Draft Environmental Impact Report

Arcata General Plan Update

City of Arcata

January 26, 2024

State Clearinghouse #: 2022020107



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GHD → **The Power of Commitment**

Contents

Acronym List vi
1. Introduction and Summary 1.0-1
2. Project Description 2.0-1
3. Community Environment 3.0-1
   - 3.1 Introduction 3.1-1
   - 3.2 Aesthetics 3.2-1
   - 3.3 Air Quality 3.3-1
   - 3.4 Cultural Resources 3.4-1
   - 3.5 Greenhouse Gas Emissions 3.5-1
   - 3.6 Hazards and Hazardous Materials 3.6-1
   - 3.7 Land Use and Planning 3.7-1
   - 3.8 Noise 3.8-1
   - 3.9 Population and Housing 3.9-1
   - 3.10 Public Services and Recreation 3.10-1
   - 3.11 Tribal Cultural Resources 3.11-1
   - 3.12 Utilities and Service Systems 3.12-1
4. Transportation and Circulation 4-1
   - 4.1 Introduction 4.1-1
   - 4.2 Transportation 4.2-1
5. Natural Environment 5-1
   - 5.1 Introduction 5.1-1
   - 5.2 Agriculture and Forest Resources 5.2-1
   - 5.3 Biological Resources 5.3-1
   - 5.4 Geology and Soils 5.4-1
   - 5.5 Hydrology and Water Quality 5.5-1
   - 5.6 Mineral Resources 5.6-1
   - 5.7 Wildfire 5.7-1
6. Energy Conservation 6-1
   - 6.1 Introduction 6.1-1
   - 6.2 Energy 6.2-1
7. Alternatives Analysis 7-1
8. Other CEQA Considerations 8-1
9. List of Preparers 9-1

Figure Index

Figure 2-1 City of Arcata Planning Areas
Figure 2-2 General Plan Use Designations within the Gateway Area

Figure 2-3a Existing Zoning and Infill Opportunity Zones
Figure 2-3b Proposed Zoning and Infill Opportunity Zones
Figure 3.2-1a View of Arcata Plaza – Looking South from H Street – 10-ft above ground
Figure 3.2-1b View of Arcata Plaza – Looking South from H Street – 100-ft above ground
Figure 3.2-2a View of Gateway Area – Looking South from K Street – 10-ft above ground
Figure 3.2-2b View of Gateway Area – Looking South from K Street – 100-ft above ground
Figure 3.2-3a View of Gateway Area – Looking Northwest from Samoa Blvd – 10-ft above ground
Figure 3.2-3b View of Gateway Area – Looking Northwest from Samoa Blvd – 100-ft above ground
Figure 3.6-1 City of Arcata Geo Tracker – Cleanup Sites
Figure 3.8-1 Arcata General Plan 2045 and Gateway Area Plan Road Source Location Plan
Figure 3.8-2 Arcata General Plan 2045 and Gateway Area Plan Traffic Noise Contour – 2045 Traffic Noise
Figure 4.2-1 Existing Roadway Functional Classification
Figure 4.2-2 Existing Transit Network
Figure 4.2-3 Existing Bicycle and Trail Facilities
Figure 4.2-4 Existing Truck Routes & Rail Right of Way
Figure 4.2-5 Proposed Vehicular Circulation
Figure 4.2-6 Proposed Bikeway & Trail Network
Figure 5.2-1 Prime Agricultural Lands within City Limits
Figure 5.3-1 Land Cover Classification
Figure 5.3-2 National Wetlands Inventory
Figure 5.3-3 California Natural Diversity Database
Figure 5.4-1 City of Arcata Infill Opportunity Zones NRCS Soils
Figure 5.4-2 City of Arcata – NRCS Soils
Figure 5.4-3 City of Arcata – California Geological Survey Alquist Priolo Zones & Potential Liquefaction
Figure 5.4-4 Slopes Greater than 15%
Figure 5.5-1 City of Arcata FEMA Floodplains
Figure 5.5-2 Tsunami Zones
Figure 5.7-1 Local and State Responsibility Area Fire Hazard Severity Zones
Figure 5.7-2 State Responsibility Area Fire Hazard Severity Zones Proposed November 21, 2022

Appendices

Appendix A Notice of Preparation
Appendix B Notice of Preparation Comments
Appendix C CalEEMod Output
Appendix D Historic Resource Analysis
Appendix E Environmental Database Review Data
Appendix F Noise Study Technical Memo
Appendix G Vehicle Miles Traveled Analysis

Acronym List

A&MRTS	Arcata & Mad River Transit System
AB	Assembly Bill
AFPD	Arcata Fire Protection District
ARB	Air Resources Board
AVFD	Arcata Volunteer Fire Department
BAAQMD	Bay Area Air Quality Management District
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Protection
Cal Poly Humboldt	California Polytechnic University Humboldt
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CERT	Community Emergency Response Team
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CHP	California Highway Patrol
City	City of Arcata
CNEL	Community Noise Equivalent Level
CWPP	Community Wildfire Protection Plan
DOT	Department of Transportation
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency
ESHA	Environmentally Sensitive Habitat Area
FEMA	Federal Emergency Management Agency
FGC	California Fish and Game Code
FHSZ	Fire Hazard Severity Zone
FMMP	Farmland Mapping and Monitoring Program
FPPA	Federal Farmland Protection Policy Act
General Plan 2045	Arcata General Plan 2045
GHG	Greenhouse Gas
GWP	Global Warming Potential
HCAOG	Humboldt County Association of Governments
HMP	Hazard Mitigation Plan
HTA	Humboldt Transit Authority
IEPR	Integrated Energy Policy Report
IPCC	Intergovernmental panel on Climate Change
LID	Low Impact Development
LOS	Level of Service
LRA	Local Responsibility Area
MBTA	Migratory Bird Treaty Act
MMRP	Mitigation Monitoring and Reporting Program
MMT	Million Metric Tons
MS4	Municipal Separate Storm Sewer System
NCRWQCB	North Coast Regional Water Quality Control Board
NCUAQMD	North Coast Unified Air Quality Management District
NFPA	National Fire Protection Agency
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System

NRCS	National Resource Conservation Service
OPR	Office of Planning and Research
PG&E	Pacific Gas and Electric Company
PM	particulate matter
PRC	Public Resources Code
Project	Arcata General Plan 2045
RCEA	Redwood Coast Energy Authority
ROG	Reactive Organic Gases
RWQCB	Regional Water Quality Control Boards
SAFE-1	2019 Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program Rule
SB	Senate Bill
SMARA	Surface Mining and Reclamation Act of 1975
SR	State Route
SRA	State Responsibility Area
SWPPP	Stormwater Pollution Prevention Program
SWRCB	(California) State Water Resources Control Board
TAC	Toxic Air Contaminant
USACE	United States Army Corp of Engineers
USDA	U.S. Department of Agriculture's
USFWS	U.S. Fish and Wildlife Service
VHFHSZ	Very High Fire Hazard Severity Zones
VMT	Vehicle Miles Traveled
WUI	Wildland Urban Interface

1.0 Introduction and Summary

The Draft Environmental Impact Report (EIR) for the Arcata General Plan 2045, has been prepared to comply with the California Environmental Quality Act (CEQA).

1.1 CEQA Program EIR Guidelines

CEQA requires that discretionary decisions by public agencies be subject to environmental review. CEQA requires an EIR to be prepared when it can be determined that substantial evidence supports a fair argument that significant environmental impacts may result from a project. The purpose of an EIR is to identify the significant effects of the project on the environment, to identify alternatives to the project, and to indicate the manner in which those significant effects can be mitigated or avoided (Public Resources Code [PRC] 13, Section 21002.1[a]). Each public agency is required to mitigate or avoid the significant effects on the environment of projects it approves or carries out whenever feasible. The environmental effects of a project that must be addressed include the significant effects of the project, growth-inducing effects of the project, and significant cumulative effects.

The purpose of an EIR is not to recommend either approval or denial of a project. Rather, CEQA requires decision-makers to balance the benefits of a project against its unavoidable environmental effects in deciding whether to carry out a project. The lead agency will consider the analysis in the Draft EIR, comments received on the Draft EIR, and responses to those comments before making a final decision. If significant environmental effects are identified, the lead agency must adopt “Findings” indicating whether feasible mitigation measures or alternatives exist that can avoid or reduce those effects. If environmental impacts are identified as significant and unavoidable after proposed mitigation, the lead agency may still approve the project if it determines that the social, economic, or other benefits outweigh the unavoidable impacts. The lead agency would then be required to prepare a “Statement of Overriding Considerations” that discusses the specific reasons for approving a project, based on information in the Draft EIR, comments received on the Draft EIR, and other information in the administrative record.

1.2 Type of EIR

This Draft Program EIR has been prepared by City of Arcata for the proposed Arcata General Plan 2045 (General Plan 2045) pursuant to CEQA (PRC Section 21000 et seq.) and the CEQA Guidelines (Title 14 California Code of Regulations [CCR] Section 15000 et seq.). This Draft EIR is a program level EIR that evaluates the effects that goals, policies, and related implementation measures proposed in the Arcata General Plan 2045 would potentially have on the environment. This EIR focuses on the secondary effects that can be expected from adoption of the of the General Plan but is not as detailed as an EIR for a construction project (CEQA Guidelines § 15146 (b) Degree of Specificity). Content and process requirements for Program EIRs are found in the Title 14 CCR Chapter 3: Guidelines for Implementation of the CEQA.

1.3 Intended Uses of the EIR

The purpose of the Program EIR is to provide a clear understanding of the environmental impacts associated with a project that is proposed by a public agency or private interest. The EIR is used by decision-makers, Responsible and Trustee Agencies, and the public to understand and evaluate project proposals and assist in making decisions on project approvals and required permits. The Program EIR also serves as a first-tier EIR for subsequent EIRs on projects that would implement the Plan.

EIRs are prepared to meet the requirements of CEQA when a proposed project may have a potential “significant” impact on the physical environment. An EIR is defined by the CEQA Guidelines as “… a detailed statement

prepared to describe and analyze significant environmental effects of a project and discuss ways to mitigate or avoid the effects" (Title 14 CCR Section 15362). An EIR must include a description of the physical environmental conditions in the vicinity of a project, as they exist at the time the Notice of Preparation (NOP) is published, from both a local and regional perspective. This environmental setting normally constitutes the baseline physical conditions by which the lead agency determines whether an impact is significant.

EIRs are prepared under the direction of a lead agency. The lead agency is the decision-making body that would ultimately certify the adequacy of the EIR and approve the implementation of a project. The lead agency for the proposed Project is the City of Arcata (City).

1.4 Organization of the EIR

This Draft EIR is organized into Chapters, as identified and briefly described below. Chapters are further divided into Sections (e.g., Section 3.2, Aesthetics).

Chapter 1 **Introduction and Summary.** Chapter 1 describes the purpose and organization of the Draft EIR, context, and terminology used in the Draft EIR. This Chapter also identifies the key issues to be resolved in the Draft EIR and summarizes the environmental impacts and mitigation measures to reduce or eliminate those impacts.

Chapter 2 **Project Description.** Chapter 2 describes the General Plan 2045, including the General Plan 2045 objectives, location and setting, background, overall concept and proposed activities, and anticipated permits and approvals.

Chapter 3 **Community Environment - Environmental Setting, Impacts and Mitigation Measures.** For each environmental resource category (broken out into sections), Chapter 3 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

Chapter 4 **Transportation and Circulation - Environmental Setting, Impacts and Mitigation Measures.** Chapter 4 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance for the transportation and circulation resource category.

Chapter 5 **Natural Environment - Environmental Setting, Impacts and Mitigation Measures.** For each environmental resource category (broken out into sections), Chapter 5 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

Chapter 6 **Energy Conservation - Environmental Setting, Impacts and Mitigation Measures.** Chapter 6 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance for the energy conservation category.

Chapter 7 **Alternatives Description and Analysis.** Chapter 7 describes the alternatives to the General Plan 2045 that are being considered to mitigate the General Plan 2045 environmental impacts while meeting the General Plan 2045 objectives. This Chapter also identifies the Environmentally Superior Alternative.

Chapter 8 **Other CEQA Required Sections.** Chapter 8 describes the unavoidable significant impacts, growth-inducing, and irreversible impacts of the General Plan 2045.

Chapter 9 **List of Preparers.** Chapter 9 identifies the Draft EIR authors and consultants who provided analysis in support of the Draft EIR's conclusions.

Appendices **Appendices A-G.** contain various key technical reports and publications that have been summarized or otherwise used for preparation of the Draft EIR.

The Draft EIR is organized by chapter as shown in the table of contents. The chapters include analysis of impacts by issue, such as land use and planning, and geologic resources. Each issue is examined using the following typical format:

1.4.1 Study Area

This subsection identifies the study area used to describe the environmental setting and complete the impact analysis (i.e., the geographic scope of the analysis used to consider direct and indirect impacts). While the study area generally includes the City limits, some resource categories include a larger geographic scope as the study area for each environmental discipline has been established based upon its relevance to that discipline and may include adjacent unincorporated areas. For example, in Section 3.3 (Air Quality), the project is located within the North Coast Unified Air Quality Management District, which regulates air quality at the regional level; therefore, the study area includes the City limits as well as the North Coast Air Basin. The rationale for study area selection is provided in the introductory text of each section, if different from the typical City limits boundary.

1.4.2 Setting

This subsection presents a description of the existing physical environmental conditions within the study area for the specific resource category evaluated (see above). The setting describes existing conditions at an appropriate level of detail to understand the impact analysis and provides a baseline by which to compare the potential impacts of the proposed General Plan 2045.

1.4.3 Regulatory Framework

This subsection provides a brief discussion of applicable federal, state, and local regulations and policies that are relevant to the resource category. The General Plan 2045 is primarily focused within the limits of the City. The southern portion of the City is located within the Coastal Zone boundary. The primary permitting jurisdiction resides with the Local Coastal Program of the City of Arcata. The City's Urban Services Boundary, Sphere of Influence, and Planning Area extend into Humboldt County (Figure 2-1 – City of Arcata Planning Areas). The regulatory requirements for the City and other agencies (as applicable) are described in this subsection along with applicable federal and state regulations and policies.

1.4.4 Evaluation Criteria and Significance Thresholds

This subsection provides the significance thresholds for evaluation of environmental impacts. The significance thresholds are based on the Appendix G of the 2023 CEQA Guidelines.

1.4.5 Methodology

The methodology subsection discusses the approach to the impact analysis.

1.4.6 Impacts and Mitigation Measures

This subsection evaluates the potential for the General Plan 2045 to significantly affect the physical environment described in the setting for each respective resource category. Potential impacts are identified and characterized and, where feasible, mitigation measures are identified to avoid or reduce significant impacts to a less-than-significant level.

1.4.7 Impacts

As described above, significance thresholds for each environmental resource category are presented in each section of Chapter 3 through Chapter 6. For the impact analyses, the following categories are used to identify impact significance:

No Impact. This determination is made if a resource is absent or if a resource exists within the study area but there is no potential that the Project could affect the resource.

Less than Significant Impact. This determination applies if there is a potential for some limited impact on a resource but the impact is not significant under the significance threshold.

Less than Significant Impact after Mitigation Incorporated. This determination applies if there is the potential for a substantial adverse effect in accordance with the significance threshold but mitigation is available to reduce the impact to a less-than-significant level.

Significant and Unavoidable Impact. This determination applies to impacts that are significant, even after mitigation has been included to reduce the impact. Under this determination, no additional feasible mitigation is available to reduce the impact to a less-than-significant level.

1.4.8 Mitigation Measures

Environmental impacts are numbered in this Draft EIR using the section number followed by sequentially numbered impacts. Mitigation measures are numbered sequentially, and do not necessarily correspond to the impact numbers.

1.5 General Plan Preparation and Format

The Arcata General Plan 2045 will help shape how the City will look, function, and manage resources for the next 20+ years. The Plan contains long-term goals, policies and implementation measures to reach the year 2045 and beyond. Comprehensive in scope, it conveys the fundamental values that decision makers will use to guide the City's evolution, from its ongoing physical development to its growing network of services.

1.6 Public Scoping Process

On February 4, 2022, the City issued an NOP for the Project. The NOP was issued in accordance with the CEQA Guidelines (Title 14 CCR Section 15082) with the intent of informing agencies and interested parties that an EIR would be prepared for the Project. A copy of the NOP can be found in Appendix A. The NOP was circulated between February 4, 2022 and March 7, 2022. A virtual agency scoping meeting for the Project was held on February 24, 2022. A virtual public scoping meeting was held via Zoom on March 10, 2022. Comments provided in response to the NOP and during the agency and public scoping meetings have been summarized by the City in Appendix B (Notice of Preparation Comments).

1.7 Availability of the Draft EIR and Public Comment Period

The Draft EIR will be circulated for 45 days, from January 31, 2024 to March 18, 2024, to allow interested individuals and public agencies to review and comment on the document. Document files will be made available for review upon request at Arcata City Hall, 736 F Street, Arcata, California and online at https://www.cityofarcata.org/896/Strategic-Infill-Redevelopment-Program. Comments may be submitted in writing via the United States Postal Service or via email. Written comments on the Draft EIR will be accepted through March 18, 2024 until 5:00 pm. Public agencies, interested organizations, and individuals are encouraged to submit comments on the Draft EIR for consideration by the City. All written comments should be addressed to:

David Loya, Community Development Director
City of Arcata
736 F Street
Arcata, CA 95521
707-825-5955, dloya@cityofarcata.org

To facilitate understanding of the comments, please provide a separate sentence or paragraph for each comment and note the page and Chapter/Section of the Draft EIR to which the comment is directed. This approach to commenting will help the City provide a clear and meaningful response to each comment.

A public hearing will be scheduled for the purpose of receiving public comments on the Draft EIR before the Planning Commission on or after February 13, 2024. The Final EIR will be reviewed by the City Council for consideration on or after May 1, 2024. At the end of the public review period, written responses will be prepared for all substantive comments received on the Draft EIR during the circulation period. The comments and responses will then be included in the Final EIR and will be considered by the City Council prior to making a decision on the Project.

1.8 Effects Found Not to be Significant

To provide more meaningful public disclosure, reduce the time and cost required to prepare an EIR, and focus on potentially significant effects on the environment of a proposed project, lead agencies can focus the discussion in the EIR on those potential effects of a project which the lead agency has determined are or may be significant. lead agencies may limit discussion on other effects to a brief explanation as to why those effects are not potentially significant (PRC Section 21002.1(e) CEQA Guidelines Sections 15128 and 15143). Information used to determine which impacts would be potentially significant was derived from a review of the Project in the preparation and public review of the Initial Study, field work, feedback from agency consultation and input, and comments received on the NOP. All resource categories are discussed in Chapter 3 through Chapter 6.

1.9 Areas of Controversy and Key Issues to be Resolved

Section 15123 of the CEQA Guidelines requires an EIR to identify areas of controversy known to the lead agency, including issues raised by agencies and the public. The following provides a brief summary of the comments and issues identified during the scoping process for the EIR. Comments received on the NOP are included in Appendix B of this document.

Comments received included statements germane to CEQA as well as concerns regarding issues not considered to be environmental issues under CEQA, such as proposed changes to existing parking, potential changes to private landscaping and trees, requests for additional community engagement, and statements for or against the Project or specific elements thereof. Comments indicative of areas of controversy on environmental issues germane to CEQA included:

- Concerns related to the capacity and ability of local services, such as fire protection and the wastewater treatment system, to adequately serve additional development and growth
- Concerns related to residential affordability and gentrification as well as development height and density
- Requests to address aspects of the climate crisis including promotion of electrification and reduction of greenhouse gas and vehicle miles traveled
- Concerns related to transportation safety
- Concerns related to construction impacts on wetlands and migratory birds
- Concerns related to construction and operational noise due to traffic

1.10 Cumulative Impacts

Cumulative impacts are defined as “two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts” (CEQA Guidelines Section 15355). Cumulative impacts can result from individually minor, but collectively significant, actions taking place over a period of time.

Cumulative impacts are discussed in each environmental resource section following the description of the Project-level impacts and mitigation measures. The cumulative impact analysis is based on the same setting, regulatory framework, and significance thresholds presented in each resource category section. Additional mitigation measures are identified if the analysis determines that the General Plan 2045’s contribution to an adverse cumulative impact would be cumulatively considerable and, therefore, significant.

1.10.1 Approach to Cumulative Impact Analysis

Two approaches to cumulative impact analysis are discussed in CEQA Guidelines Section 15130(b). The first approach is a list of past, present, and probable future projects producing related or cumulative impacts. The second approach is a summary of projections contained in an adopted local, regional, or state-wide plan, such as a general plan or related planning document, or in an adopted or certified environmental document, which describes or evaluates conditions contributing to cumulative effects. For this Draft EIR, the cumulative impact analysis utilizes the list approach. In addition, the analysis of cumulative impacts uses relevant planning documents, where they provide an appropriate evaluation.

To identify projects to be considered for cumulative impacts, outreach was conducted to the following agencies and organizations:

- California Department of Transportation (Caltrans)
- California Polytechnic University Humboldt (Cal Poly Humboldt)
- City of Arcata Environmental Services and Public Works
- City of Eureka Planning Department
- Blue Lake Rancheria
- Humboldt Bay Municipal Water District
- Humboldt Bay Harbor, Recreation and Conservation District
- Humboldt County Planning and Building Department and Public Works Department
- Pacific Gas & Electric
- Redwood Coast Energy Authority
- Wiyot Tribe

1.10.2 List of Relevant Projects

Table 1.10-1 provides a list of past, present, and reasonably foreseeable future projects known within and near the Project area, including a brief description of the projects and their anticipated construction schedules (if known). Single-family homes and other similar small-scale uses were not included because of their negligible cumulative effects. Projects that were in conceptual design or were otherwise considered speculative were not included.

Table 1.10-1 Projects Considered for Cumulative Impacts

Entity	Project	Location	Timeframe
Broad Reach Power/EWP (developer); RCEA (energy purchaser)	Fairhaven energy storage	Fairhaven/Samoa	2023-2024
Cal Poly Humboldt	Craftsman Mall Student Housing Project	505-022-011, 505-022-012, 503-372-002, 503-372-003, 503-372-004, 503-372-005, 503-372-006, 505-011-002, 505-011-006, 505-011-007, 505-011-010, and 505-012-004	2023-2027
Caltrans	Arcata/Samoa Beach Fiber Project	State Route 255; between post miles 2.012 - 8.467	2022
Caltrans	Three Hum Bridges	HUM-101-PM 86.77	2021
Caltrans	Hum-101 Strengthen 2 Bridges	HUM-101-PM 87.84 at West End Road Overpass	2022
Caltrans	200/299 Separation	HUM-200-PM 2.7	2022
Caltrans	Hum-299 Culverts	Various locations along SR 299	2022
Caltrans	Arcata to Blue Lake Camp	HUM-299-PM 0	2023
Caltrans	Hum-299 Off Ramp Improvement	HUM-101-PM 88.3	2025
Caltrans	Safety Corridor Improvements	NA	2023-2025
City of Arcata	Aldergrove Marsh Restoration Pilot Project	Adjacent to Ericson Way	2021
City of Arcata	Arcata 30th Street Commons Project	507-092-008	2021-2022
City of Arcata	Open Door Community Health Center	505-121-031	2023-2024
City of Arcata	Frank Martin Court Culvert Replacement	Frank Martin Court within the railroad right of way	2023-2024
City of Arcata	Westwood Garden Apartments expansion	Westwood Court	2023-2024
City of Arcata	Old Arcata Road Improvements	Old Arcata Road between Buttermilk and Jacoby Creek Road	2023-2025
City of Arcata	Annie and Mary Trail Improvements	Railroad corridor between Larson Park and Park 1	2023-2028
City of Arcata	Foster Avenue Extension	505-161-009 and vicinity	2023-2028
City of Arcata	Arcata Sunset Roundabout Project	Sunset Avenue and LK Wood Boulevard	2025 or later
City of Arcata	Sorrel Place Housing-43 Units	021-163-007	Completed
City of Arcata	Homekey Projects	Days Inn and Red Roof Inn	Unknown
City of Arcata	St. Lous Road Trail Extension	St. Louis Road and Sunset Avenue	Unknown
City of Arcata	Canyon Creek Apartments	Todd Court, adjacent to Larson Park	Unknown
City of Arcata	Annie & Mary Trial Connection to Blue Lake	North of Park 1	Unknown
City of Arcata / Cal Poly Humboldt	Creekside Annexation and Potential Future Development (TBD)	505-161-011	2023-2028

Entity	Project	Location	Timeframe
City of Eureka	31 Unit Apartment	Myrtle and Sunny Avenue	2025-2027
City of Eureka	31 Unit Apartment	8th and G Street	2025-2027
City of Eureka	28 Unit Apartment	6th and M Street	2025-2027
City of Eureka	20+ Unit Apartment	5th and D Street	2026-2028
City of Eureka	20+ Unit Apartment	6th and L Street	2026-2028
City of Eureka	90 Unit Apartment	C to F Street, North of 1st Street	2026-2028
City of Eureka	49 Unit Apartment / Motel Conversion	4th and M Streets	Under construction
Great Redwood Trail Agency	Great Redwood Trail	Railroad corridor	Varies by segment
Humboldt Bay Harbor, Recreation and Conservation District	Humboldt Bay Offshore Wind Heavy Lift Marine Terminal	364 Vance Avenue on the Samoa Peninsula	2025 - 2035
Humboldt Bay Harbor, Recreation and Conservation District	Maintenance Dredging of Woodley Island Marina	Woodley Island Marina	2023 - 2033
Humboldt Bay Harbor, Recreation and Conservation District and Caltrans	Eelgrass Restoration Project for Multiple Projects	In-bay; near above	2024 - 2027
Humboldt Bay Harbor, Recreation and Conservation District and Caltrans	Spartina Removal Project	Tuluwat Island	2023 - 2030
Humboldt Bay Municipal Water District	Mad River Pipeline Undercrossing Project	Warren Creek Road	2018 - 2019
Humboldt Bay Municipal Water District	12 kV Switchgear Replacement Project	7270 West End Road	2020-2023
Humboldt Bay Municipal Water District	Collector Well 2 Lateral Replacement Project	7270 West End Road	2023
Humboldt Bay Municipal Water District	On-site Hypochlorite Generation Project	7270 West End Road	Under Construction 2023-2024
Humboldt Bay Municipal Water District	Collector Mainline Redundancy Project	7270 West End Road	Under Construction 2023-2025
Humboldt Bay Municipal Water District	Turbidity Reduction Facility Large Standby Generator	444 Pipeline Road	2023-2025
Humboldt Bay Municipal Water District	Seismic Retrofit of 2 Million Gallon CT Tank Reservoir	444 Pipeline Road	2024-2026
Humboldt Bay Municipal Water District	Seismic Retrofit of 1 Million Gallon Domestic Water Reservoir	444 Pipeline Road	2024-2026
Humboldt Bay Municipal Water District	Seismic Retrofit of 1 Million Gallon Industrial Water Reservoir	New Navy Base Road	2024-2026
Humboldt Bay Municipal Water District	15" Domestic Water Pipeline Replacement	Samoa Peninsula	Unknown

Entity	Project	Location	Timeframe
Humboldt Bay Municipal Water District	3 to 4.5 Million Gallon Reservoir at Turbidity Reduction Facility	444 Pipeline Road	Unknown
Humboldt County	Large Cannabis Farm just outside City limits	Foster Avenue	2023-2025
Nordic Aquafarms (Redwood Coast Energy Authority as energy provider TBD)	Aquaculture Project	Samoa	2023-2030
Northern Humboldt Union District	Arcata High School Athletic Facilities Improvement Project	505-111-004	2020-2022
Redwood Coast Energy Authority	Hatchery Road Solar	Blue Lake	2024-2026
Redwood Coast Energy Authority	10-20 Public electric vehicle charging stations (*this project is conceptual and may or may not come to fruition*)	In or near Arcata	By 2030
Redwood Coast Energy Authority	3-5 microgrid sites (*this project is conceptual and may or may not come to fruition*)	In or near Arcata	By 2030
Redwood Coast Energy Authority	Redwood Coast Offshore Wind Project	About 25 miles west of Eureka	By 2030
Redwood Coast Energy Authority	Redwood Coast Airport Microgrid	McKinleyville	2018-2023
Renewable Properties (developer); RCEA (energy purchaser)	Foster Ave Solar	Arcata Bottom	2023-2024

1.11 Summary of Impacts and Mitigation Measures

Table 1.11-1 identifies, by resource category, the significant Project impacts, proposed mitigation measures, and post-mitigation significance. Additional information about the impacts and mitigation measures can be found in Chapter 3 through Chapter 6 of this Draft EIR, as referenced for each resource category.

Table 1.11-1 Summary of Impacts and Mitigation Measures

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
3.2 Aesthetics			
Impact AES-a: Would the Project have a substantial adverse effect on a scenic vista?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AES-b: Would the Project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	No impact	No mitigation is necessary	Not applicable
Impact AES-c: In a non-urbanized area, would the Project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point).	Less than significant impact	No mitigation is necessary	Not applicable
Impact AES-d: Would the Project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AES-C-1: Would the Project contribute to a cumulatively significant impact to visual resources?	Less than significant impact	No mitigation is necessary	Not applicable
3.3 Air Quality			
Impact AQ-a: Would the Project conflict with or obstruct implementation of the applicable air quality plan?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AQ-b: Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?	Potentially significant impact	**Mitigation Measure AQ-1: Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development** The City shall prohibit the installation of woodburning or gas hearths or fireplaces in all new residential development.	Significant and unavoidable impact
Impact AQ-c: Would the Project expose sensitive receptors to substantial pollutant concentrations?	Potentially significant impact	**Mitigation Measure AQ-2: Implement Construction Screening and Reduction of TACs Emissions** The City shall require applicants for development projects that would be located within 1,000 feet of an existing sensitive receptor to identify the construction schedule and, for projects that would require more than 12 months of construction, implement the following minimization measures to reduce potential TACs (toxic air contaminants) emissions. Measures to	Significant and unavoidable impact

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
		reduce risk from construction emission may include, but are not limited to: – During construction, use construction equipment rated as US EPA Tier 4 Interim for equipment of 50 horsepower or more. – During construction, use construction equipment fitted with Level 3 Diesel Particulate Filters for all equipment of 50 horsepower or more. **Mitigation Measure AQ-3: Implement Enhanced Evaluation between Incompatible Land Uses** The City shall implement an enhanced evaluation of incompatible land uses to reduce the potential exposure of sensitive receptors to substantial air pollutants for land use developments that would locate sources of air pollutants or sensitive receptors in closer proximity than the distances recommended in California Air Resources Board's Air Quality Land Use Handbook of: – 1,000 feet of a distribution center (more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units per day, or where transport refrigeration unit operations exceed 300 hours per week) – 300 feet of any dry-cleaning operation – 500 feet for dry cleaning operations with two or more machines – Within the same building for dry cleaning operations that use perc dry cleaning operations – 300 feet of a large gas dispensing facilities (throughput of 3.6 million gallons per year or greater) – 50 feet of typical gas dispensing facilities For projects that would result in sensitive receptors being closer than the screening distances above, the project applicants shall submit a Health Risk Assessment to the City Planning Department prior to project approval. The Health Risk Assessment shall be prepared pursuant to the latest Office of Environmental Health and Hazard Assessment policies and guidance and use the following quantitative performance measures: – Result in an excess cancer risk level of less than 10 in a million; – Result in a non-cancer hazard index less than 1.0 (acute or chronic); and – Result in an incremental increase of less than 0.3 µg/m3 annual average PM2.5	

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
		If the Health Risk Assessment demonstrates that the development project would meet all performance measures above, no other action is required. If the HRA shows the development project would not meet all necessary performance measures, the applicant shall identify, quantify, and implement project design features or other measures to reduce the impact to the satisfaction of the City. The applicant shall provide quantification to the City to demonstrate that the project achieves the performance measures. **Mitigation Measure AQ-4: Electrify Loading Docks** The City shall require the electrification of all new loading docks to facilitate plug-in capability and encourage trucks to utilize grid power to deliver goods. **Mitigation Measure AQ-5: Require Enhanced Air Filtration at New Sensitive Receptors** The City shall require air filtrations systems at new sensitive receptor buildings to be designed and constructed with air filters rated at a minimum efficiency reporting value 13 or higher.	
Impact AQ-d: Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AQ-C-1: Would the Project contribute to a cumulatively significant impact to air quality?	Potentially significant impact	**Mitigation Measure AQ-1: Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development** **Mitigation Measure AQ-2: Implement Construction Screening and Reduction of TACs Emissions** **Mitigation Measure AQ-3: Implement Enhanced Buffer between Incompatible Land Uses** **Mitigation Measure AQ-4: Electrify Loading Docks** **Mitigation Measure AQ-5: Require Enhanced Air Filtration at New Sensitive Receptors**	Significant and unavoidable impact
3.4 Cultural Resources			
Impact CR-a: Would the Project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	Potentially significant impact	Not feasible	Significant and unavoidable impact
Impact CR-b: Would the Project cause a substantial adverse change in the significance	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
of a archaeological resource pursuant to Section 15064.5?			
Impact CR-c: Would the Project disturb any human remains, including those interred outside of formal cemeteries?	Less than significant impact	No mitigation is necessary	Not applicable
Impact CR-C-1: Would the Project contribute to a cumulatively significant impact to cultural resources?	Historic Resources: Potentially significant impact Cultural Resources: Less than significant impact	Historic Resources: Not feasible Cultural Resources: No mitigation is necessary	Historic Resources: Significant and unavoidable impact Cultural Resources: Not applicable
3.5 Greenhouse Gas Emissions			
Impact GHG-a: Would the Project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Potentially significant impact	**Mitigation Measure GHG-1: EV Charging Infrastructure Ordinance** The City shall include a policy in the General Plan 2045 to prepare and pass electric vehicle (EV) charging infrastructure ordinance requiring, at a minimum, implementation of 2022 Title 24 Part 11 (CALGreen Code) Voluntary Tier 2 EV Charging Infrastructure for residential and non-residential development. The City shall review and update ordinance on a triennial basis, consistent with the CALGreen Code's update schedule, to reflect updates to the CALGreen Code Voluntary Tier 2 measures.	Less than significant impact with mitigation
Impact GHG-b: Would the Project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Potentially significant impact	**Mitigation Measure GHG-1: EV Charging Infrastructure Ordinance**	Less than significant impact with mitigation
Impact GHG-C-1: Would the Project contribute to a cumulatively significant impact relative to greenhouse gas emissions?	Less than significant impact	No mitigation is necessary	Not applicable
3.6 Hazards and Hazardous Materials			
Impact HAZ-a: Would the Project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HAZ-b: Would the Project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
release of hazardous materials into the environment?			
Impact HAZ-c: Would the Project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HAZ-d: Would the Project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HAZ-e: For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard or excessive noise for people residing or working in the project area?	No impact	No mitigation is necessary	Not applicable
Impact HAZ-f: Would the Project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	No impact	No mitigation is necessary	Not applicable
Impact HAZ-g: Would the Project expose people or structures to a significant risk of loss, injury, or death involving wildland fires?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HAZ-C-1: Would the Project result in a cumulatively significant impact from increased exposure of the public or environment to hazards or hazardous substances?	Less than significant impact	No mitigation is necessary	Not applicable
3.7 Land Use and Planning			
Impact LU-a: Would adoption and implementation of the General Plan physically divide an established community?	Less than significant impact	No mitigation is necessary	Not applicable
Impact LU-b: Would adoption and implementation of the General Plan cause a significant environmental impact due to a conflict with any land use plan, policy, or	Potentially significant impact	No additional mitigation measures for land use planning would be required beyond those identified throughout this EIR, including Mitigation Measure GHG-1, Mitigation Measure NOI-1, Mitigation Measure NOI-2, and Mitigation Measure NOI-3.	Less than significant impact with mitigation identified throughout this EIR

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
regulation adopted for the purpose of avoiding or mitigating an environmental effect?			
Impact LU-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to land use and planning?	Less than significant impact	No mitigation is necessary	Not applicable
3.8 Noise			
Impact NOI-a: Would adoption and implementation of the General Plan 2045 result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Potentially significant impact	**Mitigation Measure NOI-1: Noise Study for Planned Sensitive Uses within Roadway Setbacks** For any planned sensitive uses within the corresponding roadway setbacks identified in Table 3.8-8, where the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards, the developer shall undertake a noise study to determine noise control requirements. Dependent on the proximity to the roads, noise control measures may include central air conditioning, acoustic barriers for outdoor activity areas, and/or upgraded building exterior construction. **Mitigation Measure NOI-2: Location and Design Features for High-Noise Generating Uses** In general, high-noise generating uses (e.g., new industrial uses) should be located away from noise-sensitive land uses and minimize excessive noise through project design features that include noise control and landscape buffers. These are supported by General Plan Policies LU-4a, Industrial Uses, LU-4e, Conversion and reuse of industrial sites, and Policy group N-2 in the Noise Element, as well as regulations in the Land Use Code, Section 9.30.050, Noise Standards. **Mitigation Measure NOI-3: Acoustical Analysis for Noise Sensitive or Employment Land Uses within Recommended Setbacks** For discretionary projects, the City may require an acoustical analysis as part of the environmental review process for development of noise sensitive land uses or employment land uses proposed within the recommended setbacks of Table 3.8-9. This analysis shall meet the following requirements: a. Be prepared by an engineer, architect, or other qualified person experienced in the field of acoustics with an Institute of Noise Control Engineering Board Certification. b. Include representative noise level measurements with sufficient sampling periods and locations or reference to noise	Less than significant impact with mitigation

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
		contours and other sources to adequately describe local conditions. c. Recommend appropriate mitigation or include reference to standardized metrics for assemblies used in the construction that are known and tested to reduce interior noise to achieve compliance with the adopted policies and standards of the Noise Element. d. Estimate interior and exterior noise exposure after the prescribed mitigation measures have been implemented. In the event that an acoustical analysis of a proposed development identifies exceedances of applicable non-transportation sound level limits, the analysis should identify and expand on the source(s) of noise responsible for the non-compliance. Upon identification of the problematic source(s), tailored mitigation measures can be developed.	
Impact NOI-b: Would adoption and implementation of the General Plan 2045 result in exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?	Potentially significant impact	**Mitigation Measure NOI-4: Vibration intensive construction operations such as pile driving should be avoided whenever possible in favor of less intensive alternatives such as caisson drilling.** If vibration intensive operations must be conducted, active vibration monitoring of nearby sensitive structures shall be conducted to ensure no foundational/structural damage occurs.	Less than significant impact with mitigation
Impact NOI-c: Would adoption and implementation of the General Plan 2045 result in substantial permanent increases in ambient noise levels in the project vicinity above levels existing without the project?	Potentially significant impact	**Mitigation Measure NOI-1: Noise Study for Planned Sensitive Uses within Roadway Setbacks** **Mitigation Measure NOI-2: Location and Design Features for High-Noise Generating Uses** **Mitigation Measure NOI-3: Acoustical Analysis for Noise Sensitive or Employment Land Uses within Recommended Setbacks**	Less than significant impact with mitigation
Impact NOI-d: Would adoption and implementation of the General Plan 2045 result in substantial temporary or periodic increases in ambient noise levels in the project vicinity above levels existing without the project?	Less than significant impact	No mitigation is necessary	Not applicable
Impact NOI-e: For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	No impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
Impact NOI-f: For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	No impact	No mitigation is necessary	Not applicable
Impact NOI-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to noise?	Less than significant impact	No mitigation is necessary	Not applicable
3.9 Population and Housing			
Impact PH-a: Would adoption and implementation of the General Plan induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PH-b: Would adoption and implementation of the General Plan displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PH-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to population and housing resources?	Less than significant impact	No mitigation is necessary	Not applicable
3.10 Public Services and Recreation			
Impact PSR-a1: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PSR-a2: Would adoption and implementation of the General Plan result in	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection?			
Impact PSR-a3: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PSR-a4: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks?	No impact	No mitigation is necessary	Not applicable
Impact PSR-a5: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities?	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
Impact PSR-b: Would adoption and implementation of the General Plan increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PSR-c: Would implementation of the General Plan include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PSR-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to public services?	Less than significant impact	No mitigation is necessary	Not applicable
Impact PSR-C-2: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to recreational resources?	Less than significant impact	No mitigation is necessary	Not applicable
3.11 Tribal Cultural Resources			
Impact TCR-a: Would the Project cause a substantial adverse change in the significance of a tribal cultural resource listed or eligible for listing in the California Register of Historic Resources, or in a local register of historic resources as defined in Public Resources Code section 5020.1(k)?	Less than significant impact	No mitigation is necessary	Not applicable
Impact TCR-b: Would the Project cause a substantial adverse change in the significance of a tribal cultural resource that is a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to the criteria set forth in subdivision (c) of the Public Resources Code section 5024.1? In applying the criteria set forth in subdivision (c) of the Public Resources Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe.	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
Impact TCR-C-1: Would the Project contribute to cumulatively significant impact related to tribal cultural resources?	Less than significant impact	No mitigation is necessary	Not applicable
3.12 Utilities and Service Systems			
Impact UTL-a: Would the Project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electrical power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	Less than significant impact	No mitigation is necessary	Not applicable
Impact UTL-b: Would the Project have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?	No impact	No mitigation is necessary	Not applicable
Impact UTL-c: Would the Project result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's Projected demand in addition to the provider's existing commitments?	No impact	No mitigation is necessary	Not applicable
Impact UTL-d: Would the Project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	Less than significant impact	No mitigation is necessary	Not applicable
Impact UTL-e: Would the Project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	Less than significant impact	No mitigation is necessary	Not applicable
Impact UTL-C-1: Would the Project contribute to cumulatively significant impact related to utilities and service systems?	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
4.2 Transportation			
Impact TR-a: Would the Project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	Less than significant impact	No mitigation is necessary	Not applicable
Impact TR-b: Would the Project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	Less than significant impact	No mitigation is necessary	Not applicable
Impact TR-c: Would the Project substantially increase hazards due to geometric design features e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Less than significant impact	No mitigation is necessary	Not applicable
Impact TR-d: Would the Project result in inadequate emergency access?	Less than significant impact	No mitigation is necessary	Not applicable
Impact TR-C-1: Would the Project contribute to cumulatively significant impact related to transportation?	Less than significant impact	No mitigation is necessary	Not applicable
5.2 Agricultural and Forest Resources			
Impact AG-a: Would the adoption and implementation of the General Plan 2045 convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AG-b: Would adoption and implementation of the General Plan 2045 conflict with existing zoning for agricultural use, or a Williamson Act contract?	No impact	No mitigation is necessary	Not applicable
Impact AG-c: Would the Project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as	No impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
defined by Government Code Section 51104(g))?			
Impact AG-d: Would the Project result in the loss of forest land or conversion of forest land to non-forest use?	Less than significant impact	No mitigation is necessary	Not applicable
Impact AG-e: Would the Project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	No impact	No mitigation is necessary	Not applicable
Impact AG-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to agriculture and forest resources?	Less than significant impact	No mitigation is necessary	Not applicable
5.3 Biological Resources			
Impact BIO-a: Would the Project have a substantial adverse effect, either directly or through habitat modification, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW, USFWS or NMFS?	Potentially significant impact	**Mitigation Measure BIO-1: Protect Special-Status Bats during Structure Demolition** If a structure is to be demolished, a qualified bat biologist shall conduct pre-construction surveys for special-status bats during the spring or summer prior to construction in areas where potential maternity roosts may be disturbed/removed. If Project work will take place between August 16 and March 31, no surveys shall be required because there will be no impact to roosting bats, as this period is outside of the maternity season. If Project work occurs within the maternity season, survey methodology should include visual examination of suitable habitat areas for signs of bat use and may utilize ultrasonic detectors to determine if special-status bat species utilize the vicinity. If bats exist, species presence and site use patterns should be documented, including roost sites. Bat presence in the Project may vary seasonally and annually. Surveys should be conducted in a manner to detect the presence of hibernating or torpid bats, reproductive colonies, and/or migratory stop-over roosts. If no bat utilization or roosts are found, then no further study or action is required. If bats are found to utilize the Project vicinity, or presence is assumed, a bat specialist should be engaged to advise the best method to prevent impact. This may include, but will not be limited to: – Consultation with the California Department of Fish and Wildlife (CDFW) to determine appropriate measures for	Less than significant impact with mitigation

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
		protecting bats with young if present, and for implementing measures to exclude non-breeding bat colonies during construction process. – Phased removal of the structure where selected portions not containing cavities are removed on the first day, with the remainder of the structure removed on the subsequent days.	
Impact BIO-b: Would the Project have a substantial adverse effect on any riparian habitat or other Sensitive Natural Community identified in local or regional plans, policies, regulations or by the CDFW or USFWS?	Less than significant impact	No mitigation is necessary	Not applicable
Impact BIO-c: Would the Project have a substantial adverse effect on state or federally protected wetlands (including but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	Less than significant impact	No mitigation is necessary	Not applicable
Impact BIO-d: Would the Project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Less than significant impact	No mitigation is necessary	Not applicable
Impact BIO-e: Would the Project conflict with any local policies or ordinances protecting biological resources such as a tree preservation policy or ordinance?	No impact	No mitigation is necessary	Not applicable
Impact BIO-f: Would the Project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	No impact	No mitigation is necessary	Not applicable
Impact BIO-C-1: Would the Project contribute to a cumulatively significant impact to biological resources?	Less than significant impact	No mitigation is necessary	Not applicable
5.4 Geology and Soils			
Impact GEO-a: Would the Project directly or indirectly cause potential substantial adverse effects including the risk of loss, injury, or death involving rupture of a known earthquake	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42?			
Impact GEO-b: Would the Project directly or indirectly cause potential substantial adverse effects including the risk of loss, injury, or death involving strong seismic ground shaking?	Less than significant impact	No mitigation is necessary	Not applicable
Impact GEO-c: Would the Project directly or indirectly cause potential substantial adverse effects including the risk of loss, injury, or death involving liquefaction, landslides, or otherwise unstable soils?	Less than significant impact	No mitigation is necessary	Not applicable
Impact GEO-d: Would the Project result in substantial soil erosion or the loss of topsoil?	Less than significant impact	No mitigation is necessary	Not applicable
Impact GEO-e: Would the Project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	No impact	No mitigation is necessary	Not applicable
Impact GEO-f: Would the Project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Potentially significant impact	**Mitigation Measure GEO-1: Inadvertent Discovery of Paleontological Resources** If potential or paleontological resources are encountered during Project subsurface construction activities or geotechnical testing, all work within 50 feet of the find shall be stopped and a qualified archaeologist funded by the City and approved by the City shall be contacted to evaluate the find, determine its significance, and identify any required mitigation. The applicant shall be responsible for implementing the mitigation prior to construction activities being re-started at the discovery site.	Less than significant impact with mitigation
Impact GEO-C-1: Would the Project contribute to a cumulatively significant impact to geology and soils?	No impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
5.5 Hydrology and Water Quality			
Impact HWQ-a: Would the Project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-b: Would the Project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin?	No impact	No mitigation is necessary	Not applicable
Impact HWQ-c, i: Would the Project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces in a manner which would result in substantial erosion or siltation on- or off-site?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-c, ii: Would the Project substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-c, iii: Would the Project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-c, iv: Would the Project impeded or redirect flood flows?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-d: Would the Project cause an increase in flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation?	Less than significant impact	No mitigation is necessary	Not applicable
Impact HWQ-e: Would the Project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	No impact	No mitigation is necessary	Not applicable
Impact HWQ-C-1: Would the Project contribute to a cumulatively significant impact to hydrology and water quality?	Less than significant impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
5.6 Mineral Resources			
Impact MR-a: Would adoption and implementation of the General Plan result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?	Less than significant impact	No mitigation is necessary	Not applicable
Impact MR-b: Would adoption and implementation of the General Plan result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	No impact	No mitigation is necessary	Not applicable
Impact MR-C-1: Would the Project contribute to a cumulatively significant impact to mineral resources?	Less than significant impact	No mitigation is necessary	Not applicable
5.7 Wildfire			
Impact WDF-a: Would the Project substantially impair an adopted emergency response plan or emergency evacuation plan?	No impact	No mitigation is necessary	Not applicable
Impact WDF-b: Would the Project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose Project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	Less than significant impact	No mitigation is necessary	Not applicable
Impact WDF-c: Would the Project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	Less than significant impact	No mitigation is necessary	Not applicable
Impact WDF-d: Would the Project expose people or structures to significant risks, including downslope or downstream flooding or landslides as a result of runoff, post-fire slop instability, or drainage changes?	No impact	No mitigation is necessary	Not applicable

Impact	Project Significance	Mitigation Measure	After-Mitigation Significance
Impact WDF-C-1: Would the Project contribute to a cumulatively significant impact related to wildfire risk?	Less than significant impact	No mitigation is necessary	Not applicable
6.2 Energy Resources			
Impact ER-a: Would the Project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?	Less than significant impact	No mitigation is necessary	Not applicable
Impact ER-b: Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	Less than significant impact	No mitigation is necessary	Not applicable
Impact ER-C-1: Would the Project contribute to a cumulatively significant impact to energy resources?	Less than significant impact	No mitigation is necessary	Not applicable

1.12 References

None.

2.0 Project Description

This Draft EIR analyzes the potential impacts of implementing the General Plan 2045 and associated zoning, as well as the Gateway Code, a form-based code for the 138 acres identified as the Gateway District, which constitutes the Project as defined by CEQA. The Draft EIR assesses the environmental conditions that exist and how they could be potentially impacted by the Project. This assessment takes into account Arcata's size, setting, and other physical characteristics that affect the environment.

Arcata is the second largest city in Humboldt County. It is situated on a coastal terrace, the lower portions of Fickle Ridge, and the easterly portions of the Arcata Bottoms, between Arcata Bay and the Mad River. Arcata Bay makes up a portion of Humboldt Bay, which is the largest commercial port between San Francisco, California and Portland, Oregon (Figure 2-1 – City of Arcata Planning Areas).

2.1 Project Background

The Arcata General Plan is a planning document with text and diagrams that express the goals, policies, and programs necessary to guide the community toward achieving its future vision over a long-term planning period (typically approximately 20 years). City decision makers rely on the General Plan as the basis for making decisions on matters such as land use, transportation, open space and conservation, provision of public services, and environmental quality and safety. It is also a policy document that guides decisions related to protecting and enhancing what the community values most, such as open space, coastal resources, and design of the built environment.

The City is preparing an update of its existing General Plan (formerly General Plan 2020) as well as preparing a "Gateway Area Plan" that will be a new element of the General Plan 2045, and a new associated Zoning Ordinance to implement the Gateway Area Plan through an area-specific, form-based code. The Gateway Area Plan Element will provide specific development guidance within the Gateway Area, which is an approximately 138-acre area entirely within City limits that is generally north of Samoa Blvd, west of K Street, and south of Alliance Rd (Figure 2-2 – General Plan Use Designations within the Gateway Area). As an element of the General Plan, the Gateway Area Plan must be consistent with the other elements of the General Plan (California Government Code Section 65300.5). The General Plan 2045, including the Gateway Area Plan Element and Gateway Code are collectively considered the "Project". Proposed zoning is conceptually described in this Draft EIR; however, it is considered a subsequent action to the General Plan 2045 and associated EIR. Proposed zoning code and Gateway Code (both specific to the Gateway Area) will be consistent with the Gateway Area Plan Element and proposed land use changes analyzed in this Draft EIR. The General Plan 2045 horizon year is year 2045, which reflects a 20-year planning period.

2.2 Purpose and Need

The Project is needed to update and amend the City's existing General Plan 2020 and to add a new General Plan Element, the Gateway Area Plan, to encourage infill development within current City limits, in accordance with Senate Bill (SB) 375 and California Government Code Section 65302. The General Plan 2045 seeks to build upon, but not substantially change, the vision established in the General Plan 2020 (adopted in the year 2000). The General Plan 2045 will also update the goals, policies, and implementation programs that articulate the vision for the City's long-term physical and economic development, while preserving open space areas and enhancing the quality of life for Arcata residents. The General Plan 2045 is anticipated to be adopted in Spring of 2024.

As a part of this Project, all existing General Plan Elements (other than the Housing Element) will receive minor focused updates to:

- Satisfy modern State mandates for General Plans that have been issued since the General Plan was last updated;
- Re-emphasize infill development to preserve greenbelts around the City;
- Adjust to climate change and promote sustainability;
- Promote social justice and racial equity;
- Amend any internal inconsistencies; and
- Ensure consistency and compliance with other City plans that have been adopted or revised in recent years, such as the 2019 Housing Element.

In addition to the minor updates outlined above, the following General Plan Elements will receive additional, more comprehensive updates to accommodate targeted infill policies and ensure consistency with the Gateway Area Plan:

- Land Use (modifications to land use map and development standards)
- Circulation and Mobility (update to accommodate areas of planned growth);
- Public Facilities and Infrastructure (modifications to support utility upgrades to accommodate areas of planned growth)
- Parks and Recreation (updates the policies and program of the adopted 1994 Parks and Recreation Element and incorporates the vision and objectives of the 2010 Parks & Recreation Master Plan)
- A new element (Health Element) will be added to the General Plan

California Government Code, Section 65302, subdivision (h)(1) requires an Environmental Justice element in the General Plans of certain communities. Arcata does not meet the thresholds for such an Element to be required because the City does not contain any Disadvantaged Communities, as identified by the California Environmental Protection Agency Pursuant to Section 39711 of the Health and Safety Code. Instead, the City is electing to reflect social justice and racial equity values in all Elements of the General Plan with a focus in the Health Element. Since the Housing Element was updated and adopted in late 2019, the Housing Element will not be modified as a part of this Project.

2.3 Goals and Objectives

The General Plan 2045 creates a framework to plan for and guide residential and non-residential growth and conservation within current City limits. This framework is based on a set of comprehensive goals and policies that enhance existing development patterns. The following objectives have been established to aid decision makers in their review of the Project and associated environmental impacts.

2.3.1 General Plan Objectives

- Provide an update to the City's General Plan to reflect the current values and overall community vision more effectively (see General Plan Chapter 1 for the community vision statement).
- Update General Plan policies to ensure they support the community vision.
- Enhance Arcatans' quality of life; promote equity and social well-being for the entire community.
- Re-emphasize and support well-planned infill projects that complement Arcata's historic development patterns and preserve open space.
- Accommodate growth that protects important environmental resources, as well as ensures long-term economic sustainability.
- Meet the housing needs of existing and future residents through a variety of housing types and designs including infill development, high-density multifamily / mixed use projects, and mixed use.
- Adjust to climate change and promote sustainability.
- Improve mobility and safety for pedestrians, bicyclists, and vehicles.

- Maintain opportunities for industry and employment to foster a diverse and resilient local economy.
- Satisfy current State mandates for General Plans that have been issued since the General Plan was last updated.
- Ensure consistency and compliance with other City plans that have been adopted or revised in recent years, such as the Housing Element.
- Ensure existing infrastructure and facilities (water, sewer, transportation, etc.) can support the planned / projected population.

2.3.2 Gateway Area Plan Objectives

- Focus on infill development to create a high-density residential and mixed-use neighborhood that reflects community values of open space, arts and culture, and livability.
- Stimulate the creation of a volume and variety of housing types.
- Promote racial equity, social justice, and diversity to support an equitable and inclusive community.
- Promote thoughtful development through form-based and streamlined development standards.
- Promote a balance of mixed uses to create a neighborhood that offers a car-free lifestyle consistent with the City's climate action goals.
- Design circulation improvements to accommodate planned growth, minimize vehicle trips, and support a pedestrian-friendly public realm.
- Support and grow the area's arts identity.
- Plan for environmental restoration and sustainability features.

2.4 General Plan Assumptions

The General Plan 2045 will shape how the City will look, function, and manage resources, from the date it becomes effective through the year 2045 (also referred to as the 'planning period' or 'horizon'). Preparation of the General Plan 2045 included a look to the past to consider the history and character of the City, as well as a look to the future. The General Plan 2045 assumptions identify trends that are expected to continue, and future characteristics that will reflect the vision of the community. Key to the City's development strategy during the planning period is the "Strategic Infill Redevelopment Program", encompassing a suite of planning documents intended to reinforce the City's priorities to infill development and greenbelt protection. The Strategic Infill Redevelopment Program encompasses studies and engagement work as well as planning policy and implementation ordinances, including:

- The Housing Element and Community Engagement Report
- The Infill Market Study and Community Engagement Report
- The Gateway Area Plan and Community Engagement Report
- General Plan Updates
- Local Coastal Program Updates
- Form-Based Code
- Land Use Code revisions

The last 20 years have brought significant changes to Arcata and further changes seem certain for the future. The General Plan 2045 includes goals, policies, and implementation measures that anticipate those changes to ensure that they will be effectively planned for and reflect this community's shared sense of values. Future trends may reflect changes in social, economic, cultural, and environmental factors that come from both inside and outside but will be shaped locally by the guidelines expressed in this Plan.

Population

The most significant ongoing trends concern Arcata's working, living, learning, and natural environments. For example, most of the large-scale timber-industry employers are now gone and Arcatans will more likely work for a small employer or be self-employed. Increased use of undeveloped and underdeveloped parcels is planned, as opposed to outward expansion.

Population Assumptions

- Modest growth rate of 1% to 1.4% annually.
- Total resident maximum population in 2045 of 27,000 (calculated at 1.4% annually).
- Average household size ranging between 2.2 and 2.5.
- Cal Poly Humboldt will continue to influence Arcata's demographics, resulting in a lower median age than surrounding communities and the state as a whole.

The City anticipates moderate population growth over the planning period. The planning period between 2000 and 2020 expected 1 percent growth per year and a total population growth of 20 percent. Over the decade from 2010 to 2020, the actual population growth was approximately 0.94 percent annually. The City is planning for the same annual background growth rate of 1 percent plus a growth factor associated with the increased population pressure associated with climate change, Cal Poly Humboldt, telework and COVID migrants, and a host of regional and local economic drivers that affect the desirability of this community. Considering all these factors, the General Plan 2045 population growth rate planning scenario is as high as 1.4 percent. The range of 1 percent to 1.4 percent results in a final population of between 25,000 and 27,000 by 2045. See Image 2-1 below for population projections.

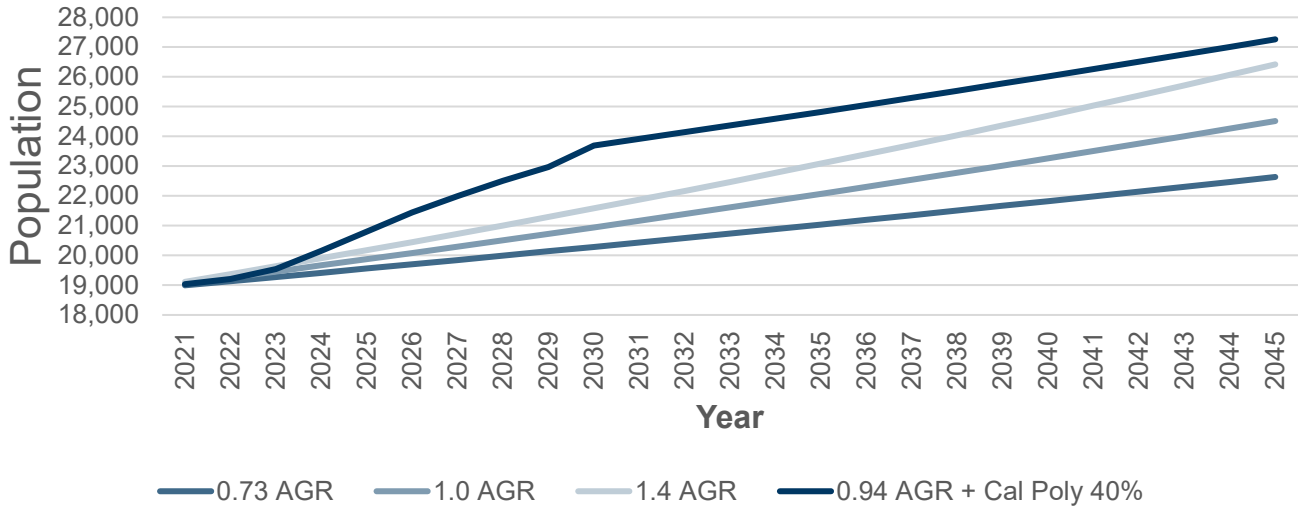

Image 2-1 Population Growth Scenarios.

The final populations and trend lines resulting from low, moderate, and high annual growth rates are shown along with a scenario that modeling 0.94 percent annual growth rate, the average annual growth rate for the 2010-2020 decade, plus 40 percent of the resident student and faculty population projected in the Cal Poly Humboldt Prospectus (HSU 2021).

Table 2.4-1 identifies population scenarios with estimated proportion of growth from Cal Poly Humboldt. The total population, total growth expressed as a percent of 2020 population, the average annual growth rate, and the proportion of the added population directly attributable to a student or faculty member is shown for each growth scenario. The Cal Poly Humboldt Prospectus anticipates a total resident population of just over 10,000 students by 2030 (HSU 2021). Cal Poly Humboldt students and faculty may make up a considerable proportion of the new growth within the City.

Table 2.4-1. Population Scenarios with Various Average Annual Growth Rates

Parameter	Average Annual Growth Rate (AGR) Scenario		
	0.73 AGR	1.0 AGR	1.4 AGR
Population			
2020 Population (starting population)	18,857	18,857	18,857
2045 Additional Population	3,771	5,643	7,543
2045 Total Population (Starting + Additional)	22,628	24,500	26,400
Growth			
25-year growth as a percent	20%	30%	40%
Average annualized growth rate (AGR)	0.73%	1.06%	1.36%
Cal Poly Humboldt Contribution to Growth			
Cal Poly Humboldt Proportion - 40% Prospectus	57%	38%	29%
Cal Poly Humboldt Proportion - 60% Prospectus	86%	57%	43%

Source: City of Arcata 2023

Employment and the Economy

Arcata's economy will continue to emphasize a balance between education, health care and social services, arts and entertainment, retail trade and manufacturing, construction, and resource industries with more emphasis on science, technology, engineering, and mathematics and tech over time as Humboldt State University continues to transition to California's third polytechnic university.

Employment and Economy Assumptions

- Arcata will continue to attract small and medium sized businesses that are predominantly local start-ups.
- Business retention and succession planning will play a critical role in maintaining Arcata's economy and jobs base.

Major employers within Arcata include Cal Poly Humboldt, Mad River Community Hospital, Bettendorf Trucking, the Danco Group, and the North Coast Coop, but nearly 80 percent of employers have fewer than 10 employees. Small businesses are the foundation of the economy in Arcata.

Remote workforce acceptance will continue, creating jobs in the community that would otherwise be required to leave to obtain that work and, conversely, will provide workers the flexibility to move to Arcata, despite their place of employment being located elsewhere. This will predominantly impact white collar workers, potentially increasing Area Median Income and creating new markets for service, retail, and entertainment industries.

Housing

The City will grow within its existing boundaries. Infill development preserves the greenbelt around the City and provides for reinvestment in existing neighborhoods. The 2019 Housing Element identified Infill Opportunity Zones to prioritize for future infill efforts (see Section 2.5.2). In addition, the proposed General Plan 2045 Land Use Element has several changes to emphasize infill, including upzoning throughout the City, increasing allowable density in existing zones, and providing more flexibility in mixed use zones to increase housing production.

Housing Assumptions

- New housing will result from infill, not greenfield expansion/annexation.
- As the largest regional employer and principal population driver in Arcata, Cal-Poly Humboldt will continue to have an outsized influence on housing in the City. Cal-Poly Humboldt plans to develop and maintain housing to accommodate approximately 50% of its planned 2030 resident student population.

In addition to the City's emphasis on infill, the State housing law continues to shift towards providing property owners more options for by-right (ministerial) housing development. Accessory dwelling unit law, small lot subdivision law, the Housing Accountability Act, the Housing Crisis Act, the Affordable Housing and High Road Jobs Act of 2022, to name a few, are State attempts to address the housing crisis. Each of these provides streamlined permitting for housing development. This will likely result in an increase in development concentrated on housing production that the City will have little to no discretion to prohibit or condition.

It is assumed that the total resident maximum population in 2045 will be up to 27,000 (as stated above), and that 4,340 additional dwelling units would be developed to accommodate that growth. This Draft EIR assumes that the creation of dwelling units would occur within the City's existing boundaries, particularly within the Infill Opportunity Zones. However, due to the infinite combinations of how this development could occur and for the purpose of analysis in this Draft EIR, assumptions were made regarding the location and number of units to be developed by 2045. These assumptions include housing development to meet the need of future residents will be disbursed throughout the City with approximately 42 percent of units (46 percent of the population growth) estimated to occur within the Infill Opportunity Zones identified in the City's 6th Cycle Housing Element, 22 percent of units (32 percent of population growth) on sites scattered throughout the City, and the balance provided by Cal Poly Humboldt.

Environment and Infrastructure

Climate change will drive internal and external stresses. Coastal cities, including Arcata, will be impacted by migration of climate refugees permanently leaving other parts of the state and the nation seeking more moderate climates. Inland fires and high heat will affect air quality and population fluctuations associated with evacuees and climate tourists. Direct climate impacts will include changes in rainfall patterns, possible changes in summer fog and precipitation affecting forest health and agriculture, and sea level rise. In addition, fire risk will increase over time, which will affect a large proportion of residences in or adjacent to the forest areas and/or the urban interface.

Environment and Infrastructure Assumptions

- The natural resources surrounding the City will be protected through existing and updated City greenbelt policy and programs. While not currently engaged in intensive agricultural production, the lands around Humboldt Bay are productive and reflect an untapped source for food security and climate resilience.
- Physical infrastructure, including the wastewater treatment plant, water and sewer lines, water storage infrastructure, roads, and infrastructure associated with public services (e.g., police, fire protection, medical), will need to be repaired, updated, and replaced to meet the growth demands during the planning period.
- Green infrastructure, including Arcata Bay, the bottom lands, forests, and several creeks and wetlands within the City's boundaries, will continue to be protected and restored through City policy and its active acquisition and restoration programs.

Transportation and other community infrastructure systems are expected to increase in efficiency due to increased travel choices and improved community facility management practices. General Plan 2045 emphasizes bicycle and pedestrian pathway connections throughout the City, with the linking of neighborhoods to the downtown a high priority. More efficient transit service is planned to reduce reliance on single-occupancy vehicles.

Water, wastewater, energy conservation, drainage, and source-reduction measures will reduce the need for increases in infrastructure capacity and promote more efficient operation of existing systems.

The protection, enhancement, and management of the natural environment, and preservation of open space will continue to be high priorities. Creek, wetland, bayland and tideland, agriculture, forest, soil and mineral resource issues, and the broader issue of natural biological diversity and ecosystem function are specifically addressed in the General Plan 2045. The designation of open space throughout the City, and the agricultural greenbelt area around the City, are integral to Arcata's future form.

Reduced air, water, and noise pollution, along with increased protection from natural and built hazards, are planned. Emergency preparedness and prevention will increase through neighborhood-based efforts such as the

Community Emergency Response Team, improved coordination between community and business groups, and emergency response agencies. Northern California is extremely seismically active, and care must be taken to prevent human exposure to hazardous and unstable areas. Improved identification of these areas, and use of construction methods that increase stability of new and retrofitted structures, will help minimize risks and offer protection from physical hazards.

The architectural diversity and historic structures that form Arcata's unique physical character are important community assets to be preserved for the future. The General Plan includes Design and Historical Preservation Elements that provide guidelines for compatible design and resource preservation. The Design Element is intended to ensure community diversity and quality in the built environment, with structures that are harmonious with their neighborhoods. The Historical Preservation Element designates and protects landmark structures and sites that represent the City's social and physical development. These designated structures and sites serve as reminders of past eras, events, and significant persons in local, state, or national history.

2.5 Project Location and Setting

The City of Arcata is an incorporated community with an estimated population of approximately 18,900 persons in 2020, located in Humboldt County on California's North Coast (Census 2020). The City's incorporated area is approximately 11.4 square miles in size and situated on a coastal terrace at the north edge of Humboldt Bay (Figure 2-1 – City of Arcata Planning Areas). Humboldt Bay is a significant regional geographic feature and is the second largest marine embayment in California. The major features of the City are the Arcata Bayfront, including the Arcata Marsh and Wildlife Sanctuary, the Plaza and surrounding downtown area, Cal Poly Humboldt, the community forest and wooded slopes of Fickle Ridge, and the Arcata Bottoms agricultural lands to the west. Arcata is the second largest city in Humboldt County.

Arcata's land use characteristics have been shaped by many factors and reflect more than 140 years of Eurocentric development. The early settlement of the town, then called Uniontown, grew around the central open space Plaza. The timber industry also left an indelible land use imprint on the community. Many of the lumber mills, which operated in the early to mid-1900s, are now closed and the abandoned mill sites are undergoing a slow transformation to other uses.

Cal Poly Humboldt occupies approximately 146 acres, east of State Route (SR) 101 and within walking distance of the downtown area. It is the northernmost campus in the California State University system, the community's major employer and a regional education center with a year-around curriculum. Cal Poly Humboldt has made recent land acquisitions throughout the City and the General Plan 2045 is developed under the assumption that there will be additional acquisitions throughout the planning period.

Current acquisition includes:

– Creekside (APN 505-161-011)
– Stewart School (APN 020-133-003)
– Cal Poly Bookstore (APN 021-044-008)
– Craftsman Mall (APN 505-022-011, -012; 503-372-002 through -006)

Arcata's Bayfront first served as a community dock and shipping port, and the adjacent marsh now functions as a world-renowned wastewater treatment facility and wildlife refuge. Many residential areas of Arcata, such as Sunny Brae and Bayside, were built while unincorporated County lands, subsequently annexed to the City. The lot sizes, subdivision designs and street configurations of these areas reflect County, rather than City, development guidelines. These and other factors have influenced the land use characteristics of the community and will play an important role in shaping land use patterns for the future.

In Arcata, there are residential, commercial, industrial, agricultural / forest / natural resource, and community facility uses similar to those found in other communities. It is Arcata's mixture of history, the diversity of uses within those land use categories, and how the community values its history and diversity, that makes the City unique.

2.5.1 City Limits, Urban Services Boundary, Sphere of Influence, and Planning Area

The City limits, Urban Services Boundary, Sphere of Influence, and Planning Area are shown on Figure 2-1 – City of Arcata Planning Areas. Collectively, these planning features, and the policies that guide related development activities such as annexation, constitute much of the City's growth management program. Each of these features is described in more detail below. California planning law requires the City to adopt a general plan for lands within its limits and for any land outside its boundaries which bears relation to its planning. Each section of the Draft EIR will define the area considered in that section's respective analysis (i.e., the study area). The majority of the Draft EIR study areas equate to the City limits because the City limits represents the incorporated lands under the direct jurisdiction of the City.

City Limits

This includes all incorporated lands under the direct jurisdiction of the City. Adjustments to City limits require annexation approval by the Local Agency Formation Commission and the City. During the General Plan 2045 planning period, the City's growth is expected to be accommodated entirely through redevelopment and infill. However, forestlands owned by the City that are part of its Non-Industrial Timberland Management Plan or other natural areas, such as the McDaniel Slough restoration area, may be annexed for non-urban development uses. The City does not expect to annex for urban development.

Urban Services Boundary

The Urban Services Boundary encompasses the area wherein urban development is expected to occur during the General Plan 2045 planning period. Inside the City limits, the boundary excludes areas inappropriate for urban development, such as certain Agriculture – Exclusive designated lands and the Natural Resource designated lands such as the Arcata Marsh and Community Forest. The Urban Services Boundary can include areas outside of the City limits but within the Sphere of Influence where urban development is planned. It does not extend outside the City's Sphere of Influence. The boundary is determined by the City's interest in extending services and infrastructure (water, wastewater collection, police services, etc.) for urban uses. The City provides certain unincorporated areas (Pacific Manor and Jacoby Creek) with "water only" services, as shown on Figure 2-1.

Sphere of Influence

The Sphere of Influence includes unincorporated lands (under County jurisdiction) that may be annexed into the City during the General Plan 2045 planning period. Designating unincorporated lands in the Sphere of Influence allows the City to plan for the eventual annexation and extension of services as part of community growth. A Sphere of Influence is described as a plan for the probable ultimate physical boundaries and service area of a local agency. The Humboldt Local Agency Formation Commission adopted Arcata's current Sphere of Influence in 1987 and most recently amended it in 2020.

Planning Area

Defining a Planning Area is a means by which the City can communicate its concerns for the future of surrounding lands under the jurisdiction of the County or neighboring cities. The Planning Area may extend beyond the City's Sphere of Influence.

The City's Planning Area includes the incorporated City, surrounding county lands beyond the Sphere of Influence that are intended to remain unincorporated, where uses and activities impact the City. The Planning Area boundary is determined by geographic features such as the Pacific Ocean, dunes, the Mad River, Arcata Bay, the Fickle Hill ridge line, and hydrological features such as the watersheds of Arcata's creeks. It includes all of the Arcata Bottoms north of Arcata Bay, south of the Mad River (and south of Mad River Beach County Park), and west of the City. It also includes all of the Janes, Jolly Giant, Grotzman, and Jacoby Creek watersheds to the east and south. Other considerations for determining the Planning Area include preserving viewsheds and maintaining a greenbelt around the City.

2.5.2 Neighborhood Centers and Employment Areas

The Plaza is located in the central downtown portion of the City, specifically between 8th and 9th Streets and H and G Streets and is the historical central point that the City (formerly known as Uniontown) grew around. While the Plaza area is a significant commercial, cultural, social, and civic center of the community, there are several other distinct neighborhood and employment areas, or centers, that provide residential, commercial, and recreation areas, as well as community facilities for residents. The most prominent of the neighborhood centers and employment areas are described below.

Valley West / Giuntoli Lane Neighborhood Center

This neighborhood center is in the northernmost part of the City, west and east of SR 101, west of SR 299, and south of the Mad River. Existing land uses include a shopping center, visitor-serving commercial areas along Valley West Boulevard, a mix of commercial and industrial businesses along Giuntoli Lane, and surrounding residential areas. Its location between two freeways makes this area the major highway-oriented visitor-serving area of the City. Most of the hotel and motel rooms and franchise restaurants in the City are located on Valley West Boulevard. Other commercial uses include medical and other professional offices, auto related, and building supply businesses. There are several industrial uses, including manufacturing businesses, located along Giuntoli Lane. The residential uses are a mix of apartments, condominiums, mobile homes, and some single-family homes on larger lots.

Westwood / Sunset Neighborhood Center

This neighborhood center is in the western part of the City and includes a shopping center and commercial businesses along Alliance Road. Arcata Elementary School and neighborhood parks (Larson and Cahill Parks) are located east of Alliance Road and west of SR 101. The residential uses in this area are a mix of single-family homes, apartments, and condominiums. The Westwood Market is the main commercial use that anchors this neighborhood center.

Sunny Brae Neighborhood Center

This neighborhood center is in the southeastern part of the City and includes the Sunny Brae shopping center, Sunny Brae School, and surrounding residential areas. The main commercial uses include a market and hardware store. There are several restaurants, professional offices, and smaller retail businesses located in the Center. The residential uses in this area are a mix of single-family homes and apartments.

Bayside Neighborhood Center

This small neighborhood center is in the southern part of the City and includes commercial businesses, the Bayside School, Post Office, Community Center, and surrounding residential area. The residential uses in this area are predominantly single-family homes.

West End / Aldergrove Employment Center

This employment center is in the northeastern part of the City, west of SR 299, south of the Mad River, and north of West End Road's undercrossing below SR 101. The major industrial uses include the Louisiana-Pacific and Britt Lumber wood products facilities and the uses in the Aldergrove Industrial Park. There are also warehousing, trucking, building services, wood products milling and manufacturing, and related industrial uses along West End Road. Commercial uses in this area include auto and boat sales and service, professional offices, and food preparation and distribution services. There are low density residential uses in the unincorporated area to the east. The area has direct access to SR 299 and railroad tracks extending through the Aldergrove Industrial Park.

Samoa Boulevard and South G Street Employment Center

This employment center is in the southern part of the City and includes general and limited industrial, general commercial businesses on both sides of Samoa Boulevard, and the business park site south of Samoa Boulevard. The major industrial uses include North Coast Hardwoods, Johnson Products, and the Yakima

Products facility. Commercial uses include restaurants and retail businesses, auto related products and services, professional offices, and private recreational facilities. There are residential uses adjacent to the north and south of Samoa Boulevard. The area has direct access to SR 255, is within a mile of SR 101, and there are railroad tracks along the north side of Samoa Boulevard.

Gateway Area

The Gateway Area covers 138 acres and includes a mix of commercial, industrial, and residential uses, including the Creamery Building. It is bordered by Samoa Boulevard to the south and extends to Alliance Road to the north.

Infill Opportunity Zones

By increasing the density of local zoning and reducing barriers to development in areas with high potential for infill development, the City can target higher-density development to priority areas for affordable housing. In the Housing Element update in 2019, the City identified four neighborhoods whose current mix of uses present opportunities for infill development (Figure 2-3A – Existing Zoning and Infill Opportunity Zones). These areas are in close proximity to transit, commercial areas, support economic development efforts and the proposed mix of land uses may allow residents to live closer to their places of work and thereby encourage alternative modes of transportation. Some of these areas will require rezoning (Figure 2-3B – Proposed Zoning and Infill Opportunity Zones). These areas collectively are anticipated to produce approximately half of the City's infill growth during the planning period. The areas described below reflect current configuration as enacted at a policy level through the adoption of the City's 6th Cycle Housing Element; future planning may make minor modifications to add or subtract acreage to areas described below.

Gateway Area Opportunity Zone

The Gateway Area Plan has been initiated for the Gateway Area Opportunity Zone and is explicitly considered under this Draft EIR. The Gateway Area is composed of 189 parcels totaling 139 acres adjacent to and west of the Downtown area. The properties incorporated in the Gateway Area are predominantly Industrial Limited and Industrial General; however, there are also 1.6 acres of Central Commercial, 5 acres of Residential Low Density, 3.3 acres of Residential Medium Density, 3.9 acres of Residential High Density, and 1.5 acres of Natural Resources – Public Trust zoned land. The Creamery District, located in the heart of the Gateway Area, is central to the form and function of this area with the Creamery Building itself reflecting much of the artistic and cultural spirit that the Gateway Area Plan envisions for the future. The Gateway Area is planned to provide approximately 500 new units to the City's housing stock over the planning period. It is expected that the majority of that growth will occur on a relatively small number of parcels that currently have the greatest opportunity.

Valley West Opportunity Zone

The Valley West Infill Opportunity Zone includes 33.9 acres in the north of the City situated along Giuntoli Lane and between Valley East and Valley West Boulevards. Current zoning includes a mix of Commercial General, 0.7 acres of Commercial Visitor Serving, and 15 acres of Industrial Limited. The Land Use Element amendments propose rezoning the Industrial Limited to Mixed Use and the Commercial Visitor-Serving to Commercial-Mixed. However, the vacant and underutilized lands within the Valley West Opportunity Zone provide far greater development potential than current and proposed zoning would allow. The Valley West commercial areas have significant redevelopment potential for both housing and economic opportunities. While the specific visioning and land use proposals for the area have not been initiated, this Draft EIR anticipates potential minimum development at the proposed Residential High Density. The Valley West Area is near Carlson Park, the City's only access to the Mad River, other residential high and medium density existing neighborhoods, and largely transportation-oriented shopping and services. In particular, the Valley West shopping center has approximately 8 acres of underdeveloped property that could substantially add to both housing and resident-based retail and services lacking in the area now.

Craftsman's Mall / St. Louis Opportunity Zone

The Craftsman's Mall / St. Louis Road Opportunity Zone includes 41.8 acres near the geographic center of the urbanized potions of the City. This Opportunity Zone has 37 parcels comprising 12.2 acres of Residential Low Density along Todd Court and Eye Street, 7 parcels comprising 12 acres of Industrial Limited zoning, 6 parcels comprising 4.9 acres of Industrial General zoning, and 4 parcels of 7 acres zoned Residential Medium Density. The average parcel size is 0.7 ac or 29,145.7 sq ft, and the Craftsman's Mall property, which has the highest immediate potential for redevelopment, is owned by Cal Poly Humboldt. This area is near Cal Poly Humboldt's campus and is an ideal location for high density housing. It is surrounded by lower density residential zoning districts. The area also includes a lumber mill that is in full operation. This area will likely take longer to have a significant impact on housing due to ownership patterns and the relatively built-out and constrained nature of the area. Notwithstanding, there is significant long-term potential in the Craftsman's Mall / St. Louis Opportunity Zone. The visioning and rezoning have not been initiated in this Opportunity Zone, but this Draft EIR anticipates the proposed Residential High Density zoning to be applied to the properties.

Downtown Opportunity Zone

The Downtown and surrounding near Downtown areas encompass over 53.3 acres comprised of a variety of land use designations including 25.2 acres of Central Commercial, 6.5 acres of Commercial General, 4.1 acres of Residential Medium Density, 0.4 acres of Residential High Density, and 1.7 acres of Public Facilities. This area is generally built out, but there are some parcels that have significant potential for redevelopment with modified zoning, as well as several smaller parcels that could either be redeveloped, modified, or rebuilt if the zoning allowed more flexibility. More specifically, this Opportunity Zone includes the Northcoast Co-op property and the Union Town Shopping Center. In addition to these two large parcels that could produce hundreds of units between them, there are several vacant sites and parking lots that could have housing or other uses built on upper floors, retaining the parking. The Downtown Opportunity Zone is in the City's center of commerce. The Downtown is near Cal Poly Humboldt, the Plaza, the Arcata Ball Park, shopping, restaurants, the Creamery District, and three grocery stores. The redevelopment within this area over the planning period is anticipated to produce 60 units, though the number could be much higher if either the Co-op or Union Town are redeveloped.

2.6 The Proposed Plan

The proposed plan is defined in the goals, policies, and implementation measures of the General Plan 2045. The General Plan 2045 includes 15 Elements organized into six Chapters, as well as an introduction and a glossary. An overview of the General Plan 2045 components and the degree of changes from the current General Plan 2020 is provided in Table 2.6-1 (General Plan 2045 Overview and Organization). Summary descriptions of the General Plan 2045 Elements are provided in this section, organized by the degree of change from the existing General Plan 2020. The full proposed General Plan 2045 is available through the City's website, www.cityofarcata.org, and should be referred to for a complete listing of goals, objectives, policies and implementation measures. In addition to the Plan components, General Plan 2045 will require subsequent zoning amendments and the creation of new zoning code in the Gateway Area, as further described in Section 2.7 (Future Zoning Amendments), below. All proposed and revised zoning code will be in conformance with the Gateway Area Plan and this Draft EIR. Minor updates to the General Plan 2020 include updates for consistency.

Table 2.6-1 General Plan 2045 Overview and Organization

General Plan 2045 Chapters and Elements	Change from Current General Plan 2020			
	No Change	Minor Updates	Comprehensive Updates	New Element
Introduction				
Introduction		♦		
Chapter 1: Community Vision Statement				
Arcata Community Vision		♦		
Chapter 2: Community Development				
Land Use Element			♦	
Growth Management Element		♦		
Circulation and Mobility Element			♦	
Public Facilities & Infrastructure Element			♦	
Gateway Area Plan Element				♦
Chapter 3: Housing and Human Services				
Housing Element & Appendices	♦			
Parks & Recreation Element			♦	
Chapter 4: Environmental Quality and Management				
Open Space Element		♦		
Resource Conservation & Management Element		♦		
Air Quality Element		♦		
Health Element				♦
Chapter 5: Design and Historic Preservation				
Design Element		♦		
Historic Preservation Element		♦		
Chapter 6: Health and Safety				
Public Safety Element		♦		
Noise Element		♦		
Glossary				
Glossary		♦		

Goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have an effect on the environment include:

- Changing allowable height and densities (see Land Use Designations within Section 2.6.1 below);
- Changing some land use designations, including the addition of new land use designations (see Figure 2-3B);
- Prioritizing development in Gateway Area as well as designated Infill Opportunity Zones (see Figure 2-3B);
- Modifications to the roadway alignments throughout the Gateway Area;
- Construction, modification, or maintenance of the Railroad Right-of-Way through the Arcata Gateway Area and conversion to roadway or trail;
- Construction and modification of structures at APN 021-173-002 (Creamery Complex) involving partial or full demolition of the structures on the western portion of the property and redevelopment of residential or mixed-use structures;

– Construction and modification of structure at APN 021-171-017 (Seely and Titlow Building) involving partial demolition and construction of residential or mixed-use addition; and
– Construction and modification of residential or mixed-use structures the vicinity of identified historic structures within the Gateway Infill Opportunity Area and Downtown Infill Opportunity Area.

2.6.1 Gateway Area Plan Element

The new Gateway Area Plan Element will establish new policies, land use designations, and development standards within the Gateway Area, which is an approximate 138-acre location entirely within City limits that is directly west of Arcata's downtown core and generally north of Samoa Blvd, west of K Street, and south of Alliance Ave (Figure 2-2 – General Plan Use Designations within the Gateway Area). Currently, the Gateway Area primarily consists of former industrial lands. Due to its proximity to the downtown and core infrastructure, the Gateway Area represents a priority opportunity area for future redevelopment and infill growth.

Individually, the Gateway Area Plan would function like a specific plan, outlining a development vision and regulations for a specific area of the City. However, as an Area Plan and an Element of the General Plan, the Gateway Area Plan must be consistent with the other elements of the General Plan, including the planning or growth horizon year, which is 2045. Therefore, implementation of the Gateway Area Plan within the planning period is what is considered in the General Plan. The major difference between implementation of the full Gateway Area Plan and implementation of the Gateway Area Plan within the planning period is the scale of development. The level of development analyzed in the General Plan 2045 is driven by anticipated population growth (7,000 new residents to live here by 2045).

Gateway Code

The City is developing a targeted infill zoning ordinance for the Gateway Area using a form-based code, referred to as the Gateway Code. The Gateway Code will introduce new mixed use and residential uses into existing residential, commercial mixed-use and industrial areas with four new zoning districts intended to guide the creation of new mixed use activity centers and high-quality neighborhoods in the Gateway Area. The Gateway Code will establish standards relating to building form, character, and streetscape; a new community benefit program; and a streamlined permitting process intended to reduce project-specific discretionary decision-making by relying on objective design standards. The code will promote high-quality architecture, pedestrian-oriented streets, and a variety of housing options through prescriptive standards relating to building form and placement, building frontages, parking, public spaces, and streets. The Gateway Code will also include options for streamlined review in exchange for pre-determined "community benefits" including environmental restoration, increased percentages of low- or moderate-income housing units, or dedication of parcel frontage for active transportation. It is anticipated that benefits with physical impacts would improve the environment (e.g., creek daylighting) or would be part of a principally permitted project exempt from additional CEQA review.

Land Use Designations

The Gateway Area land use designation is Commercial Mixed-Use. This base designation is further refined in the Gateway Area Plan by land use sub-designations, which allow for a high-intensity mix of residential and non-residential land uses (see Figure 2-2). Each of these sub-designations are also known as "Gateway Sub-areas." Table 2.6-2 describes development standards related to density and building height for each Sub-area described below.

Gateway Barrel District – [G-B]

The Gateway Barrel District (approximately 35 acres) provides a high-density walkable residential campus on a former barrel manufacturing site and neighboring former industrial sites. Building and site design supports a pedestrian-friendly public realm compatible with the internal high-density residential character of the District. While land uses include retail, office, personal service, restaurant, and light industrial uses, the District is primarily residential. The Gateway Barrel District allows building heights up to eight stories for development providing community benefits. See Image 2-2 for the Gateway-Barrel District illustrative plan.

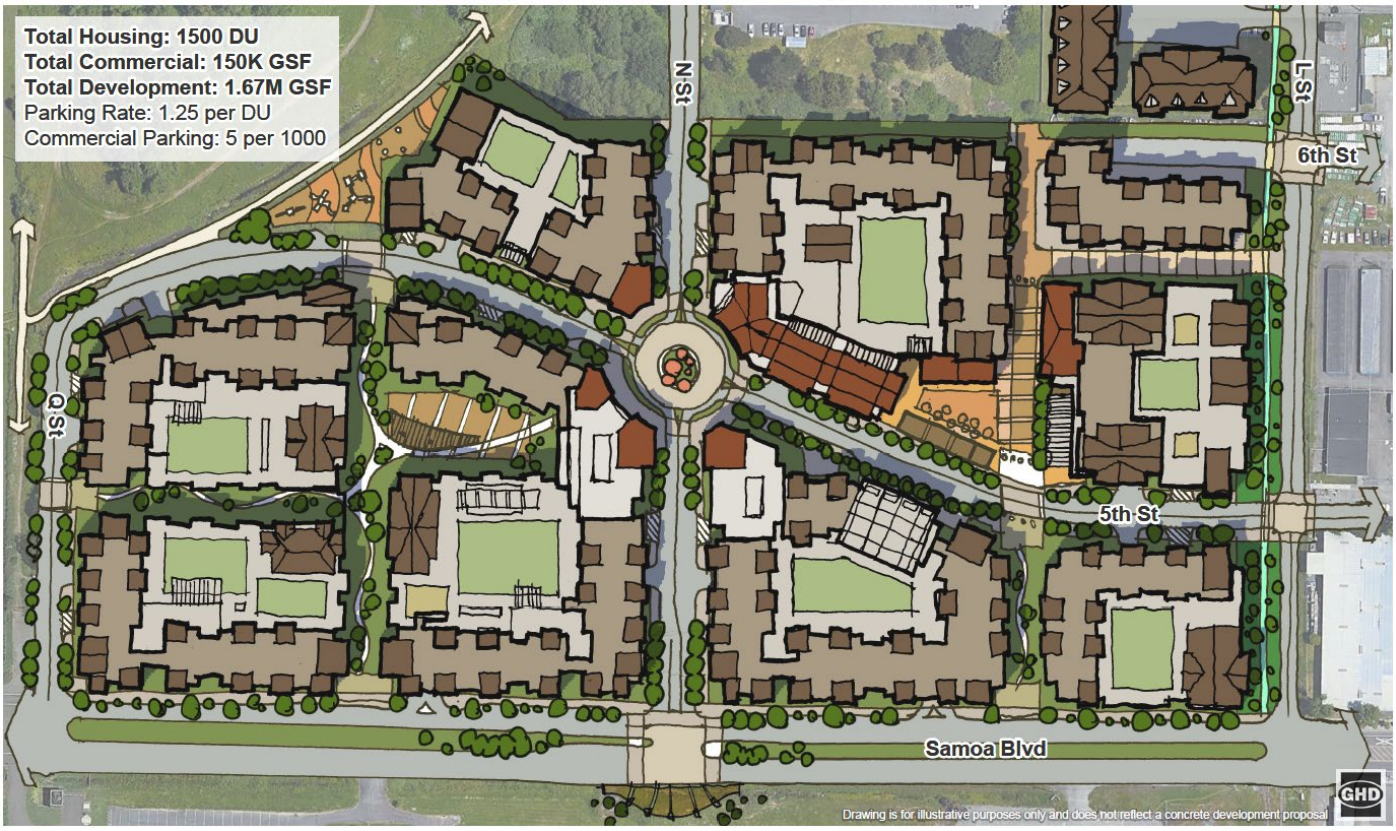

Image 2-2: Gateway-Barrel District Illustrative Plan

Gateway Hub- [G-H]

The Gateway Hub is a vibrant, high-intensity mixed-use area allowing for a broad range of residential, retail, office, personal service, restaurant, entertainment, light industrial, and other similar uses. The Gateway Hub allows building heights up to seven stories for development providing community benefits.

Gateway Corridor – [G-C]

The Gateway Corridor is a linear area along Samoa Blvd, L Street, and K Street, each of which serve as major bicycle and vehicular gateways into the City. This active, inviting, high-intensity, mixed-use designation requires a pedestrian-oriented ground floor design aesthetic intended to slow passing vehicular traffic and encourage drivers to park and walk. Street-facing uses primarily consist of non-residential uses, with residential allowed in limited cases as defined in the corresponding zone district. Upper floors primarily have residential uses, with some non-residential allowed in limited cases. Overall allowed uses include residential, retail, office, personal service, restaurant, entertainment, light industrial, and other similar uses. The Gateway Corridor allows building heights up to six stories for development providing community benefits.

Gateway Neighborhood – [G-N]

The Gateway Neighborhood provides a transition from the high-intensity Gateway Corridor to lower intensity residential uses outside of the Gateway Plan Area. Allowed land uses include residential, retail, office, personal service, restaurant, light industrial, and other similar uses. The Gateway Neighborhood allows building heights up to five stories for development providing community benefits. Building and site design supports a pedestrian-friendly public realm compatible with the residential character of surrounding areas.

Other Designations

Other designations that occur in the Gateway Area, such as Natural Resource, are described in the General Plan 2045 Land Use Element.

Community Benefits Program

The community benefits program requires developer and/or construction applicants to incorporate designated community amenities (a.k.a. “community benefits”) into proposed development projects in exchange for a streamlined, by-right approval process and increased development potential. This program is intended to facilitate the production of new multifamily and mixed-use residential development with amenities that benefit the general public. Amenities have been specifically targeted for the opportunities in the Gateway Plan Area. Multifamily and mixed-use residential projects throughout the Gateway Plan Area are eligible for participation in the Community Benefits Program. To be eligible for incentives, a project must meet City-specified architectural standards (outlined in the Form-Based Code or Gateway Code), minimum density requirement, and include a specified percent of affordable units. Table 2.6-2 shows the development standards and different community benefit bonus tiers, which permits higher intensities of development in exchange for greater levels of community benefits.

Table 2.6-2 Development Standards for Base Level Projects and Community Benefit Projects

	Base Tier	Community Benefits Bonus Tiers			
		Bonus Tier 1	Bonus Tier 2	Bonus Tier 3	Bonus Tier 4
Land Use Designations					
Gateway Barrel (G-B) District	Optional	Optional	Optional	Optional	Optional
Gateway Hub (G-H)	Optional	Optional	Optional	Optional	Not permitted
Gateway Corridor (G-C)	Optional	Optional	Optional	Not permitted	Not permitted
Gateway Neighborhood (G-N)	Optional	Optional	Not permitted	Not permitted	Not permitted
Development Standards					
Minimum residential density (du/ac)[1,2]	18	27	35	44	53
Maximum residential density (du/ac)[3]	NA	NA	NA	NA	NA
Building Height, Maximum Height	50	60	70	80	90
Building Height, Maximum Stories	4	5	6	7	8
Building Height, Minimum Stories[2]	2	3	3	4	5
Baseline Architectural Standards[4]	Required	Required	Required	Required	Required
Community Benefits	Conditioned[5]	Required[6]	Required[6]	Required[6]	Required[6]
Conditional Use Permit	Required	Not Required	Not Required	Not Required	Not Required
Design Review approval	Required	Not Required	Not Required	Not Required	Not Required
Other committee approvals	TBD[7]	Not Required[8]	Not Required[8]	Not Required[8]	Not Required[8]

Source: City of Arcata

Notes
1. Projects that do not provide the designated minimum residential density will need to obtain a use permit demonstrating projects support Gateway Area vision and objectives. For details, see Gateway Zoning Code (also known as form-based code).
2. Some use types (such as theaters) are exempt from minimum density requirements and minimum story requirements. Also exempt from minimum density requirements and minimum story requirements are some building types (such as historically significant structures and the adaptive reuse of existing buildings). For details, see Gateway Zoning Code (also known as form-based code).
3. The maximum number of residential units for any project will be determined through other development standards, such as building

height, setbacks, and Building Code requirements for minimum unit size.
4. Determined by applicable zone district. See Gateway Zoning Code (also known as form-based code).
5. Community benefits are not necessarily required but may be required as Conditions of Approval issued through discretionary processes, which may be required as determined by Gateway Zoning Code (also known as form-based code). The number of committees that must issue approvals will vary depending on applicable zone district and project type.
6. Required community benefits determined by applicable zone district. See Gateway Zoning Code (also known as form-based code).
7. Projects within the Base Tier may be required to receive approval from one or more discretionary City committees and may be subject to committee-issued conditions of approval. Requirements to receive approval from City committees will vary depending on location and project type. See Gateway Zoning Code (also known as form-based code) to determine if any discretionary committee approvals are required.
8. Projects that qualify for any of the Community Benefit Bonus Tiers are not required to receive approval from any City committees and are not subject to any conditions of approval issued by any City committees.

2.6.2 Land Use Element

The Land Use Element is intended to guide future land use decisions, and will continue to include the general distribution and general location and extent of the uses of land for housing, business, industry, open space, agriculture, natural resources, recreation, public buildings and grounds, greenways, and other categories of public and private uses of land within the City and its Planning Area, which is unchanged from Arcata's General Plan 2020 adoption in 2000.

Figures 2-3A and 2-3B illustrate the existing and proposed distribution of land uses by designation, as described in the General Plan 2045. In addition to designating land uses on the Land Use Diagram (Figure 2-3B), the Land Use Element includes goals, policies, and implementation measures for the overall land use pattern, and for each of the land use categories in the General Plan 2045 described below. Base zoning may be further augmented by state law, which allows for additional residential density in certain circumstances. The following Land Use Element land use designations are further described below, and an overview of changes in land use designations is presented below in Table 2.6-3 – Proposed Density Changes Summary.

Residential Land Use

– Very Low Density – [R-VL]: This allows the lowest density, two or fewer primary units (on individual lots) per acre, primarily for single family residential development.
– Low Density – [R-L]: This is the most common residential designation found throughout the community, including the older, historical neighborhoods. It allows one primary unit or duplex per lot.
– Medium Density – [R-M]: The multi-family and attached unit types associated with this designation include duplexes, townhouses, co-housing, low density apartments, and modular housing located in mobile home parks. Densities allow up to 25 units per acre.
– High Density – [R-H]: This designation is limited to a few areas in the City. In central Arcata and near Cal Poly Humboldt, this designation is intended to increase the affordable housing supply and preserve residential units within walking distances to commercial areas and Cal Poly Humboldt. On some undeveloped parcels, this designation allows for large-scale development proposals. Densities allow up to 50 units per acre.

Commercial Land Use

– Commercial Central – [C-C]: This designation covers most of the 17 blocks surrounding the Plaza and includes retail, professional office, civic, hotel, theater, upper floor residential, and similar uses.
– Commercial – Mixed Use [C-M]: This land use designation allows high-density infill development with a high degree of flexibility around uses. This land use designation is applied to a wide variety of parcels throughout the City considered suitable for infill development, redevelopment, and densification. Densities allow up to 50 units per acre.

Industrial Land Use

– Limited Industrial – [I-L]: This designation is intended to provide attractive industrial areas suitable for light manufacturing and limited commercial uses.

– General Industrial – [I-G]: This indicates areas that are appropriate for manufacturing, large-scale wood processing and storage, auto wrecking and storage yards, and all other high impact general industrial operations.

Public Facilities

– Public Facility – [PF]: This includes schools, public services and administrative offices, wastewater and solid waste management facilities, public parking lots, parks and non-commercial recreation uses, golf courses, auditoriums, and other public assembly spaces, hospitals, cultural facilities, community gardens, communication (including telecommunications) and transportation facilities, and utilities.

Agricultural and Natural Resource Lands

– Natural Resource – [NR]: This designation is applied to public or private lands where protection of unique and/or sensitive natural resources or managed production of resources are the primary objectives. The resources element describes three subdistrict zones within the Natural Resource district which are designated: Wetland Stream Protection Zone [NR-WSPZ], Timber Production Zone [NR-TPZ], and Public Trust Zone [NR-PTZ].

– Agriculture Exclusive – [A-E]: This is intended to preserve land for agricultural production. The Agriculture Exclusive designation is appropriate for lands with prime agricultural soils that are in productive farm use and wetlands that are used as grazed agricultural lands. Minimum lot sizes are 20 acres outside the coastal zone and 60 acres within the coastal zone.

– Agriculture – Residential [A-R]: This allows very low density (one primary unit per 2.5 acres on individual lots) agriculturally related residential development on smaller parcels of agricultural land.

Infill and Density

The Land Use Element will continue to accommodate projections of population and economic growth using infill principles. By increasing the density of local zoning and reducing barriers to development in areas with high potential for infill development, the City can target higher-density development to priority areas for affordable housing. The City's anticipated growth during the planning period is expected be contained within the present City boundary and concentrated largely within the Gateway Area and other Infill Opportunity Zones identified in the City's adopted 6th Cycle Housing Element in 2019 (Figure 2-3B). The General Plan 2045 Land Use Element's proposed maximum density and floor area ratios are provided in Table 2.6-3, and available as Table LU-1 in the Land Use Element.

Table 2.6-3 Proposed Density Changes Summary

Land Use Designation		Maximum Density (dwelling units per acre)		Maximum Floor Area Ratio (FAR)	
		Current GP 2020	Proposed GP 2045*	Current GP 2020	Proposed GP 2045
Residential					
R-VL	Residential - Very Low Density	2 du/acre	No change	0.2	No change
R-L	Residential - Low Density	7.25 du/acre	No change	0.5	No change
R-M	Residential - Medium Density	15 du/acre	25 du/acre	n/a	No change
R-H	Residential - High Density	32 du/acre	50 du/acre	n/a	No change
Commercial and Industrial					
C-C	Commercial - Central	n/a	No change	4.0	n/a
C-M	Commercial - Mixed Use	15 du/acre	50 du/acre	2.0	n/a
I-G	Industrial – General	Not allowed	No change	1.5	No change

Land Use Designation		Maximum Density (dwelling units per acre)		Maximum Floor Area Ratio (FAR)	
		Current GP 2020	Proposed GP 2045*	Current GP 2020	Proposed GP 2045
I-L	Industrial – Limited	15 du/acre	No change	1.5	No change
Gateway Area**					
G-B	Gateway-Barrel District	-	n/a	-	n/a
G-C	Gateway-Corridor	-	n/a	-	n/a
G-H	Gateway-Hub	-	n/a	-	n/a
G-N	Gateway-Neighborhood	-	n/a	-	n/a
Other Designations					
A-E	Agricultural - Exclusive	1 du/parcel	No change	0.1	No change
A-R	Agriculture - Residential	1 du/parcel	No change	0.1	No change
NR	Natural Resource	1 du/parcel	No change	n/a	No change
PF	Public Facility	None	No change	1.5	No change
NZ	Not Zoned		No change		No change

Notes:
du = dwelling unit
*All Residential Land Use Classifications Subject to state accessory dwelling unit law
**There are no maximum densities or FAR in the Gateway Area

Similar to existing growth management principles, growth will be concentrated in and around the Downtown area, the Gateway Plan area, existing neighborhood commercial centers, and Cal Poly Humboldt. These areas are in close proximity to transit, commercial areas, support economic development efforts and the proposed mix of land uses may allow residents to live closer to their places of work and thereby encourage alternative modes of transportation. Some of these areas will require rezoning (Figure 2-3B – Proposed Zoning and Infill Opportunity Zones). These areas collectively are anticipated to produce approximately half of the City's infill growth during the General Plan 2045 planning period. The areas described below reflect current configuration as enacted at a policy level through the adoption of the City's 6th Cycle Housing Element (2019); future planning may make minor modifications to add or subtract acreage to areas described below.

Gateway Area Infill Opportunity Zone

The Gateway Area Plan has been initiated for the Gateway Area Infill Opportunity Zone and is explicitly considered under this Draft EIR as a new element of the General Plan 2045. The Gateway Area is planned to provide approximately 500 new units to the City's housing stock over the planning period. It is expected that the majority of that growth will occur on a relatively small number of parcels that currently have the greatest opportunity.

Valley West Infill Opportunity Zone

The Land Use Element amendments propose converting the Industrial Limited, Commercial Visitor-Serving, and Commercial-General Land Use designations to Commercial-Mixed Use. The Valley West commercial areas have significant redevelopment potential for both housing and economic opportunities. While the specific visioning for the area has not been initiated, this Draft EIR anticipates potential minimum development at the proposed Residential High Density. The Valley West shopping center has approximately 8 acres of underdeveloped property that could substantially add to both housing and resident-based retail and services lacking in the area now.

Craftsman's Mall / St. Louis Infill Opportunity Zone

This area will likely take longer to have a significant impact on housing due to ownership patterns and the relatively built-out and constrained nature of the area. Notwithstanding, there is significant long-term potential in the Craftsman's Mall / St. Louis Opportunity Zone. The specific visioning has not been initiated in this Infill Opportunity Zone, but this Draft EIR anticipates potential minimum development at Residential High and Medium Densities.

Downtown Infill Opportunity Zone

This area is generally built out, but there are some parcels that have significant potential for redevelopment with modified zoning, as well as several smaller parcels that could either be redeveloped, modified, or rebuilt if the zoning allowed more flexibility. More specifically, this Infill Opportunity Zone includes the Northcoast Co-op property and the Union Town Shopping Center. In addition to these two large parcels that could produce hundreds of units between them, there are several vacant sites and parking lots that could have housing or other uses built on upper floors, retaining the parking. The redevelopment within this area over the planning period is anticipated to produce 60 units, though the number could be much higher if either the Northcoast Co-op or Union Town Shopping Center are redeveloped.

Targeted upzoning (or increases in the allowable uses, residential densities, and development standards) will be necessary in these Infill Opportunity Zones to meet the both the City's 6th Cycle (2019-2027) housing allocation, and to meet 20-year growth projections through the Plan period of 2045. Outside of the Infill Opportunity Zones described above, the Land Use Map and development standards applicable throughout the City limits are anticipated to receive relatively minor changes from the General Plan 2020 and are described below. The updated Land Use Element's proposed modifications to land use designations and residential densities outside of the Infill Opportunity Zones that have the potential to impact future intensity of use within the City's neighborhood centers and employment areas include the following.

Valley West / Giuntoli Lane Neighborhood Center

The General Plan 2045 envisions the Valley West / Giuntoli Lane Neighborhood Commercial Area as a major residential and commercial center for North Arcata serving both neighborhood and regional needs. The Valley West area is also an Infill Opportunity Zone. Existing Commercial-Visitor Serving and Commercial-General zoning is proposed to be converted to Mixed-Use, which will expand allowed use types in the northern portions of the Valley West Neighborhood Center. The area surrounding the Valley West Shopping Center, including the adjacent commercial, office, and residential areas, shall be planned to accommodate a large concentration of high-density residential development as well as retail establishments, entertainment services, restaurants, and business and professional offices. High density residential use in the Valley West Infill Opportunity Zone will be streamlined and residential units shall be included, where feasible, in all new commercial development within the Valley West area. Valley West's Carlson Park will also be promoted as a major regional draw as Arcata's only park with direct access to the Mad River.

Westwood / Sunset Neighborhood Center

The General Plan 2045 envisions the Westwood / Sunset Neighborhood Center as a similar small-scale mix of residential and commercial uses with a focus on neighborhood serving businesses with a higher proposed maximum density in the Commercial-Mixed zone of up to 50 dwelling units per acre (previously 15 dwelling units per acre). No modifications to the number of parcels zoned for commercial / mixed use is proposed.

Sunny Brae Neighborhood Center

The General Plan 2045 envisions the Sunnybrae Neighborhood Center as a similar small-scale mix of residential and commercial uses with a focus on a neighborhood serving businesses with a higher proposed maximum density in the Commercial-Mixed zone of up to 50 dwelling units per acre (previously 15 dwelling units per acre). No modifications to the number of parcels zoned for commercial / mixed use is proposed.

Bayside Neighborhood Center

The General Plan 2045 envisions the Bayside Neighborhood Center as a similar small-scale mix of residential and commercial uses with a focus on a neighborhood serving businesses with a higher proposed maximum density in the Commercial-Mixed zone of up to 50 dwelling units per acre (previously 15 dwelling units per acre). No modifications to the number of parcels zoned for commercial / mixed use is proposed.

West End / Aldergrove Employment Center

The General Plan 2045 envisions the West End / Aldergrove Employment Center as a major industrial employment center for North Arcata with a concentration of living-wage industrial businesses and a synergy with the Valley West commercial area. Mixed use will be encouraged. Existing zoning will generally remain with limited conversions to the City-owned Happy Valley parcels (conversion from Industrial-General to Industrial-Limited).

Samoa Boulevard and South G Street Employment Center

The General Plan 2045 envisions the Samoa and South G Employment Center as a dynamic employment center for South / Central Arcata with a concentration of locally serving and visitor-serving businesses, with a gradual emphasis of commercial investment into areas within the City's Sea Level Rise Adaption Zone and limited residential investment, which will be targeted to inland areas of the City. Existing zoning will generally remain with targeted updates along Samoa Blvd (conversion from Coastal Commercial-General to Coastal Commercial-Mixed Use).

Gateway Area

The General Plan 2045 proposes significant land use updates in this designated area in the southwestern part of the City through inclusion of the Gateway Area Plan Element. The Gateway Area Plan establishes a broad range of residential and mixed-use redevelopment with an emphasis on housing creation in this area due to proximity to Downtown and other community services and destinations. Detailed description of the Gateway Area Plan Element is provided in Section 2.6.1 (Gateway Area Plan Element).

2.6.3 Circulation and Mobility Element

The Circulation and Mobility Element comprehensively addresses forms of, and facilities for, transportation. This includes travel demand and transportation system management, bus transit, streets and highways, bicycle and pedestrian facilities, parking, trail routes, and transportation improvement funding. There is policy direction for maintaining a balanced transportation system, with choices for transit, bicycle, and pedestrian, as well as private vehicle transportation modes.

The Circulation and Mobility Element will continue to include the general location and extent of existing and proposed major thoroughfares; vehicle, bike, and bus transportation routes; terminals; and other local public utilities and facilities, all correlated with the Land Use Element of the General Plan 2045. To accommodate anticipated growth, the Circulation and Mobility Element will also be updated to include plans for a more balanced, multi-modal transportation network that meets the needs of all users of streets, roads, and highways (including bicyclists, children, persons with disabilities, motorists, movers of commercial goods, pedestrians, users of public transportation, and seniors) for safe and convenient travel in a manner that is appropriate within the context of our community. The City's Pedestrian and Bike Master Plan (adopted 2010) will inform this update.

Outside of the Gateway Area Plan boundary, the General Plan 2045 Circulation and Mobility Element received minor changes from the General Plan 2020 with a clear renewed emphasis on safety, reflected in new language intended to ensure slow speeds and traffic calming are prioritized on all City streets, and de-emphasize Level of Service as a criterion for evaluating impacts of new proposed development, instead relying on methods that better measure a project's transportation-related environmental impacts such as vehicle miles traveled. Other changes include updated descriptions of the existing circulation system, travel patterns, travel demand, and traffic operations; updates to the planned future circulation system; minor enhancements to the goals and policies; and updated implementation programs.

Changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have impacts on the environment include:

– Constructing or modifying streets, sidewalks, and trails and other vehicular and active transportation amenities; and
– Implementing changes in the existing circulation network.

2.6.4 Public Facilities and Infrastructure Element

The Public Facilities and Infrastructure Element addresses water supply and delivery, wastewater collection and treatment, stormwater management, educational facilities, community facilities, and integrated waste management. This Element addresses increased efficiency in providing facilities and services, and conservation by users.

The Public Facilities and Infrastructure Element will support growth in the identified Potential Infill Opportunity Zones and capacities of facilities such as the City's Wastewater Treatment Facility. This update will analyze necessary updates to development strategy based on recent planning documents, including the Humboldt County Association of Government's Regional Transportation Plan-VROOM 2022-2042, the City's Wastewater Treatment Improvements Project Facility Plan (2017), Wastewater Treatment Plant Final Pre-Design Report (2019), Infill Market Study (2021), and the City's Capital Improvement Program. The Public Facilities and Infrastructure Element update will leverage this analysis and identify infrastructure upgrades required to address population buildout over the planning period. This Element will consist of substantial changes from the General Plan 2020.

Changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have impacts on the environment include:

- Upgrades to the City's wastewater treatment facility (core treatment plant upgrades, levee augmentation, etc.) and continued evaluation of on- and off-site alternatives to existing treatment facility in partnership with relevant state agencies, including North Coast Regional Water Quality Control Board, and as part of Capital Improvement Planning;
- Modifications to waste management and organics waste collection in response to the SB 1383 mandate;
- Improvements to City's water distribution and storage system as a part of Capital Improvement Planning;
- Improvements to City's sewer collection system as a part of Capital Improvement Planning;
- Constructing or modifying water supply and delivery systems to serve the population; and
- Modifications and upgrades to citywide facilities to accommodate demand (e.g., City Hall, public facilities / libraries, community and neighborhood centers).

2.6.5 Parks and Recreation Element

The Parks and Recreation Element (adopted in 1994) has served the City as the central policy document to guide the provision of parks and recreation in the City. The Element addressed a wide variety of recreation programs with policy areas addressing the community's desire to provide a wide spectrum of parks and recreation opportunities and facilities; encouraging cooperative agreements with other government entities and public / private partnerships to enhance the availability of recreation programs; and emphasized fiscal responsibility and the objective to minimize environmental impacts.

The new Parks and Recreation Element will draw heavily upon the Parks and Recreation Master Plan (adopted 2010) and upon goals and policies described in the Open Space Element. The Parks and Recreation Element will include an assessment of the current condition of parks and related facilities, analyze the existing and projected public demand for parks and recreation facilities, establish policies and guidelines for park planning and development, and identify funding sources for these initiatives. This Element consists of substantial changes from the General Plan 2020, with the entire Element being replaced.

Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have impacts on the environment include:

- Expanding recreational opportunities in the City;
- Construction, modification, or maintenance of existing or new parks, recreational facilities, special use areas, greenways, or beautification areas; and
- Acquisition of new parkland or natural areas.

2.6.6 Health Element

This Element contains new health-related policy as well as new updated health policy previously housed in the Public Safety Element of the General Plan 2020. Topic areas relate to the intersections of local government policy control areas (land use, transportation, education, public engagement) and health. Although not subject to Senate Bill 1000, which requires cities with identified disadvantaged communities to incorporate environmental justice elements into their general plans, the Health Element includes many similar policies and goals intended to equitably increase healthy outcomes for all members of the Arcata community.

The Health Element will address community health concerns by outlining goals and objectives relating to active living, recreation, and physical activity; social connection and safety; healthy housing and environmental health exposures; healthy food access; health and human services; and community engagement. Health policy will be developed with a racial equity lens, in partnership with a diverse set of stakeholders living and working in Arcata's community.

The Health Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have impacts on the environment are "cross-cutting" and will be captured through other elements of the General Plan 2045 (for example: parks facilities locations, transit-oriented development, public transportation).

2.6.7 Minor Updates

Eight elements will receive minor updates. A description of each element and updates to policy, goals, or implementation measures that could potentially have an impact on the environment are described below.

Design Element

This Element addresses overall community character, Downtown design, scenic highways and entryways to the City, scenic resources and landscape features, subdivision and residential design, commercial and industrial design, and landscape design.

The Design Element identifies detailed design policy in various neighborhoods throughout the City with particular emphasis on standards and review of the Arcata Plaza area, which constitutes the City's current Downtown core. Updates to the Design Element add policy around Infill Opportunity Zones and the development of objective design standards that can be applied for with new residential development designed at a higher density and intensity of use than what has historically been encouraged throughout these areas. The 2019 Housing Element and Infill Market Study (2021) will inform the update of this Element. This Element received only modest changes from the General Plan 2020.

The City's updated objective design standards will ensure no significant impact to community aesthetics, particularly because all Infill Opportunity Zones qualify as "urbanized areas" outside of natural scenic areas. In limited cases where Infill Opportunity Zones align with applicable zoning or other regulations governing scenic quality (e.g., coastal zone viewsheds, Downtown historic landmarks), the Design Element will include policy to ensure consistency with aesthetic quality. Such changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 are not anticipated to impact the environment.

Several sections in the General Plan 2020 Design Element were more detailed than is appropriate for policy. Much of the detail was stricken from policy where the implementing ordinance and programs already include detail. These changes have no impact on the environment because the implementing regulations remain in place.

Several areas of the City were designated as locally scenic (Policy D-3a, D-3b, and D-3d), and several hedgerows, windrows, and clumps of trees were addressed in General Plan 2020 (Policy D-3i). These policies were removed or modified. These changes are not anticipated to have an effect on the environment because they were advisory only and/or the policy implementation remains in place.

Historic Preservation Element

This Element addresses historic landmarks, a process for identifying potentially historic sites, the Plaza Historic District, neighborhood conservation areas, controls on demolition of historic structures, public participation and education, and archeological and cultural resources.

The Historic Preservation Element identifies design policy in various neighborhoods throughout the City with particular emphasis on standards and review of the Arcata Plaza area, which constitutes the City's current Downtown core. The changes to the Historic Preservation Element are minor and associated with identification of historic resources.

Public Safety Element

This Element addresses emergency preparedness, seismic and other geologic hazards, flood and fire hazards, hazardous materials, crime safety, human health hazards, and climate adaptation and resiliency.

The Public Safety Element will continue to identify risks of fires, floods, droughts, earthquakes, tsunami, and landslides. An update of the Public Safety Element will comply with California Government Code Section 65302(g) and SBs 375 and 379. Climate change adaptation will be a principal focus of the Public Safety Element update. The Public Safety Element will acknowledge the context of other relevant plans at the regional and state level and align City goals and policies with these efforts. The City is currently included in the Humboldt County Local Hazard Mitigation Plan (adopted 2020) and County-wide Climate Action Plan (in progress). This Element received only minor changes from the General Plan 2020.

Changes to the Public Safety Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially impact the environment include:

– Expansion of Public Services personnel (police, fire) and relevant equipment;
– Expansions to existing evacuation routes/transportation facilities; and
– Cleanup of contaminated sites as part of Gateway Area Plan implementation (community benefits program).

Open Space Element

The Open Space Element addresses designating lands as open space to provide for protection of natural habitats and species as well as for public health; managed production of natural resources such as agricultural and forest products; recreational uses; coastal access; and avoidance of areas such as steep slopes, faults, and flood zones that are potentially hazardous if developed with intense urban uses.

The Open Space Element will continue to include details regarding the preservation of natural resources, the managed production of resources, outdoor recreation, and public health and safety, as well as tribal cultural resources within the context of related state and regional plans. The update of the Open Space Element will comply with California Government Code Sections 65302(e) and 65560 for the comprehensive and long-range preservation and conservation of open space land within the City. This Element received only minor changes from the General Plan 2020.

Changes to the Open Space Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially impact the environment include:

– Expanding on the identification and acquisition of open space areas;
– Encouraging the daylighting of creeks; and
– Subjecting high fire risk areas to defensible space, non-flammable materials, and suppression measures as applicable.

Resource Conservation and Management Element

This Element addresses conservation and management of the City's natural resources, including forested hillsides (including community forests), agricultural areas, baylands, tidelands, creeks, sloughs, and wetlands. These natural features are as much a part of the community as homes, shops, businesses, and schools.

Conserving, enhancing, and managing energy, water, and mineral resources, as well as natural systems, are essential considerations.

The Resource Conservation and Management Element will continue to address the conservation, development, and utilization of natural resources including water, forests, soils, rivers and other waters, wildlife, minerals, and other natural resources. The Energy Resource Management Policy will be updated to encourage the reduction of non-renewable resource use and to reflect the City's current participation in Redwood Coast Energy Authority's Community Choice Energy program, which supports renewable energy purchases. This Element received only minor changes from the General Plan 2020.

Changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially impact the environment include:

– Updates relating to the Arcata Community Forest Management Plan 2020 Update;
– Implementing energy alternative, energy conservation and greenhouse gas (GHG) reduction measures from Redwood Coast Energy Authority's Comprehensive Action Plan for Energy and the Humboldt Regional Climate Action Plan; and
– Developing an Electrification Ordinance to phase out natural gas infrastructure and use.

Growth Management Element

The Growth Management Element addresses the City's plan for growth and development in the Planning Area Boundary and Sphere of Influence, which encompass unincorporated lands outside City boundaries (see Figure 2-1). This Element also addresses growth and development issues within the City's incorporated limits and defines the Urban Services Boundary, which is the limit that City maintained services such as water, sewer, and drainage can be extended. This Element ensures municipal services and management operations are coordinated concurrently with anticipated development and consistency with Land Use, Circulation, Housing, and other Element plans and policies. Ensuring sufficient community facilities and support services is important to maintain social equity. Procedures for annexation of lands within the Sphere of Influence and modification of the Urban Services Boundary are also included in this Element.

The Growth Management Element will reaffirm the Urban Growth Boundary for the City and will continue to bolster the policies and programs of the Open Space Element. The update of the Growth Management Element is to align the existing Element with the Local Coastal Program and updated Municipal Services Review per the Local Agency Formation Commission. The Growth Management Element amendments will emphasize infill development, including new policies, to reaffirm an internal focus on future growth. This Element received only minor changes from the General Plan 2020.

Changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 that could potentially have impacts on the environment include:

– Planned growth and prioritization of infill projects;
– Development in natural resource areas, although limited at rural densities;
– Updates to Sphere of Influence policies and language to ensure in compliance with state law; and
– Changes to the criteria to evaluate and approve proposed annexations.

Noise Element

This Element addresses stationary noise sources and levels, transportation noise sources and levels, acoustic analysis requirements, intrusive and intermittent noise sources, and noise attenuation.

The Noise Element will continue to provide a basis for comprehensive local programs to control and abate environmental noise and to protect citizens from excessive exposure. The update of the Noise Element will address the changes resulting from residential densification in Infill Opportunity Zones, including more intense and diverse uses. This Element received only minor changes from the General Plan 2020.

The intent of the Noise Element update is to include policy to ensure consistency and compatibility with the environment as undertaken by the City as the relevant regulatory agency. As such, changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 are not anticipated to significantly impact the environment.

Air Quality Element

This Element addresses point and area sources of air pollutants, mobile sources of air pollutants, and regional air quality standards, monitoring, and education. Regional compliance to air quality standards is administered through the North Coast Unified Air Quality Management District (NCUAQMD). This Element addresses provisions for achieving and maintaining attainment of those standards.

The Air Quality Element will continue to address air pollution concerns and will bolster the policies and programs of the Air Quality Element. The update of the Air Quality Element will continue to have goals and objectives related to reducing air quality emissions from a variety of point and area sources, as well as mobile emissions. The Air Quality Element will continue to enforce the Regional Air Quality Standards enforced by the NCUAQMD. This Element received only minor changes from the General Plan 2020.

The intent of the Air Quality Element update is to include policy to ensure consistency and compatibility with the environment and ensure consistency with policies of the NCUAQMD as the relevant regulatory agency. As such, changes to the Element goals, policies, and related implementation measures proposed in the General Plan 2045 are not anticipated to significantly impact the environment.

2.7 Future Zoning Amendments

Subsequent to adoption of the General Plan 2045, the City's Zoning Code will require amendments to implement the new vision. These zones and zoning amendments will be derived from relevant General Plan 2020 policy housed in the Gateway Area Plan Element and the Land Use Element. Population growth is anticipated to be absorbed throughout the City primarily through infill, predominantly within the Infill Opportunity Zones. The City expects rezoning to accommodate new residential development, upzoning to allow higher densities in current residentially designated districts, and ordinances to address state law related to residential housing development (for example, accessory dwelling units (second units) and small lot subdivision requirements (SB 9 2020). All new and amended zoning code must be consistent with the General Plan 2045. The Gateway Code, along with the General Plan 2045 Gateway Area Plan Element, are collectively considered the "Project." Other citywide zoning amendments are considered subsequent and resultant actions to this Draft EIR.

2.8 General Plan Buildout Projections

The environmental analysis in this Draft EIR addresses the 'buildout' at the end of the planning period at year 2045. Two types of potential buildout are the theoretical buildout, which assumes maximum buildout of each parcel within the City limits, and the projected General Plan 2045 buildout, which is based on the anticipated growth and development demand over the planning period.

Theoretical Buildout

The theoretical buildout would be if each and every parcel within the City is fully developed to the maximum allowable use within the planning period, which is by 2045. This theoretical buildout scenario would result in construction and operation of a substantial number of new residential dwelling units as well as a substantial increase in non-residential land facilities. However, this growth scenario is highly unlikely to occur within the General Plan's planning period given the historical and anticipated growth rates of the City, and the anticipated development demand over the life of the General Plan 2045.

Projected 2045 General Plan Buildout

This Draft EIR evaluates the projected development that could occur with implementation of the General Plan through 2045. The projected development is informed by the City's historic and forecasted housing needs and development demands, as discussed in Section 2.4 (General Plan Assumptions). This approach is consistent with CEQA requirements that an EIR evaluate 'reasonably foreseeable' direct and indirect physical changes in the environment that may be caused by the project. Changes to the environment that are speculative or unlikely to occur are not considered 'reasonably foreseeable'.

The City expects to meet the development needs for housing and economic development for the 2045 planning period within its existing boundaries. The planned distribution of housing units with population growth on the upper end of the growth scenarios is stated above within the Housing section of Section 2.4 and is an approximation of where this growth will occur. Ultimately, the location of development will be dependent on market conditions; however, the list in Section 2.4 identifies reasonable assumptions regarding the likely location of growth. The development related to the City's economic growth will be concentrated in planned Mixed Use and Industrial Zones (see Land Use Element). Economic growth is planned to be commensurate with housing growth.

2.9 Environmental Protection Actions Incorporated into the Project

The following actions are included as part of the Project to reduce or avoid potential adverse effects that could result from construction or operation of the Project. Additional mitigation measures are presented in the following analysis sections in Chapter 3 – Community Environment. Environmental protection actions and mitigation measures, together, would be included in a Mitigation Monitoring Program at the time that the Project is considered for approval. The following Actions are included as implementation measures in relevant General Plan Elements.

Infrastructure Element

- Updates to and implementation of the City Urban Water Management Plan to ensure adequate storage capacity and promote water conservation
- Updates to and implementation of the Wastewater Maintenance Program to assess system capacity and condition and promote measures to reduce wastewater generation
- Updates to and implementation of the City's Capital Improvement Program
- Implementation of the City's Municipal Separate Storm Sewer System (MS4) requirements including provisions for maintaining integrity of stream hydrology and reducing pollutants from roads
- Updates to and implementation of the City Zero Waste Action Plan to reduce solid waste generation at the source
- Implement Infill & Infiltration projects to reduce influent flows to the Arcata Wastewater Treatment Facility during the winter season and improve overall functioning and reliability of the wastewater collection system

Resource Conservation and Management Element

- Updates to and implementation of the City Creeks and Wetlands Management Plan to maintain biological integrity and provide opportunities for restoration of degraded creeks
- Updates to and implementation of the City Forest Management Plan to manage aesthetic, timber, watershed, wildlife, and vegetation resources and maintain a monitoring program for forest practices
- Updates to and implementation of the City Energy Efficiency and Conservation Program to promote energy efficiency and identify and invest in energy programs
- Updates to and implementation of the Non-native Plant Species Removal Program to recommend nontoxic eradication measures for non-natives on private lands and establish eradication protocols on public lands

- Updates to and implementation of the City Sensitive Habitat Maps to ensure avoidance and appropriate treatment of sensitive habitats
- Updates to and implementation of the City Pesticide Ordinance to avoid potential hazards to the environment
- Creation of a Management Plan for the Jacoby Creek Gannon Slough Wildlife Area to guide management and restoration
- Creation of an Electrification Ordinance and Program for new construction to phase out natural gas

Land Use Element

- Updates to and implementation of the Land Use Code, which will ensure General Plan consistency and promotion of infill policies intended to reduce impacts on the environment (air quality and GHG emissions, infrastructure expansion)
- Conversion and reuse of contaminated mill and other industrial sites to pursue funding for environmental site assessments and cleanup of sites with environmental contaminants

Public Safety Element

- Updates to Floodplain Mapping and Management Program to maintain water quality and reduce exposure of people or structures to flood hazards
- Updates to and implementation of the City Emergency Preparedness and Response Programs to not expose people or structures to hazards including earthquake and tsunamis
- Evaluation of cooperative agreement with Fire Protection Agencies to provide protection to people and structures in case of wildfire

Circulation and Transportation Element

- Creation of a Neighborhood Traffic Management Program to install traffic calming devices and reduce hazards due to design features or incompatible land uses
- Updates to and implementation of the Pavement Management Program to and reduce hazards due to design features and improve water runoff as applicable
- Updates to and implementation of the City's Capital Improvement Program, Pedestrian Plan, and Bicycle Boulevards to encourage multi-modal transportation opportunities intended to reduce impacts on the environment (air quality and GHG emissions, infrastructure expansion)
- Exploration of Traffic Mitigation Fee Ordinance to mitigate traffic impacts
- Increased emphasis on vehicle miles traveled

Gateway Area Plan Element

- Creation and implementation of a Relocation Assistance Program and Housing Monitoring Program to reduce impacts of potential residential and business displacement
- Creation and implementation of Community benefits program to promote anti-displacement, energy conservation, vehicle miles traveled reduction and multi-modal transportation, wetland and creek restoration, and Brownfield cleanup and redevelopment
- Creation and implementation of the Gateway Habitat Map and Project list to maintain biological integrity and provide opportunities for restoration of degraded creeks and Environmentally Sensitive Habitat Areas
- Exploration of sewer pre-treatment to offset impacts to wastewater treatment capacity
- Creation and implementation of Gateway Infrastructure Financing Program to offset impacts to City infrastructure and utilities

2.10 Uses of the EIR and Required Agency Approvals

City of Arcata

The City is the lead agency for the proposed Project. After public circulation of the Draft EIR, the Draft EIR will go before the City Planning Commission for a public hearing. After the public hearing, a Final EIR will be prepared. The Final EIR will address public comments received during the public review period and any modifications, clarifications, or edits to the Draft EIR. The Final EIR will be reviewed by the City Council for consideration prior to making a decision. In order to approve the proposed Project, the City Council would consider the following actions:

– Certification of the EIR
– Adoption of required CEQA findings
– Adoption of a Statement of Overriding Considerations
– Adoption of a Mitigation Monitoring and Reportion Program
– Approval of the General Plan 2045
– Approval of the Gateway Code

Subsequent Use of the EIR

The City has prepared this Draft EIR to evaluate environmental effects associated with implementation of the General Plan 2045. Subsequent activities for more specific actions or development can use analysis from this Draft EIR where appropriate. CEQA Guidelines Section 15168(c)(2) provides that later activities that have been described adequately under a Program EIR will not require additional environmental documents. When necessary, new environmental documents, such as a subsequent or supplemental EIR or negative declaration would focus on the project-specific environmental impacts of later activities.

When considering approval of subsequent actions under the proposed General Plan 2045, the City would utilize this Draft EIR as the basis for determining potential environmental effects and the appropriate level of environmental review, if any, of the subsequent action. Projects or actions subsequent to this Draft EIR may include, but are not limited to:

– Infrastructure Master Plans (water, sewer, and other infrastructure);
– Proposed land use changes analyzed in this Draft EIR;
– Resident and Business Relocation Assistance Programs;
– Community Benefits Program;
– Future Specific Plan, Planned Unit Development, or Master Plan approvals, including the future Master Plan for the Barrel District;
– Pedestrian and Bike Master Plans;
– Circulation Projects in the Capital Improvement Program including the Fair Share Contribution for New Development;
– Parks and Recreation Master Plan updates;
– Open Space and/or Conservation Plans, including open space concept diagram revisions and the Public Space Acquisition Program;
– Development Plan approvals, such as tentative subdivision maps, variances, use permits, and other land use related permits;
– Development Agreements;
– Permit issuances and other approvals necessary for public and/or private development projects; and
– Permit issuances or other approvals necessary for implementation of the General Plan 2045.

These programs or actions would be consistent with this General Plan 2045 Draft EIR, including the Gateway Area Plan. The Office of Planning and Research provides guidance on evaluating later activity to determine whether it is eligible for consideration under a Program EIR. The City will use OPR guidance in coordination with CEQA Statute and Guidelines in evaluating projects and actions subsequent to the General Plan 2045. Streamlining environmental review of subsequent actions is governed by CEQA Statute Section 21083.3 and 21094.5, and CEQA Guidelines Section 15168(c) and 15168(d).

Other Public Agency Permits and Approvals

The City's approval of the proposed General Plan 2045 would not require any permits or approvals by other public agencies. Actions subsequent to the General Plan 2045 that support implementation of the General Plan may require permits or approvals by other public agencies. Subsequent actions may require the following permits and/or approvals:

- **U.S. Army Corps of Engineers**
  Section 404 of the Clean Water Act (applicable to fill within jurisdictional waterways and wetlands)
- **State Water Resources Control Board**
  Construction General Permit (applicable to certain construction activities)
- **North Coast Regional Water Quality Control Board**
  National Pollutant Discharge Elimination System, Report of Waste Discharge (applicable to activities that affect state jurisdictional waterways and wetlands),
  Section 401 of the Clean Water Act Water Quality Certification (applicable to activities that affect jurisdictional waterways and wetlands)
- **California Department of Fish and Wildlife**
  Lake and Streambed Alteration Agreement (applicable to activities that affect a lake, streambed or riparian corridor)
  Incidental Take Permit, Consistency Determination or Memorandum of Understanding for compliance with the California Endangered Species Act
- **U.S. Fish and Wildlife Service and or the National Marine Fisheries Service**
  Biological Opinion or Letter of Concurrence, for Endangered Species Act consultation (applicable to activities that adversely affect federally listed species)
- **Humboldt County Local Agency Formation Commission (Humboldt Local Agency Formation Commission)**
  Approval (applicable to alteration of public agency boundaries such as Annexations, Urban Service Boundaries, and Sphere of Influence)
  Applicable to alteration of public agency boundaries such as Annexations, Urban Service Boundaries, and Sphere of Influence
- **California Department of Transportation (Caltrans)**
  Encroachment Permit (applicable to activities that encroach within state highway facilities)
- **Humboldt County**
  Encroachment Permit (applicable to activities that encroach within unincorporated Humboldt County)

2.11 AB 52 and SB 18 Consultation

The CEQA requires lead agencies to determine if a proposed Project would have a significant effect on tribal cultural resources. The CEQA Guidelines define tribal cultural resources as: (1) a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe that is listed or eligible for listing on the California Register of Historical Resources, or on a local register of historical resources as defined in PRC Section 5020.1(k); or (2) a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant according to the historical register criteria in PRC Section 5024.1(c), and considering the significance of the resource to a California Native American tribe.

Prior to sending a formal AB 52/SB 18 consultation letter, the City met with the Tribal Historic Preservation Officers (THPOs) of the Wiyot Tribe, Bear River Band of the Rohnerville Rancheria, and Blue Lake Rancheria on January 19, 2022 to discuss the Gateway Area Plan Draft and provide information regarding the City's upcoming General Plan Update. At this meeting, the City and THPOs discussed updating relevant archeological mapping and City / Tribal contracting in addition to broader policy discussions.

To complete the AB 52 and SB 18 consultations required for this Draft EIR, the City sent notification letters to the THPOs of the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria on March 25, 2022. At that time, all three THPOs expressed interest in providing further comment on the General Plan 2045. The City committed to re-engage the THPOs once the project description for the General Plan 2045 EIR was finalized, as well as the draft update to the City's Historic Preservation Element of the General Plan. Once the EIR project description was finalized, the City re-engaged the THPOs and sent requests for continued consultation on March 23 and 24, 2023. At that time, only the Wiyot Tribe chose to continue to consult and a meeting to discuss the General Plan 2045 was set for May 5, 2023.

In their responses, the Wiyot tribe recommended an emphasis on requesting Wiyot tribal cultural monitors for monitoring projects as well as an interest in continued collaboration between governments to further City and tribal housing goals. This request has resulted in updated policies and implementation measures in the General Plan 2045. The City sent the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria tribes AB 52/SB 18 closure letters on July 20, 2023.

2.12 References

U.S. Census Bureau. 2020. Census of Population and Housing, updated every 10 years. Decennial Census by Decades

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City of Arcata. 2023. Draft Arcata General Plan Population Growth Calculator, version 2. Unpublished. Community Development Department.

City of Arcata. 2023. Draft General Plan 2045. December 12, 2023 version.

Humboldt State University (HSU). 2021. Humboldt State University Polytechnic Prospectus.

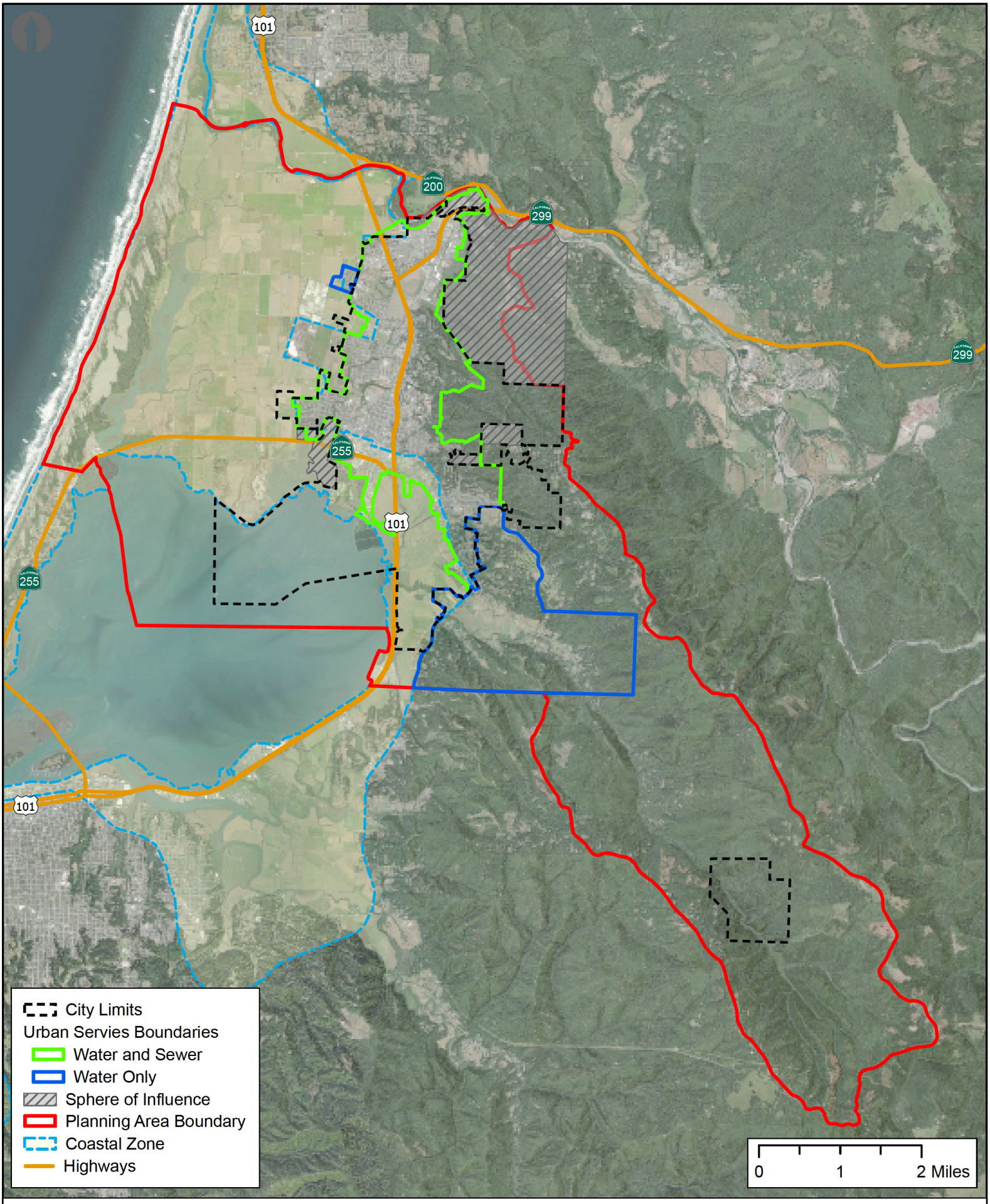

Figure 2-1: City of Arcata Planning Areas

Created by GHD
Map Date: 4/21/2023

Source: Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

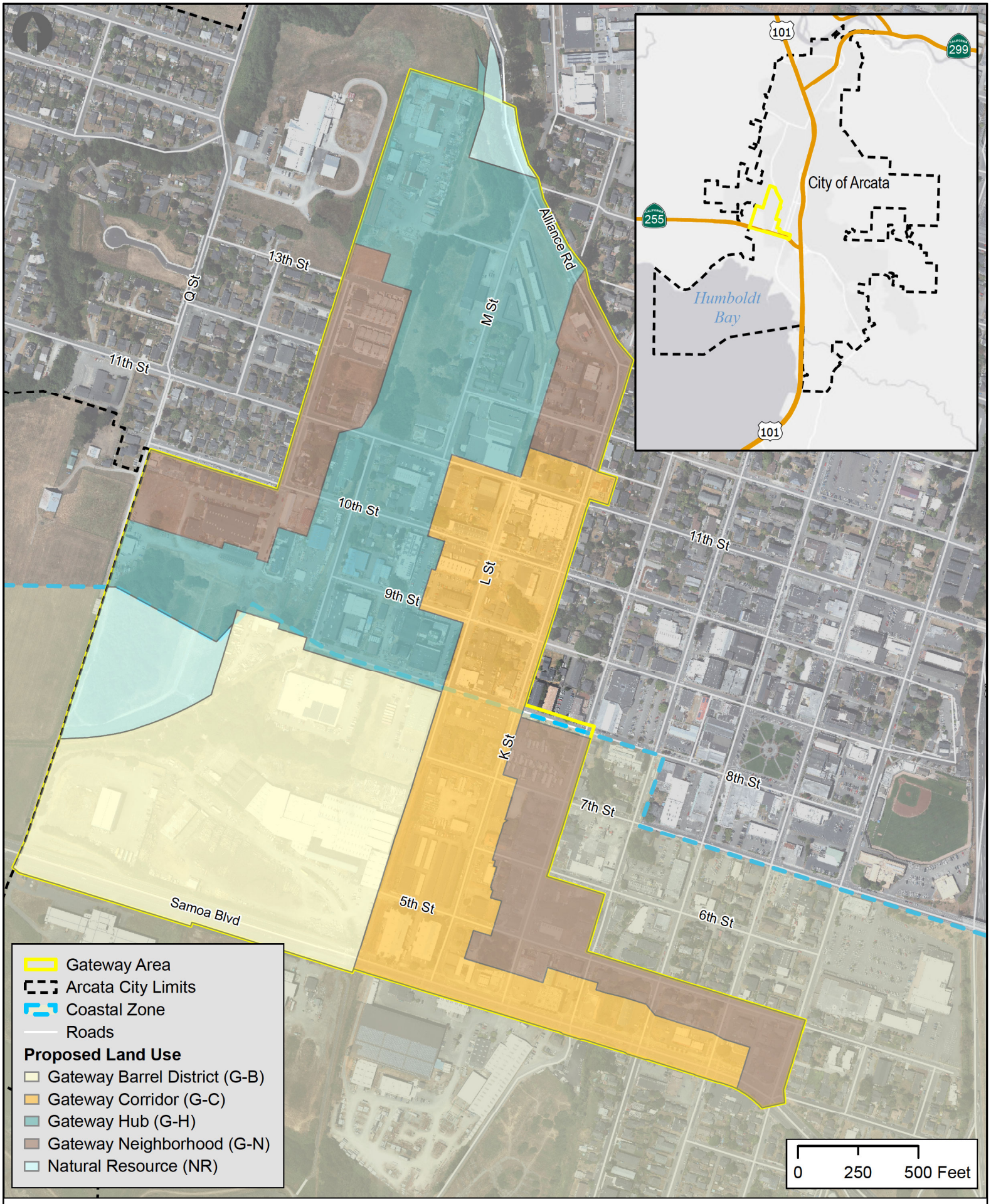

Figure 2-2: General Plan Use Designations Within the Gateway Area

Created by GHD
Map Date: 3/8/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS; Roads: Humboldt County; Proposed Facilities: GHD

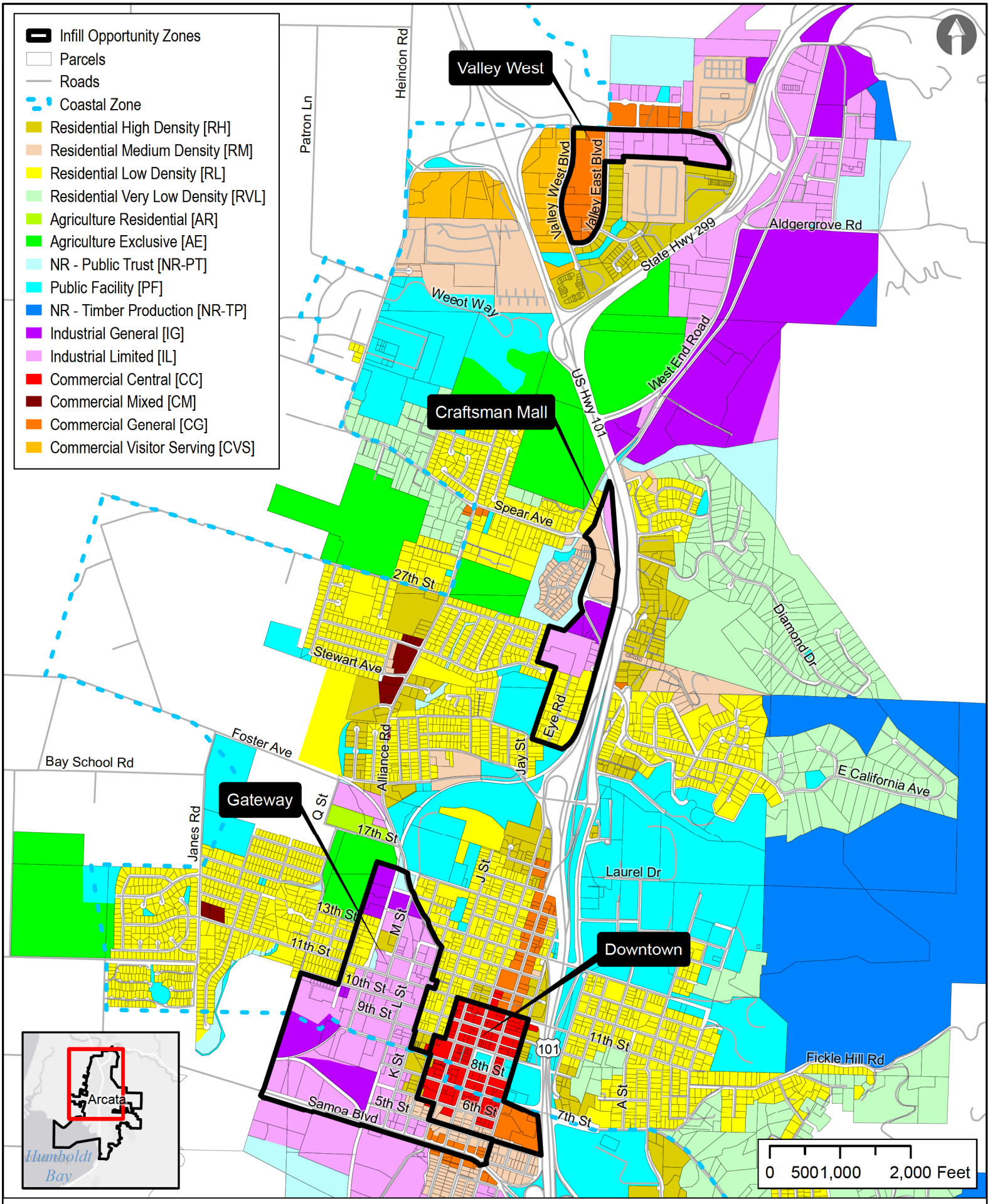

Figure 2-3A: Existing Zoning and Infill Opportunity Zones

Created by GHD
Map Date: 9/5/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS; Roads: Humboldt County; Proposed Facilities: GHD

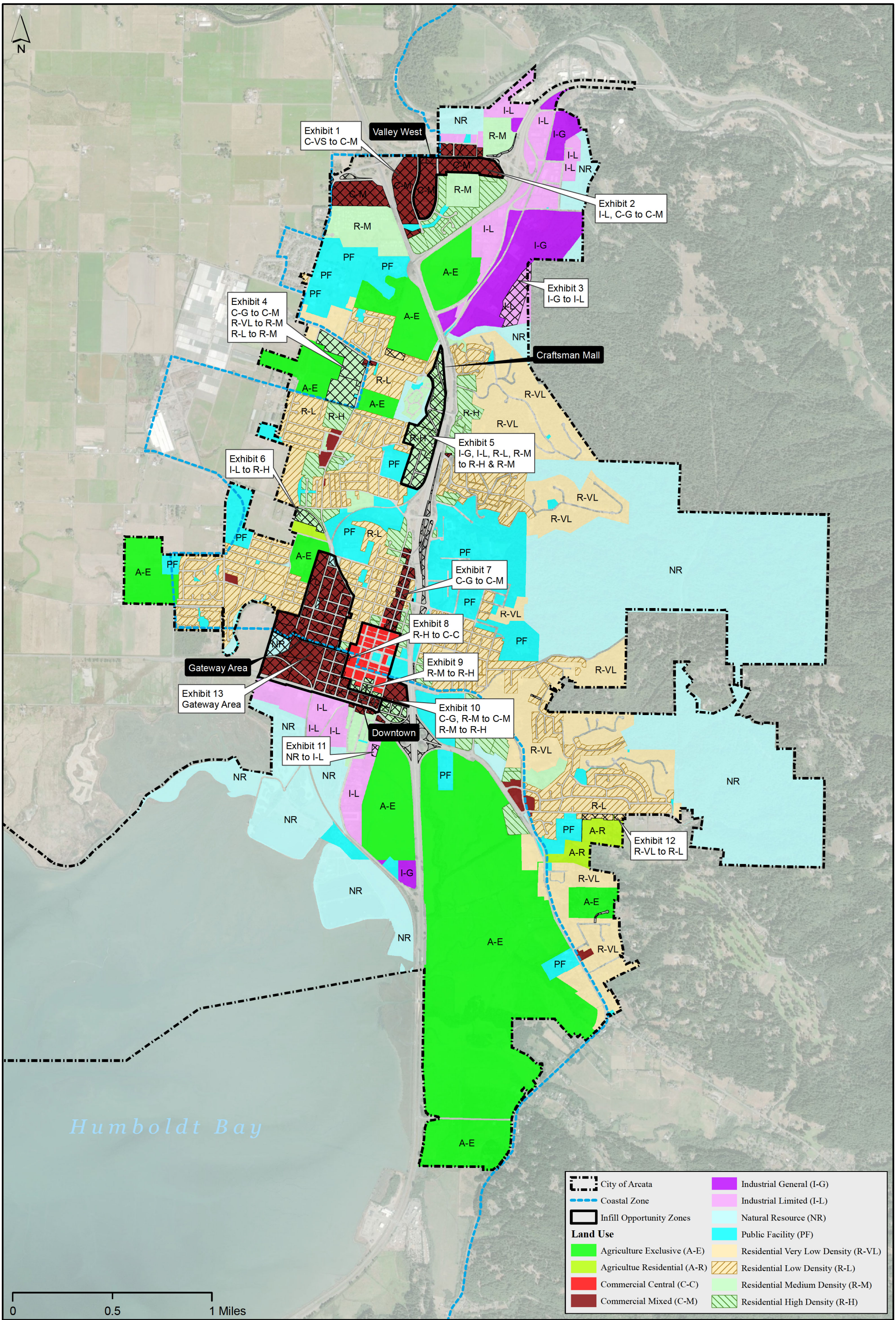

Figure 2-3b

City of Arcata
Proposed Zoning & Opportunity Zones

Created by Planwest Partners
Map Date: 12/15/2023

3.0 Community Environment

3.1 Introduction

The General Plan 2045 Community Environment Chapter refers to the resources and infrastructure that contribute to the wellbeing of the community. These include resources that influence the character of the community as well as public health and safety.

This Draft EIR analyzes the potential effects of the adoption and implementation of the General Plan 2045 on the environment under the applicable environmental resource categories listed in the CEQA Initial Study Checklist (Appendix G of the 2023 CEQA Guidelines). Draft EIR Chapter 3, Community Environment, addresses environmental resource areas potentially impacted by the General Plan 2045 in the following sections:

- 3.2 Aesthetics
- 3.3 Air Quality
- 3.4 Cultural Resources
- 3.5 Greenhouse Gas Emissions
- 3.6 Hazards and Hazardous Materials
- 3.7 Land Use and Planning
- 3.8 Noise
- 3.9 Population and Housing
- 3.10 Public Services and Recreation
- 3.11 Tribal Cultural Resources
- 3.12 Utilities and Service Systems

For each environmental resource area, the section describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the adoption and implementation of the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

3.2 Aesthetics

This section evaluates the potential impacts related to aesthetics and visual resources that could occur from implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the existing scenic resources and visual character for the region and City limits (study area), and the Regulatory Framework section describes the regulatory background that applies to implementation of the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates aesthetic and visual impacts, and identifies the significance of impacts.

3.2.1 Study Area

For impact assessment related to aesthetics, the City limits and surrounding areas mentioned in the General Plan 2020 and proposed General Plan 2045 was used as the study area (see Figure 2-1 – City of Arcata Planning Areas). The primary focus of this section is the City limits due to the proposed scope of infill development which will occur within City limits.

3.2.2 Setting

Regional Visual Character

Humboldt County is a densely forested mountainous and rural county with about 110 miles (177 km) of coastline (more than any other county in the state), situated along the Pacific coast in northern California's rugged Coast Mountain Ranges. Humboldt County contains picturesque scenery and is well known for its endemic redwood trees and foggy coastal climate. The rural character of the county is defined by the topography and the views afforded as a result of those natural landforms. With nearly 1,500,000 acres of combined public and private forest in production, Humboldt County alone produces 20 percent of total volume and 30 percent of the total value of all forest products produced in California. Humboldt County contains over 40 percent of all remaining old growth coast redwood forests, the vast majority of which are protected or strictly conserved within national, state, and local forests and parks. Numerous large watersheds containing scenic rivers and tributary streams are located in Humboldt County, which provide habitat for wildlife, recreation, and drinking water. Humboldt County also contains sweeping vistas of oak woodlands and meadows that are largely utilized for ranching of cattle, goats, and sheep, which support the local meat and cheese industry. Humboldt County’s varied and extensive Pacific Ocean coastline allows for a wide range of scenic vistas from SR 101 and from beaches, state parks, and Coastal Access points.

Visual Character of the Study Area

The City is a quaint, coastal city containing a dense and compact urban core centered around the Plaza and Downtown, with a series of varied and dispersed residential neighborhoods extending into the hills and bordering agricultural areas. Residences exist consistently throughout the study area, and industrial land uses are concentrated in certain portions of the study area (such as the Gateway Area and West End / Aldergrove Employment Center located in the northern portion of the City). Numerous Victorian-era homes and Victorian-era architectural buildings exist within Arcata, showcasing the area’s historic Victorian-era roots of economic prosperity and expansion, predominantly due to gold mining and logging. For the most part, buildings are small in scale and only a few buildings are three stories or more in height, although taller buildings exist within the Cal Poly Humboldt campus, as well as in the Creamery District and on the Plaza. Arcata is a vibrant town for artistic expression, as demonstrated by the numerous community events that offer the public opportunities to shop for produce, jewelry, homeware, clothing, and other goods from local producers, artists, and vendors, as well as view art and theater performances, listen to live music, and dance. Arcata is generally bordered to the southwest and west by Humboldt Bay and the Pacific Ocean, to the north by the Mad River and to the east and south by redwood forest. Extensive agricultural lands exist along the City’s western fringe in the area known as the Arcata Bottom, which extends outside of City limits west to the Mad River Slough and the Manila Dunes. The City

contains a variety of scenery including redwood forest, riparian, agriculture and bayfront, a variety of urban, suburban, and industrial neighborhoods, and views of expansive pastures and open space in the adjacent Arcata Bottoms.

According to the General Plan 2020, numerous coastal and non-coastal scenic highways, designated by the City, exist within the study area including:

- 7th Street and Bayside Road, from 7th Street overcrossing to Crescent Drive
- Bayside Cutoff, from SR 101 to Old Arcata Road
- Old Arcata Road, from Bayside Cutoff to Crescent Drive (portion within the study area, which excludes the lower approximately 0.35 mile)
- Samoa Blvd, from Crescent Drive to Manila (portion within the study area)
- Janes Road, from 11th Street to Foster Avenue
- SR 101, from the southerly City boundary to the Mad River (portion within the study area, which excludes the northern 0.85 mile)
- South I Street, from Samoa Blvd South
- South G Street, from H Street to SR 101
- All public roads west of the City in the Arcata Bottoms (predominantly outside of the study area)
- Fickle Hill Road (lower 0.20 mile)
- Golf Course Road (lower 0.20 mile)
- L.K. Wood Blvd from the St. Louis Road overcrossing to 14th Street

Caltrans operates the Scenic Highway Program, which is further described in Section 3.2.3 (Regulatory Framework). State Route 299 from SR 101 to Highway 96 is considered eligible to be a State Scenic Highway, of which the lower 1.5 miles of Highway 299 is within the study area (Caltrans 2019).

Visual Character of the Gateway Area

Currently, the Gateway Area contains a mixture of uses, including heavy- and light-industrial, retail, residential, and others, with a disjointed sense of identity. The Gateway Area once provided easy access to railways connecting Arcata to lumber mills along the Samoa Peninsula and the City of Eureka. As such, it was a prime location for industrial uses and continues to be the location of various industrial companies such as Industrial Electric, Humboldt Wholesale, Wing Inflatables, AmeriGas, and numerous auto repair and detailing shops. However, interspersed with these industrial uses are historic homes, boutique shops, condominiums, theaters, gyms, pubs, and restaurants.

Visual Character of Remaining Infill Opportunity Zones

Valley West Opportunity Zone

The visual character of the Valley West Opportunity Zone (33.9 acres) can be described as predominantly commercial. It contains a shopping center, visitor-servicing businesses along Valley West Boulevard, a mix of commercial and industrial businesses along Giuntoli Lane, and surrounding residential areas. Its location between two freeways makes this area the major highway-oriented visitor-serving area of the City. Most of the hotel and motel rooms and franchise restaurants in the City are located on Valley West Boulevard. The Valley West Area is near Carlson Park, the City's only access to the Mad River.

Craftsman's Mall / St. Louis Opportunity Zone

This area is near Cal Poly Humboldt's campus and is surrounded by lower density residential zoning districts. The Craftsman's Mall / St. Louis Opportunity Zone is approximately 41.8 acres, of which 10.5 acres are owned by Cal Poly Humboldt and are planned to contain new student housing and amenities. The area also includes a lumber mill, located adjacent to the Cal Poly Humboldt project site, that is in full operation. Scattered low-density housing and open space exists throughout the northern portion of this area, and moderately dense housing (with

some vacant areas) exists throughout the southern portion. The future Annie and Mary Trail, located along the Northwestern Pacific railroad tracks, will traverse the northern portion of this opportunity zone.

Downtown Opportunity Zone

The Downtown Opportunity Zone is in the City's center of commerce. The Downtown is near Cal Poly Humboldt, the Plaza, the Arcata Ball Park, shopping, restaurants, the Creamery District (located within the Gateway Area), and three grocery stores. The Downtown and surrounding near Downtown areas encompass over 53.3 acres comprising a variety of land use designations. This area is generally built out; however, it is considered an Infill Opportunity Zone because it contains some parcels that have significant potential for redevelopment with modified zoning, as well as several smaller parcels that could either be redeveloped, modified, or rebuilt if the zoning allowed more flexibility. The Downtown Opportunity Zone contains predominantly businesses at its core with residential houses and apartments surrounding the business core.

3.2.3 Regulatory Framework

Federal

The National Historic Preservation Act of 1966, administered by the National Park Service based on the Secretary of the Interior's standards for the protection and preservation of historic places, established a formal process and institutions to protect and preserve resources of national importance.

State

California Scenic Highway Program

Caltrans manages the California Scenic Highway Program to preserve and protect scenic highway corridors from change which would diminish the aesthetic value of lands adjacent to highways. No State-designated scenic highways or scenic highway view sheds are located in the Project vicinity; however, State Route 299 from SR 101 to Highway 96 is considered eligible to be a State Scenic Highway, of which the western 1.5 miles of Highway 299 is within the study area (Caltrans 2023).

California Coastal Act

The California Coastal Act was enacted by the State Legislature in 1976 and is the primary law that governs the decisions of the California Coastal Commission. The California Coastal Act outlines, among other things, standards for development within the Coastal Zone. The majority of the study area is outside of the Coastal Zone; however, the Coastal Zone exists within a 79-acre area within the western central portion of the study area, between the City boundary and 27th Street, Alliance Road, and Spear Avenue. This area is under "Local" jurisdiction, which is regulated by the City of Arcata's Local Coastal Program. The southern portion of the study area - the approximately 2,790-acre area located south of Samoa Blvd, and west of Old Arcata Road (which includes approximately 1,250 acres of Baylands) - is also within the Coastal Zone and is predominantly within the "State" jurisdiction, which is regulated by the California Coastal Act and enforced by the California Coastal Commission. There are also portions of this southern Coastal Zone area within the "Appeal" jurisdiction, which is regulated by the local municipality (the City of Arcata's Local Coastal Program) but is appealable to the California Coastal Commission, as well as areas under "Local" jurisdiction.

The following text includes Coastal Act regulations relevant to aesthetic resources.

Section 30251

(Scenic and Visual Qualities) under Article 6 (Development) of the California Coastal Act, states, "the scenic and visual qualities of coastal areas shall be considered and protected as a resource of public importance. Permitted development shall be sited and designed to protect views to and along the ocean and scenic coastal areas, to minimize the alteration of natural landforms, to be visually compatible with the

character of surrounding areas, and, where feasible, to restore and enhance visual quality in visually degraded areas."

Local

This section includes the City's existing General Plan 2020 policies, City Local Coastal Program policies, and the proposed General Plan 2045 policies related to aesthetic resources.

City of Arcata General Plan 2020

The City of Arcata General Plan 2020 addresses aesthetic resources and community design in its Resource Conservation and Management Element. The following policies from the Arcata General Plan 2020 were used to analyze the difference in existing versus proposed policies in the General Plan 2045.

Policy D-1: Overall Community Design Character

Objective. *Maintain a community with diversity and quality in the built environment; with small-scale structures that are harmonious with their neighborhood context; and with a sharp physical and visual distinction between the urban area and the surrounding open space lands.*

Applicable sub-policies:

- ***D-1a. Maintain small scale of building.*** *Buildings shall be designed to maintain the small-scale character of the community.*
  1. *This may be accomplished by breaking larger developments into smaller buildings rather than constructing a single large, monolithic building.*
  2. *This shall be accomplished by avoiding large, unbroken expanses of walls and roof planes.*
  3. *This shall be accomplished by providing articulation in building mass, surfaces, rooflines, wall planes, and facades, and including architectural ornamentation.*
- ***D-1b. Emphasize Arcata Plaza area as the main community focal point.*** *Buildings fronting on streets around the Arcata Plaza shall be multi-story. Architectural and other design elements shall emphasize the importance of the Arcata Plaza as the community's main focal point for commerce, entertainment, and special events. Designs shall promote pedestrian access and continuity of retail space at the street level. Parking should be accommodated off-site to the extent practicable.*
- ***D-1c. Promote quality and diversity of design compatible with neighborhood context****. Site and building design shall be harmonious with the neighborhood context, including existing structures. Within new subdivisions, diversity in building appearance rather than repetitive designs is encouraged.*
- ***D-1d. Preserve natural landforms and landscape features.*** *Site designs shall have the minimum disturbance necessary to natural conditions such as existing contours and vegetation, and shall preserve, to the maximum extent practicable, any unusual natural features.*
- ***D-1e. Promote energy efficiency and solar access.*** *Site and building design shall emphasize energy efficiency and solar orientation.*
- ***D-1f. Create buffers between incompatible land uses.*** *At boundaries between different land-use designations, and where different and incompatible land-uses are adjacent, buffer areas shall be incorporated into site design for new development. Buffers may consist of additional setbacks, landscaping, and visual and noise barriers such as fences or walls.*
- ***D-1g. Provide for bicycles, pedestrians, and transit in design.*** *Design of commercial, industrial, and multi-family housing shall incorporate provisions for bicycle and pedestrian circulation, and bus transit. Facilities should be located and designed so that these alternative travel modes are fully interconnected.*
- ***D-1h. City edges****. The development pattern shall be managed to retain the sharply demarcated physical and visual separation of Arcata from the urbanized areas of Eureka and McKinleyville. This shall be accomplished by:*
  1. *Restricting development in surrounding open space lands to very low density (minimum parcel size*

from twenty to sixty acres).

2. *Requiring that construction in hillside areas shall be sited so that it does not intrude above the ridgeline.*
3. *Retaining existing vegetation, providing landscape screening, and shielding exterior lighting to minimize visible impacts of any development on prominent sites or in open space areas, especially hillside sites visible from State Route 101.*

- ***D-1i. Renewable green building.*** *Site and building design shall incorporate green building concepts including maximizing use of recycled materials and recycling, energy efficiency, solar access, insulation, energy efficiency, use of toxic-free materials, natural lighting, native landscaping, permeable surfaces around structures, and minimizing construction waste generation.*

Policy D-2: Downtown (Central-commercial) Design

Objective. *Maintain and continue to develop a built environment which accentuates the Plaza and surrounding downtown lands designated in the Commercial-Central use category as the commercial and cultural hub of the city, maintains the historical flavor of building and site design, integrates bicycle and pedestrian facilities, and which incorporates appropriate trees and other "softscape" elements.*

Applicable sub-policies:

- ***D-2a. Design of Arcata Plaza.*** *The basic historical pattern or design of the Plaza shall be retained, including the symmetrical arrangement of pathways, the open expanse of lawn, and the central focal point of the McKinley statue.*
- ***D-2b. Streetscape design****. Future changes to public street rights-of-way in the downtown shall focus on improving amenities and safety for pedestrians, bicycles, and reasonable and safe vehicle access. The following design features should be considered in future improvement projects:*
  1. *Increase the width of sidewalks.*
  2. *Demarcate pedestrian crosswalks with pavement marking or special paving materials or colors.*
  3. *Provide or improve bike lanes, where appropriate.*
  4. *Incorporate street trees in appropriate locations.*
  5. *Use special paving materials or patterns for sidewalks at key locations or intersections.*
  6. *Provide landscape screening between parking lots and the street.*
  7. *Provide street and parking lot lighting that is adequate for safety but that is not overly bright.*
  8. *Establish a uniform lighting fixture and post (or pole) design for streetlights.*
  9. *Establish a uniform design for various items of “street furniture,” such as benches, trash receptacles, water fountains, etc.*
  10. *Require undergrounding of utilities and elimination of poles and overhead wires.*
- ***D-2c. Alleys.*** *The existing alleys in the downtown shall be retained and should be improved as multi-functional accessways. Businesses are encouraged to use alleys for secondary entries. Enhancements should emphasize amenities and safety for pedestrians, such as improved surfacing, lighting, landscaping, and enclosures for garbage and recycling receptacles where space permits.*
- ***D-2d. Street trees****. The City shall encourage the installation of street trees within the downtown area. The City shall develop a comprehensive street tree planting and maintenance program which includes the following components:*
  1. *Identification of streets where trees may be installed.*
  2. *Standards for the location of street trees; generally, locations will either be in wells located between on-street parallel parking areas, in cutouts within the sidewalk where the sidewalk is of sufficient width (7 feet or more), or in containers where the preceding locations are not workable.*
  3. *Standards for spacing between street trees (usually 20 to 35 feet on center).*
  4. *Specification of a list of acceptable tree species and the appropriate streets and locations for each species.*
  5. *Standards for size of trees and specifications for their installation (e.g. size of well, staking,*

materials).

6. *Identification of responsibilities, procedures, and standards for tree maintenance. Where space is insufficient for street trees, trees may be incorporated into the landscape design on private property adjacent to the street property line.*

- ***D-2e. Design criteria for new structures and additions.*** *The height, scale, and mass (volume) of new buildings and additions to existing buildings shall be compatible with other buildings in the immediate vicinity. Each building shall have an entry from the sidewalk to the street-level floor. Building elevations shall be articulated: long, continuous, unbroken wall and roof planes should be avoided. The visual organization and proportions of building elevations — including the size, spacing and shape of window and door openings — should be consistent with neighboring buildings. Architectural detailing and ornamentation, such as cornices, eaves, recessed or covered entryways, and awnings, are encouraged. Design review applications shall include depiction of buildings on adjoining lots, either in elevation drawings or photographs.*
- ***D-2f. Design criteria for vacant lots on Arcata Plaza****. In addition to the criteria in D-2e, the following criteria shall also apply to development on vacant parcels with frontage on streets surrounding the Plaza:*
  1. *All buildings shall have a minimum height of two stories to create a sense of enclosure for the City's central open space and focal point.*
  2. *All floors of buildings should be parallel to and at the street parcel line.*
  3. *Any building located at a corner or intersection shall incorporate architectural features at the ground floor which emphasize pedestrian circulation, such as building cut-offs, walk-through arcades, pedestrian spaces, or similar elements.*
  4. *Parking is encouraged to be provided off-site; if any on-site parking is provided, it shall be accessed from the rear.*
  5. *Loading docks shall not be required.*
- ***D-2g. Design criteria for remodeling existing facades (storefronts).*** *In remodeling facades, the distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided whenever possible. Deteriorated architectural features shall be repaired rather than replaced whenever practicable. Storefronts shall be designed to fit inside the original opening and not extend beyond it. Contemporary design for alterations and additions to existing structures shall not be prohibited when such alterations and additions do not destroy significant historical or architectural character of the property. The size and proportions of any additions shall be compatible with the original building.*
- ***D-2h. Site design, including parking areas****. The placement of new buildings and building additions on a site should be compatible with site layout on neighboring properties. In general, buildings should be sited immediately adjacent to the sidewalk and any onsite parking should be placed to the rear of the building. Parking areas shall be separated from the street and sidewalk by a landscape buffer of at least six feet. Trees that reach a mature height of at least twenty feet should be included in the interior of all parking lots with more than two parking spaces. Pedestrian spaces, circulation areas, or gathering areas are encouraged as design elements.*
- ***D-2i. Design of signs.*** *Permanent signs in the Central-Commercial area shall be oriented to pedestrians rather than automobile traffic, and shall conform to the following criteria:*
  1. *Signs shall be placed so that they do not obscure other building elements such as windows, cornices, or decorative details.*
  2. *Size, materials, style, and color shall complement the building façade and shall be compatible with the surrounding area.*
  3. *Copy shall be limited to icons, logos, business information, and hours of operation (rather than advertising copy).*
  4. *Flush-mounted signs with copy in a specifically designated horizontal band is the preferred type; monument and hanging (cantilevered) signs may be allowed, provided that the latter has a vertical*

clearance of at least 7.5 feet and an encroachment permit is obtained.

5. *Pole signs shall be prohibited, except for public traffic, directional and safety signs.*
6. *When lighted, signs shall be designed to minimize glare and with the minimum amount of illumination necessary to make the sign legible; neon signs with distinctive designs are acceptable. Plastic-faced internally lit signs should be discouraged.*
7. *At the time of any future alterations of an existing sign, the sign shall be required to be modified to conform in its entirety to these policies. Alterations shall mean any change to the structure, area, or height of a sign, but shall not mean a change in copy.*

- ***D-2j. Incorporation of amenity features in new development**. Any new development shall incorporate an appropriate combination of project enhancements in lieu thereof. Potential enhancements include, but are not limited to, the following: special paving materials in parking lots, special architectural features, public art, including sculpture and murals flower beds, outdoor spaces for public use, window boxes, street trees or street furniture courtyards, fountains or other water features, awnings, secondary pedestrian access from alleys, planted wall trellises, balconies or decks on upper floors, recessed entryways, sidewalk and/or entry mosaics or decorative tile.*

Policy D-3: Scenic Routes, Resources, and Landscape Features

***Objective**. Identify and protect scenic routes, resources and landscape features. Retain natural features, coastal scenic resources, and scenic vistas as important aesthetic components of the built environment and visual and associative links to nature. Minimize impairment and obstructions of scenic views to the minimum necessary to allow reasonable development.*

Applicable sub-policies:

- ***D-3a. Designation of coastal scenic highways**. The following coastal scenic highways are hereby designated:*
  1. *7th Street and Bayside Road, from 7th Street overcrossing to Crescent Drive*
  2. *Bayside Cutoff, from State Route 101 to Old Arcata Road*
  3. *Old Arcata Road, from Bayside Cutoff to Crescent Drive*
  4. *Samoa Blvd. (State Route 255), from Crescent Drive to Manila*
  5. *Janes Road, from 11th Street to Foster Avenue*
  6. *State Route 101, from the southerly City boundary to the Mad River*
  7. *South I Street, from Samoa Blvd.*
  8. *South G Street, from H Street to State Route 101*
  9. *All public roads west of the City in the Arcata Bottoms*
- ***D-3b. Designation of non-coastal scenic highways**. The following non-coastal scenic highways are hereby designated:*
  1. *Fickle Hill Road*
  2. *Jacoby Creek Road*
  3. *Golf Course Road*
  4. *L.K. Wood Blvd. from the St. Louis Road overcrossing to the 14th Street*
- ***D-3c. Design policy for projects affecting scenic highways**. The following standards shall apply to any development which affects scenic highways:*
  1. *Billboards or other off-premises signs are prohibited.*
  2. *Landscape planting along State Route 101 shall not interrupt scenic views to the bay or eastward across agricultural lands*
  3. *New development or redevelopment in the industrial area of South "G" Street shall provide dense landscape screens along all perimeter lot lines visible from State Route 101.*
  4. *The City shall work jointly with the County of Humboldt, Caltrans, and the Coastal Commission to enhance scenic views along scenic highways, particularly State Route 101 and 255 corridors.*

- ***D-3d. Scenic entryways.*** *The appearance of the following additional entryways should be enhanced with appropriate landscaping and entry signs or structures:*
  1. *Samoa Blvd. (State Route 255) between Jackson Ranch Road and K Street*
  2. *State Route 101 between Bayside cutoff and Samoa Blvd.*
  3. *State Route 101 between the Mad River and Giuntoli Lane*
  4. *State Route 299 from North Bank Road to Giuntoli Lane*
  5. *Old Arcata Road from Bayside Cutoff to Jacoby Creek Road*

  These public improvements may include uniform landscaping, pedestrian enhancements, and directional signing.
- ***D-3e. Arcata Bay – Open waters, shoreline, and tidal marshes.*** *Proposed land uses and development shall not significantly alter the natural appearance or landforms of the waters, shoreline, and tidal marshes of Arcata Bay, which are designated in the natural resource land-use category. Where these resources are visually degraded, developments shall be required to restore or enhance their appearance. Development within the area bounded by Samoa Blvd., Butcher's Slough and Gannon Slough shall include local native plant landscaping, screenings and other measures to ensure compatibility with scenic coastal resources and with the educational, recreational, wildlife and other uses of the Humboldt Bay National Wildlife Refuge and the Arcata Marsh and Wildlife Sanctuary.*
- ***D-3f. Bay and ocean views.*** *Views of Arcata Bay and the Pacific Ocean from vantage points along public streets in hillside areas of Arcata shall not be blocked by development. Any impairment or partial obstruction of these ocean views from new development shall be the minimum necessary to allow reasonable development.*
- ***D-3g. Wooded hillsides.*** *Views of wooded hillsides forming the City's eastern edge from vantage points along public streets west of the State Route 101 should not be blocked by development.*
- ***D-3h. Farmlands and open countryside.*** *Views of farmlands and open countryside — in the Arcata Bottom, along the State Route 101 south of Samoa Boulevard, north of Giuntoli Lane, and along State Route 255 west of the city, should be protected. New development should be sited and designed to minimize any impairment of such views.*
- ***D-3i. Preservation of hedgerows (windrows, or rows of trees).*** *Preservation of the following windrows, hedgerows, or groves of trees shall be encouraged:*
  1. *The cypress windrows separating Arcata Heights from the Sunset neighborhood.*
  2. *The trees along the north and western edges (Alliance Road) of the Sunset neighborhood.*
  3. *The trees on the small knoll adjacent to State Route 101 south of Spear Avenue.*
  4. *The windrow of trees adjacent to the west side of the State Route 101 between 7th and 14th Streets.*
  5. *Windrows in the Arcata Bottom.*
  6. *The row of trees along the westerly side of State Route 101 at the State Route 299 interchange.*
  7. *The groves of eucalyptus and other trees which line Bayside Road between Union Street and Crescent Way.*
  8. *The elm trees on J Street between 14th and 16th Streets.*
  9. *Redwood Grove at 7th and Union, and Bayside Road to be left intact.*
- ***D-3j. Streamside riparian areas.*** *Creeks or drainage channels and any associated riparian vegetation shall be retained in a natural state and incorporated into site design as a visual asset to development which adjoin them.*

Policy D-4: Subdivision Design

Objective. *Achieve subdivision design which accommodates orderly growth; assures proper development of land and access to lots; promotes open space retention; ensures adequate circulation, utilities, and services; preserves existing landforms; and retains significant vegetation.*

Applicable sub-policies:

- ***D-4a. Design of roadways and subdivision improvements.*** *New subdivisions shall comply with the following criteria:*
  1. *Unless it is demonstrated to be infeasible, all new lots shall have frontage on a public street or improved alley. Where direct access is infeasible, the number of lots or units to be served by a common access driveway easement shall be based on accessway design meeting all, but not limited to, these requirements: public safety access, ingress, egress, parking, utilities, drainage, and environmental issues.*
  2. *The arrangement of proposed streets shall conform to the Transportation Plan, where possible. When not shown on the Street Plan, the design shall provide for the appropriate connections to existing streets. Cul-de-sacs should be avoided where possible.*
  3. *The subdivision design may utilize narrow or "skinny" streets and various traffic calming approaches; alleys are encouraged for access to garages.*
  4. *Gated subdivision streets shall be prohibited in order to maintain a sense of community.*
  5. *Use of natural drainage techniques in subdivision design is encouraged. In general, curbing and gutters are appropriate for street drainage, safety and delineation and protection of pavement edge. Where curbing is not required, some other type of edge definition and stabilization shall be furnished.*
  6. *Natural drainage patterns shall be preserved to minimize potential slippage and flooding. Building site grading shall be contoured to direct water away from structures.*
  7. *No lighting shall be allowed that results in illumination above the tree canopy.*
  8. *Sidewalks and bikeways shall be provided; sidewalks may be furnished on one side of the street only. In planned developments, additional sidewalks and bikeways may be located away from the street.*
  9. *Illumination of streets shall be unobtrusive and the lowest intensity compatible with safety.*
  10. *Landscaping shall be provided as part of subdivision design; plantings shall include street trees or an equivalent number of trees planted on individual lots adjacent to the street frontage.*
  11. *Where subdivisions abut a major street or railroad, or include more than one land-use or housing type, landscape buffers shall be included at appropriate locations to create a visual screen and minimize any adverse impacts.*
- ***D-4b. Lot patterns.*** *Lot boundaries should be regular in shape and lots should either have direct access to a public street or to an access easement which connects to a public street. Clustering of lots with common open space areas and/or common parking lots is encouraged.*
- ***D-4c. Grading and hillside subdivisions.*** *In hillside areas, subdivision design and grading shall minimize disturbance to natural landforms, not destroy visual quality, nor create conditions that could increase the risk of landslides, flooding, or erosion. Designs shall comply with the following criteria:*
  1. *Street layout should in general be parallel to topographic contours to reduce the extent of cut and fill slopes.*
  2. *Long, continuous, or unbroken manufactured slopes should be avoided.*
  3. *Graded slopes should be contoured by varying slope increments and undulating banks vertically and horizontally; building pad elevations should be varied to avoid the appearance of monotonous, flat, level pads.*
  4. *Generally, slopes greater than 2:1 (horizontal: vertical) should be avoided.*
  5. *Permitted densities shall be adjusted in designated hillside areas such that the steeper the slope, the less the allowed density; in such areas, at least fifty percent of each new lot shall be retained as ungraded "natural area."*
  6. *Along ridgelines, new development or lighting which would extend above the tree canopy shall be prohibited.*
  7. *Parallel on-street parking should not be provided on steep street segments; in such areas, alternative designs for on-street parking shall be required.*

- ***D-4d. Retention of natural features****. Design of subdivisions shall be based upon an analysis of the natural conditions and features of the site. To the maximum extent practicable, development shall be located to preserve natural features and avoid areas of environmental sensitivity, including but not limited to: wetlands, significant or mature trees or stands of trees, creekside riparian habitat areas, floodplain areas, and areas with slopes greater than thirty percent. Residential structures, including decks and balconies, shall not extend into significant natural areas.*
- ***D-4e. Open space and parks.*** *New residential subdivisions shall either be required to dedicate land for public parks or stormwater detention facilities, provide commonly owned and maintained park or open space lands for use by residents of the subdivision, pay a fee in-lieu thereof, or some combination of the foregoing.*

Policy D-5: Residential Design

Objective. *Create residential living environments which meet the needs of residents, are aesthetically pleasing, provide for personal safety and privacy, promote social interaction, maintain continuity with the community's past, and provide for leisure needs. Blend residential design objectives with neighborhood conservation area objectives expressed in the Historical Preservation Element.*

Applicable sub-policies:

- ***D-5a. Multi-family housing design.*** *Within each neighborhood where multi-family is allowed by the Land-Use Element, multi-unit housing designs should comply with the following criteria:*
  1. *Buildings should maintain the scale and character of other residential structures in the immediate vicinity and avoid abrupt changes in height and bulk between structures.*
  2. *Buildings should be grouped compactly to provide more usable open space.*
  3. *Building elevations should be articulated and long, continuous wall and roof planes should be avoided. Architectural features such as bay windows, balconies, porches, and similar elements are encouraged.*
  4. *Features should be incorporated into site and architectural designs which provide maximum exposure to sunlight and protection from rainstorms and other adverse climatic conditions (such as covered entryways).*
  5. *Site and building design shall incorporate features to mitigate noise from nearby noise sources (see Noise Element).*
  6. *Sufficient useable outdoor open space should be provided to accommodate the recreation and leisure needs of the residents, of the development, and individual households.*
  7. *Individual units should be designed to be readily distinguishable from one another from the exterior.*
  8. *Parking should be designed to protect the privacy of residents and prevent intrusion of noise and lights from vehicles.*
  9. *Parking lots shall be landscaped with trees that reach a mature height of at least twenty feet and shall be visually screened from the street by solid walls, fences, or a planted landscape buffer of at least six feet in width. Site design should incorporate safety features that maintain visibility and provide security lighting.*
  10. *Service and storage areas, such as for recycling and garbage, shall be screened by fencing or walls; appropriate landscape planting and setbacks from adjacent properties shall be provided.*
- ***D-5b. Single-family residential design.*** *The intent in single-family residential design shall be to allow maximum flexibility consistent with maintaining existing community character. Maintaining character means architectural style consistency, structures proportional to the site and surroundings, and harmony with the design of adjacent buildings. Good design respects its neighbors, is properly sited for privacy and solar access, minimizes disturbance of natural site conditions, and is landscaped to complement the streetscape, including street trees where appropriate.*

  Design of single-family house on existing lots in hillside areas shall adhere to the following additional criteria:

1. *Disturbance of existing landforms (cut and fill) shall be minimized.*
2. *Terrain-adaptive architectural designs which fit into the contour of the hillside are encouraged, including:*
   a. *Reduced-footprint design with multi-level structures;*
   b. *Multiple "step-up" or "step-down" structures;*
   c. *Stilt houses, with enclosure or area underneath the building.*
3. *Significant trees and drainageways should not be disturbed.*
4. *Development should be confined to portions of a site which are less steeply sloped.*
5. *Garages should be located under or over the structure depending on whether the lot is uphill or downhill from the street.*
6. *The scale and character of buildings should be matched with the terrain, scale, and character of the surrounding neighborhood.*

Policy D-6: Design of Commercial and Industrial Development

Objective. Create commercial centers and industrial areas which are functional, suited to the needs of the particular businesses, responsive to site conditions, and compatible with the neighborhood context.

- ***D-6a. Design of commercial development.*** *The following criteria shall apply to design of new commercial development, except for the Plaza area (which is addressed in Policy D-2):*
  1. *To encourage pedestrian access buildings should be sited so that entries and front facades face the public sidewalk; loading docks and vehicular entrances shall be located to the side or rear.*
  2. *When located adjacent or near to residential areas, buildings should respect the residential character by avoiding long, uninterrupted expanses of wall and roof planes, and by incorporating architectural features such as covered entries or porches, cupolas, towers, arbors or pergolas, etc. which add variety and interest to larger buildings.*
  3. *Pedestrians and bikes should be accommodated through appropriate location of walkways and rain-sheltered entrances to buildings.*
  4. *Drive-through service windows for restaurants shall be restricted to the Valley West area.*
  5. *Where commercial development abuts residential or other non-commercial uses, appropriate visual and noise buffers shall be included in the site design, such as increased setbacks or landscaped screening.*
  6. *Service and storage areas shall be screened by fencing and appropriate landscape plantings.*
  7. *The siting and design of buildings shall promote energy-efficiency and solar access, and shall minimize impacts on other nearby uses.*
  8. *Parking areas are encouraged to be provided to the rear or side of buildings and include trees that reach a mature height of at least twenty feet whenever feasible.*
  9. *Noise impacts shall be minimized through acoustical features in building design and on site sound attenuation.*
- ***D-6b. Design of industrial development.*** *In addition to the criteria stated in Policy D-6a, the following criteria shall also apply to new industrial development:*
  1. *Building facades that include regional materials (e.g., locally produced wood, stone and recycled products) are encouraged. Prefabricated and manufactured materials may be used only where they are compatible with surrounding development.*
  2. *Outdoor storage areas, including storage of trucks and equipment, shall be screened from view from adjacent streets and parcels by appropriate fencing and landscaping.*
- ***D-6c. Design of institutional development****. Since institutional uses—such as churches, schools, government facilities, and others—are frequently located within residential areas, their design shall be reviewed for compatibility with the adjacent residential neighborhood. In addition, the City requests that HSU, school districts, and other institutional entities adhere to the following criteria, which shall apply to design of any facilities within Arcata:*

1. *Long, uninterrupted expanses of wall and roof planes should be avoided and architectural features which add interest and variation, such as porches, cupolas, towers, arbors or pergolas, etc., should be incorporated.*
2. *Appropriate buffers and screening should be provided between institutional uses and adjacent residential uses, including increased setbacks, fencing, and landscaping.*
3. *The massing of buildings and the visual organization of facades, including the proportion of window and door openings to total wall surface, exterior materials and colors, and architectural detailing and ornamentation, should be designed to harmonize with any adjacent residential uses.*
4. *Appropriate setbacks and landscaped buffers should be provided to minimize noise and visual impacts.*

- ***D-6d. Design of signs.*** *The following criteria shall apply to all signs, except those located within the Central-Commercial Area use category:*
  1. *Signs shall be placed so that they do not obscure other building elements such as windows, cornices, or decorative details.*
  2. *Size, materials, style and color shall complement the building facade and shall be compatible with the surrounding area.*
  3. *Copy shall be limited to icons, logos, services identification, and hours of operation (rather than advertising copy) except as required by law or ordinance.*
  4. *Flush-mounted signs and monument signs are the preferred types; no more than one free-standing sign may be allowed per business street frontage (including alleys), and freestanding signs shall not exceed fifteen feet in height.*
  5. *Pole signs are discouraged; when permitted, such signs shall not exceed fifteen feet in height.*
  6. *Signs shall not be of a height or design which is intended to be read from the State Routes 101 or 299, except for in the commercial visitor-serving district.*
  7. *When lighted, signs shall be designed to minimize glare and with the minimum amount of illumination necessary to make the sign legible; neon signs are acceptable.*
  8. *All off-premises (or off-site) business identification and advertising signs are prohibited.*
  9. *The planned sign program is encouraged whenever there are multiple businesses on a site; no more than three signs may be allowed per parcel except through approval of a planned sign program permit. The planned sign program shall require harmony in shape, placement, materials, and other appropriate design elements for all signs on the site.*
  10. *At the time of any future alterations of a lawfully permitted existing sign, except for a change in copy, the entire sign shall be modified as necessary to conform to these policies.*

Policy D-7: Landscape Design

Objective. Promote landscape designs which are appropriate for the climate zone and the specific site conditions, integrate harmoniously with the scale and architecture of buildings on the site, improve the overall aesthetic appearance of the city and its neighborhoods, and serve to protect the general safety and welfare.

Applicable sub-policies:

- ***D-7a. Landscape plans required.*** *A landscape plan drawn to scale shall be required for all new development subject to discretionary review by the City. The plan shall identify existing and proposed trees, shrubs, groundcovers, and other landscape elements. Native species are encouraged for all new landscaping.*
- ***D-7b. Planting area required.*** *A minimum landscape planting area shall be required in all commercial, industrial, and multi-family residential land-use zones; these shall be contained in the zoning ordinance and expressed as a percent of site area. [Revised by Ordinance No. 1377, September 2008]*
- ***D-7c. Parking lot landscaping.*** *All parking areas, other than single family residential, containing two or more parking spaces shall be landscaped. Landscaping shall include a minimum of a six-foot wide screen or buffer between the parking area and any public street. Trees that reach a mature height of at*

least twenty feet shall be provided within the parking area at a ratio of one or more trees to each five parking spaces.

- ***D-7d. Site design criteria.*** *Landscaping shall be an integral part of site development, connecting site design elements, enhancing the site identify, and creating a pleasing appearance. Landscape designs shall conform to the following criteria:*
  1. *Existing natural site vegetation should be incorporated, to the extent appropriate.*
  2. *Coverage by impervious surfaces should be minimized in order to reduce runoff.*
  3. *Cut and fill slopes shall be landscaped for erosion prevention.*
  4. *Landscaping should include trees adjacent to the public street right of way, where appropriate.*
  5. *Consideration should be given to native plant species and those non-invasive exotics which have demonstrated adaptability to local climate.*
  6. *Where a development borders a major street, railroad, or different land-use type, a landscape buffer shall be provided to create a visual screen, promote privacy, and to shield the development from any adverse external effects, and to shield neighboring properties from any adverse effects of the development. The buffer may include fencing, berms, plantings, or a combination thereof. The appearance of fences from public streets should be softened with plant materials.*
  7. *The design for a particular site should harmonize with the surrounding landscape, including the landscape design of adjacent lots.*
  8. *Site design should incorporate safety features such as maintaining visibility and providing security lighting.*
- ***D-7e. Upgrade of non-conforming landscape****. When improvements are made to structures on sites where landscaping is non-conforming, landscaping should be required to be upgraded if feasible.*
- ***D7-f. Maintenance of required landscaping.*** *All required landscape plantings shall be properly maintained to assure survival; any non-surviving plants shall be replaced.*

Policy OS-1: Overall Open Space System

Objective. Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together in a network wherever practical for accessibility, managed for resourced production and maintained for enjoyment by City residents and visitors.

Applicable sub-policies:

- ***OS-1a. Designation of open space lands with native biotic resources and ecosystems.*** *The native biotic resources of the forested western slopes of Fickle Hill, river and creek riparian zones, the Arcata and Aldergrove Marshes, and Arcata Bay tidelands and sloughs are unique ecosystems that have important habitat values in addition to their other open space values. These areas as designated on Map OS-a shall be protected as open space for their resource values.*
- ***OS-1b. Open Space Plan Map****. The areas designated as open space are shown on Figure OS-a. Generally, these lands are designated as A-E, NR, or PF on the land use map. Other lands, where identified open space resources have been preserved through easements or other means, are also subject to this element's policies.*
- ***OS-1f. Designation of lands with scenic, aesthetic, historic, and cultural value.*** *The City has scenic routes, including State Route 101 and Samoa Boulevard; vistas, including the forested slopes of Fickle Hill and the Arcata Bottoms, and areas of historic and cultural value, such as the Plaza. The open and natural characteristics of these areas shall be maintained. Policies for retaining scenic vistas and landscape features are included in the Community Design Element of the General Plan.*

City of Arcata Local Coastal Plan

The following policies within the City of Arcata's Local Coastal Plan (1989) that regulate aesthetic resources include the following.

IV. Development Constraints

IV-14: The City shall identify the following areas as Coastal Scenic Areas:

a. Arcata Bay tideland and water areas

b. All land designated as Natural Resource Protection on the Land Use Map

c. All land between Highway 101 and Old Arcata Road designated Agriculture Exclusive on the Land Use Map

d. All land on the western Arcata plain designated Agriculture Exclusive on the Land Use Map

Proposed City of Arcata General Plan 2045

The following policies from the proposed City of Arcata General Plan 2045 Design Element and Gateway Area Plan address aesthetics:

Policy D-1: Overall Community Design

Objective. *Maintain community diversity and quality in the built environment; with structures and other physical features harmonious with their neighborhood context; and with a physical and visual transition between urban area and the surrounding open space lands.*

Applicable sub-policies:

- ***D-1a. Building characteristics.*** *Building design shall consider established City characteristics and planned features and shall offset the neighborhood impact of increased heights and new uses in some areas of the community. This shall be accomplished by:*
  1. *Breaking the massing of larger developments through setbacks rather than constructing a single large, monolithic building.*
  2. *Avoiding large, unbroken expanses of wall and roof planes.*
  3. *Providing articulation in building mass, surfaces, rooflines, wall planes, and facades, and including distinctive architectural features and ornamentation.*
  4. *Parking Lot Locations. Disallow the placement of parking lots along street frontages in the interest of maintaining continuous building frontages along the primary commercial streets and improving walkability. Parking lots and structures must be located behind buildings, or otherwise located subordinate and obscured by design features.*
  5. *Custom Standards Along Designated Streets. Plan for custom use, development, and design standards along designated streets with the objective of generating a more welcoming and vibrant city.*
  6. *Main Building Entrances. Require main building entries to be visually prominent and oriented to a public street or pathway.*
  7. *Pedestrian Connections. Required pedestrian walk paths to connect entrances directly to a public sidewalk.*
  8. *Pedestrian-Friendly Design. Require parking location and design to not detract from pedestrian-friendly streetscapes, walkable neighborhoods, and active and inviting mixed-use districts. Locate parking facilities away from building frontages in the rear of the lot unless determined infeasible in unique circumstances.*
  9. *Minimize Visual Dominance. Screen parking facilities for limited visibility from the street frontage with landscaping, art, or other visually appealing methods.*
  10. *Varied and interesting Facades. Create street-facing building facades that are varied and interesting with human-scale design details.*
  11. *Articulation. Incorporate architectural elements that reduce the box-like appearance and perceived mass of buildings.*
  12. *360-Degree Design. Provide for buildings designed as a unified whole with architectural integrity on all sides of the structure.*

13. *Quality Materials. Ensure quality materials that maintain their appearance over time.*
14. *Design Details. Promote design details and materials compatible with the existing neighborhood design.*

- ***D-1b. Emphasize Arcata Plaza area as the central community focal point.*** *Architectural and other design elements shall emphasize the importance of the Arcata Plaza as a City center for commerce, entertainment, and special events. Designs shall promote pedestrian access and retail space at the back of sidewalk. Parking should be accommodated off-site to the extent practicable.*
- ***D-1c. Promote quality and diversity of design compatible with neighborhood context.*** *Site and building design shall consider neighborhood context, including existing structures, especially when increased structure heights and coverages are proposed. Within new development, diversity in structure facades and materials, rather than repetitive designs is encouraged. Allow for and encourage complementary diversity in building forms and creativity in project design as long as projects support a pedestrian-friendly environment and other General Plan goals. Provide for human-scale and pedestrian-friendly building massing where large buildings are broken into smaller volumes that fit into the surrounding neighborhood.*
- ***D-1d. Preserve natural landforms and landscape features.*** *Site designs shall have the minimum disturbance necessary to natural conditions such as existing contours and native landscape and shall preserve, to the maximum extent practicable, any unusual natural features.*
- ***D1e. Promote energy efficiency and solar access.*** *Site and building design shall emphasize energy efficiency, solar orientation and consider shading of adjacent structures, balancing development needs with solar access.*
- ***D1f. Create buffers between incompatible land uses.*** *At boundaries between different land-use designations, and where different land-uses are adjacent, buffer areas shall be incorporated into site design. Buffers may consist of additional setbacks, landscaping, and visual and noise barriers such as fences or walls. Provide for sensitive transition from the public realm to the private realm. Require buildings to incorporate massing strategies to minimize impacts on adjacent uses.*
- ***D-1g. Provide for bicycles, pedestrians, and transit in design.*** *Design shall incorporate provisions for bicycle and pedestrian circulation, and transit. Facilities should be located and designed so that these alternative travel modes are fully interconnected.*
- ***D-1h. City edges.*** *Development patterns shall be designed to have distinctive physical and visual separations from adjacent communities. This shall be accomplished by:*
    1. *Restricting development in surrounding open space lands to very low density (minimum parcel size from twenty to sixty acres).*
    2. *Requiring that construction in hillside areas shall be sited so that it does not protrude above the ridgeline.*
    3. *Retaining existing vegetation, providing landscape screening, and shielding exterior lighting to minimize visible impacts on prominent sites or in open space areas, especially on hillsides visible from State Route 101.*
- ***D-1i. Renewable green building****. Site and building design shall incorporate green building concepts including recycled materials use, energy efficiency, solar access, insulation, energy efficiency, use of toxic-free materials, natural lighting, native landscaping, permeable surfaces around structures, and minimizing construction waste disposal.*

Policy D-2: Downtown (Central-commercial) Design

Objective. *Maintain and continue to develop a built environment which: accentuates the Plaza and surrounding downtown as the commercial and cultural hub of the city, consider historical building and site features, integrates bicycle and pedestrian facilities, and incorporates appropriate trees and other "landscape" elements.*

- ***D-2a. Arcata Plaza design.*** *The basic historic pattern of Plaza design shall be retained, including the symmetrical pathways arrangement, open lawn expanses, as a community focal point.*

- ***D-2b. Streetscape design.*** *Future changes to public street rights-of-way in the downtown shall include amenities such as street furniture, access and safety for pedestrians and bicycles, including the possibility of "car free" streets. The following design features should be considered in future improvement projects:*
  1. *Increase the width of sidewalks.*
  2. *Demarcate pedestrian crosswalks with pavement marking or special paving materials or colors.*
  3. *Provide or improve bike lanes, with an emphasis on protected bike lanes, where appropriate.*
  4. *Incorporate street trees in appropriate locations.*
  5. *Use special paving materials or patterns for sidewalks at key locations or intersections.*
  6. *Provide landscape screening between parking lots and the street, with preference for parking associated with new buildings behind, or away from street frontage.*
  7. *Provide shielded and directional street and parking lot lighting adequate for safety but that is not overly bright.*
  8. *Consider the possibility of "car free" streets.*
  9. *Strongly encourage undergrounding of utilities to eliminate poles and overhead wires.*
- ***D-2c. Alleys.*** *The existing alleys in the downtown shall be retained and should be improved as multi-functional accessways. Businesses are encouraged to use alleys for secondary entries. Enhancements should emphasize amenities and safety for pedestrians, such as improved surfacing, lighting, landscaping, and enclosures for garbage and recycling receptacles where space permits.*
- ***D-2d. Street trees.*** *The City shall maintain a street trees program with the following components:*
  1. *Identification of streets where trees may be installed.*
  2. *Siting standards, either in wells located between on-street parallel parking areas, in cutouts within the sidewalk where the sidewalk is of sufficient width (7 feet or more), or in containers where the preceding locations are not workable.*
- ***D-2e. Design criteria for new structures and additions.*** *The height, scale, and mass (volume) of new buildings and additions to existing buildings shall take into account other buildings in the immediate vicinity. Each building shall have an entry from the sidewalk to the street-level floor. Building elevations shall be articulated: long, continuous, unbroken wall and roof planes should be avoided. The visual organization and proportions of building elevations — including the size, spacing and shape of window and door openings — should be consistent with neighboring buildings. Architectural detailing and ornamentation, such as cornices, eaves, recessed or covered entryways, and awnings, are encouraged. Design review applications shall include depiction of buildings on adjoining lots, either in elevation drawings or photographs.*
- ***D-2f. Design criteria for remodeling existing facades (storefronts).*** *Distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided whenever possible. Deteriorated architectural features shall be repaired rather than replaced whenever practicable. Storefronts shall be designed to fit inside the original opening and not extend beyond it. Contemporary design for alterations and additions to existing structures shall not be prohibited when such alterations and additions do not destroy significant historical or architectural character of the property. The size and proportions of any additions shall be compatible with the original building.*
- ***D-2g. Site design, including parking areas.*** *The placement of new buildings and building additions on a site should be compatible with site layout on neighboring properties. In general, buildings should be sited immediately adjacent to the sidewalk and any onsite parking should be placed to the rear of the building. Parking areas shall be the minimum necessary and be separated from the street and sidewalk by a landscape buffer. Trees that reach a mature height of at least twenty feet should be included in the interior of all parking lots with more than two parking spaces. Pedestrian spaces, circulation areas, or gathering areas are encouraged as design elements.*
- ***D-2h. Incorporation of amenity features in new development*** *(no change to policy text, rather just updated number due to removal of Policy D-2i [Design of signs]).*

Policy D-3: Scenic Routes Resources, and Landscape Features

- ***D-3a. Design policy for projects affecting scenic routes and State Routes.*** *The following standards shall apply to any development which affects scenic routes, as well as views from State Routes 101, 255, and 299:*
  1. *Billboards or other off-premises freeway-oriented signs are prohibited.*
  2. *Landscape planting along State Route 101 shall not interrupt scenic views to the bay or eastward across agricultural lands.*
  3. *New development or redevelopment in the area of South "G" Street shall provide dense landscape screens along all perimeter lot lines visible from State Route 101.*
  4. *The City shall work jointly with the County of Humboldt, Caltrans, and the Coastal Commission to enhance scenic views along scenic highways, particularly State Route 101 and 255 corridors.*
- ***D-3b. City entryways.*** *The appearance of the following additional entryways, while not scenic resources, should be enhanced with appropriate landscaping and entry signs or structures: (no change to locations)*

Policy D-4: Subdivision Design

- ***D-4a. Design of roadways, subdivision, and redevelopment site improvements.*** *New subdivisions and infill or redevelopment site design shall provide orderly arrangement of complete streets that minimize impacts on natural landforms and habitats and that create connectivity between existing neighborhoods and recreational areas using pedestrian oriented development and principles of Crime Prevention Through Environmental Design. The following criteria shall be required and or encouraged as appropriate:*
  1. *Proposed street alignments including sidewalks and bikeways shall conform to the relevant Transportation and Road Safety Plans, wherever possible. Unless it is demonstrated to be infeasible, all new lots shall have frontage on a public street or improved alley, or publicly accessible courtyard or open space.*
  2. *Gated subdivision streets shall be prohibited in order to maintain a sense of community.*
  3. *Natural drainage patterns shall be preserved to minimize potential slippage and flooding. Building site grading shall be contoured to direct water away from structures.*
  4. *Appropriate landscaping and illumination shall be applied to enhance safety and provide attractive screening and distinctions between spaces; illumination of streets shall be unobtrusive and the lowest intensity compatible with safety, complying with night sky standards wherever possible.*
  5. *Where existing streets are extended or new streets established, aim to keep the length of new blocks to no more than 300 feet.*
  6. *Block Layout. When establishing new streets and extending existing streets, connect to the existing block layout and complete grid system in a manner that also protects and enhances natural resources.*
  7. *Mid-Block Passageways. For blocks longer than 300 feet, provide for passageways mid-block through new development for convenient bike/ped through access. Passageway shall be an integral part of a project and be configured to provide safe access to rear parking lots, commercial storefronts, restaurants, and mid-block pathways.*

Policy D-5: Residential Design

- ***D-5a. Multi-family housing design.*** *Within each neighborhood where multi-family is allowed by the Land Use Element, multi-unit housing designs should comply with the following criteria:*
  1. *Buildings should maintain the scale and massing allowed in the City's zoning ordinances.*

  (no changes to remaining bulleted text within Policy D-5a, just new numbering).

Policy D-6: Commercial and Industrial Design

Objective. *Create functional commercial centers and industrial areas, suited to staff and customer needs, responsive to site conditions, and compatible with the neighborhood context.*

- ***D-6b. Design of mixed-use development.*** *In addition to the criteria stated in Policy D-6a (no proposed changes to text), the following criteria shall also apply to new mixed-use development:*
  1. *Ensure the design provides for internal compatibility and privacy between the residential and non-residential uses on the site.*
  2. *Ensure that new development is human-scaled and supports a pedestrian-friendly public realm. Buildings should be located at or close to the sidewalk.*
  3. *Provide for sensitive transition from the public realm (sidewalk) to the private realm (residences).*
  4. *Encourage outdoor dining, publicly-accessible courtyards, window-shopping areas, and other pedestrian-friendly uses in spaces between building walls and the sidewalks.*
  5. *Encourage convenient pedestrian access from the public street into the non-residential portions of the project, through such means as courtyards, plazas, walkways, and street furniture.*
  6. *Require main building entries to be visually prominent and oriented to a public street or pathway.*
  7. *Locate parking facilities away from building frontages in the rear of the lot.*
  8. *Encourage non-residential uses to be located above the first floor or behind ground-floor commercial, except in limited applications.*
  9. *Ensure that the residential units are of a residential character.*

  No changes to text within Policies D-6c through D-6e, rather just updated numbering due to proposed inclusion of Policy D-6b (above).

Policy D-7: Landscape Design

Objective. *Promote landscape designs emphasizing native plants, that may be complemented by non-invasive/non-toxic species, when they integrate harmoniously with the scale and architecture of buildings and improve the overall aesthetic appearance of the city and its neighborhoods.*

- ***D-7a. Landscape plans.*** *A landscape plan drawn to scale shall be required for all new development subject to discretionary review by the City. The plan shall identify existing and proposed landscape and hardscape elements. Native species encouraged in all landscaping.*
- ***D-7b. Planting area.*** *A minimum landscape planting area shall be required in all commercial, industrial, and multi-family residential land-use zones; and expressed as a percent of site area.*
- ***D-7f. Maintenance of required landscaping.*** *All required landscape plantings shall be properly maintained to assure survival with plant replacements as needed for first five years.*

City of Arcata Local Coastal Program

As mentioned above, portions of the study area are within the Local jurisdiction of the Coastal Zone, which are regulated by the City of Arcata's Local Coastal Program. The goals and policies within the City of Arcata Local Coastal Program relevant to aesthetics include the following:

Policy K-1. The City shall identify the following areas as Coastal Scenic Areas:

- *Arcata Bay tideland and water areas;*
- *All land designated as Natural Resources Protection on the Land Use Map;*
- *All land between Highway 101 and Old Arcata Road Designated Agriculture Exclusive on the Land Use Map; and*
- *All land on the western Arcata plain designated Agriculture Exclusive on the Land Use Map*

Policy K-5. The City shall designate the following routes as Scenic Routes and shall establish guidelines to retain their scenic features:

- *Old Arcata Road from 7th Street Overcrossing to Crescent Drive*

3.2.4 Evaluation Criteria and Significance Thresholds

Implementation of the General Plan would cause a significant impact related to aesthetics resources, as defined by Appendix G in the CEQA Guidelines if it would:

- Have a substantial adverse effect on a scenic vista;
- Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State Scenic Highway;
- Substantially degrade the existing visual character or quality of the site and its surroundings or if located in an urbanized area, conflict with applicable zoning and other regulations governing scenic quality; or
- Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.

3.2.5 Methodology

The visual impact analysis evaluates the physical changes that would occur within the study area as a result of adoption and implementation of the General Plan 2045. The impact analysis in this section is based, in part, upon visual simulations of potential development scenarios within the Gateway Area that could occur within the planning horizon. Visual changes and associated effects of the development scenario within the Gateway Area were demonstrated by identifying visual resources (viewsheds) before and after implementation of the proposed development scenarios. The primary viewshed considered comprises views from the Wildberries parking lot facing towards Humboldt Bay, which is where the Gateway Area Infill Opportunity Zone is located. Potential visual impacts associated with the development scenario involving multi-story buildings were also evaluated.

3.2.6 Impacts and Mitigation Measures

Impact AES-a: Would adoption and implementation of the General Plan 2045 have a substantial adverse effect on a scenic vista?

Gateway Area and Other Infill Opportunity Zones

Development within the Gateway Area over the course of the planning horizon is anticipated to include up to 500 new dwelling units. For the purposes of this analysis, building story height is projected to range from five stories within the Gateway Neighborhood District, six stories within the Gateway Corridor District, seven stories in the Gateway Hub District, to eight stories within the Gateway Barrel District as described in Section 2.6.1 (Project Description). These districts are shown in Figure 2-2 (General Plan Use Designations within the Gateway Area).

A scenic vista can be described as a picturesque scene of open space with little or no intrusions. Policy D-3a in the General Plan 2020 Design Element designates views from the SR 101 corridor, from the southern city boundary to the Mad River, as a coastal scenic highway. This project will be visible to northbound and southbound traffic on SR 101 when traveling to the south of the St. Louis Road Overcrossing. Policy D-3b in the General Plan 2020 Design Element designates views from L.K. Wood Blvd, from the St. Louis Road Overcrossing to 14th Street, as a non-coastal scenic highway. This project will be visible to northbound and southbound traffic on L.K. Wood Blvd when traveling to the north of Sunset Avenue and the south of the St. Louis Road Overcrossing.

Views of the Gateway and Downtown Infill Opportunity Zones are most visible from high elevation areas in the City such as along 14th Street, along Samoa Blvd facing northwest towards Manila, and immediately adjacent to the Gateway Area. Scenic vistas most likely to be affected by implementation of the General Plan 2045 due to development within the Gateway Area include views looking south and east towards Humboldt Bay and the mountains from 14th Street at the intersections with G, H, I, J, and K Streets (i.e., “the top of the hill”). Images 3.2-1 through 3.2-3 depict existing conditions using Google Earth imagery. Figures 3.2-1 (A&B), and 3.2-2 (A&B) depict what a full build out scenario in the Gateway Area could look like from two locations located at the top of the hill.

Figures 3.2-1 through 3.2-3 illustrate 500 new dwelling units with businesses and offices on the first floor of each building. These figures depict how this particular scenario of development would look at the street level and from an aerial perspective; however, it should be noted that these figures are purely illustrative for the purposes of this analysis and development will likely occur in other scenarios within the confines of allowable development per district. Figures 3.2-1 through 3.2-3 include views of the Gateway Area from the following locations and elevations. Existing views at each location are provided below as Images 3.2-1 through 3.2-3.

– Figure 3.2-1A: 13th & H Streets at approximately 10 feet above ground level.
– Figure 3.2-1B: 13th & H Streets at approximately 100 feet above ground level.
– Figure 3.2-2A: 14th & K Streets at approximately 10 feet above ground level.
– Figure 3.2-2B: 14th & K Streets at approximately 100 feet above ground level.
– Figure 3.2-3A: Samoa Blvd & SR 101 ramp at approximately 10 feet above ground level.
– Figure 3.2-3B: Samoa Blvd & SR 101 ramp at approximately 100 feet above ground level.

Development in remaining Infill Opportunity Zones would result in modest changes to development patterns in the near-term but may significantly change the look and feel of commercial corridors, the Downtown area, and the Valley West / North Arcata area in particular by the end of the planning period (2045). These changes would occur gradually and are not currently envisioned to include multi-story buildings over 70 feet. Development in remaining Infill Opportunity Zones is not in close proximity to identified scenic vistas that would be impacted by midrise development.

As shown between existing conditions and the schematic, views of Humboldt Bay and the mountains could be altered to include buildings within the Gateway Area as part of the viewscape in the urbanized foreground. Views from K Street (Figure 3.2-2A) would be impacted more than views from H street (Figure 3.2-1A) due to zoning code of the Gateway Area, which allows the tallest buildings to occur west of L Street. This choice of land use boundary code will preserve views and neighborhood character to the extent feasible, while still enabling development of multi-story buildings within the Gateway Area. Views of the Bay and mountains would remain visible from both K and H Streets, however, would also include views of the buildings (under this development scenario).

Views of the Bay and mountains would still be visible around the buildings and would still be visible from other locations throughout the City. Five and six story buildings are proposed to be permitted in the southern Gateway Area (within the Gateway Corridor and Gateway Neighborhood districts, see Figure 2-2), which could impact views from G, H, and I Streets at the top of the hill. The potential impacts to scenic vistas from development of five and six story buildings viewed from the top of the hill at G, H, and I Streets is not considered significant because views of the Bay would only be partially blocked, and the Bay would still be visible. In addition, current zoning allows for four story buildings within these sightlines. Four story buildings would similarly partially obscure views and add new structures to the existing viewscape; as such, baseline and proposed five and six-story projects would have substantially similar aesthetic impacts.

Similarly, potential impacts to scenic vistas from development of seven and eight story buildings viewed from the top of K Street would not be significant because views of the Bay would still remain largely intact. H Street is a major southbound thoroughfare and development of seven and eight story buildings at the western edge (downhill side) of H Street is prohibited, which will maintain the viewscape as much as possible. Therefore, a less than significant impact to scenic vistas would occur from implementation of the General Plan 2045.

Views of the agricultural land south of the City limits along Samoa Boulevard would not be modified by proposed development in the Gateway Area because those views are currently not visible from within City limits.



Image 3.2-1. Existing View of Southbound H Street.



Image 3.2-2. Existing View of Southbound K Street



Image 3.2-3. Existing View of Northwest Bound Samoa Blvd

Remaining Study Area

Development outside of the Infill Opportunity Zones is not anticipated to be substantially different from existing development. The most significant changes to land use code are within the Gateway Area with minimal changes to development standards outside of the Gateway Area. Therefore, development outside of the Gateway Area is anticipated to resemble existing development and it is unlikely that future proposed development under the General Plan 2045 outside the Gateway Area would adversely affect a scenic vista. A less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact AES-b: Would adoption and implementation of the General Plan substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

According to the California Scenic Highway Mapping System, there are no designated State Scenic Highway in the project vicinity. Highways 101 and 299 are listed as “Eligible State Scenic Highways-Not Officially Designated” (Caltrans 2023); however, an eligible state highway can only become officially designated through a process in which the local governing body applies to Caltrans for scenic highway approval, adopts a Corridor Protection Program identifying and defining highly scenic and natural features as viewed from the highway, and receives notification that the highway has been officially designated a State Scenic Highway by the Caltrans Director.

In the case of the 101 and 299 corridors, the portions running through City limits that are likely to be modified as a result of the General Plan 2045 are unlikely to be designated due to their urban character, as the City’s strategy is to protect scenic natural areas and emphasize development within existing developed areas. Future development is anticipated to be concentrated within the Infill Opportunity Zones and have no ability to substantially damage scenic resources directly as changes will be limited to concentrating additional urban features within existing urbanized areas throughout the City’s Infill Opportunity Zones adjacent to these highways (Downtown Infill Opportunity Zone, Craftsman’s Mall Opportunity Zone, Valley West Infill Opportunity Zone).

The proposed development associated with the General Plan 2045 does not have the potential to substantially damage any scenic resources within City limits such as landmark trees, rock outcroppings, or historic buildings, which will receive the same protections as under current City policy. Therefore, the proposed project will not substantially damage scenic resources within a State Scenic Highway. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact AES-c: In non-urbanized areas, would adoption and implementation of the General Plan substantially degrade the existing visual character or quality of public view of the site and its surroundings? (Public Views are those that are experienced from publicly accessible vantage point). If the General Plan applies to an urbanized area, would the adoption and implementation of the General Plan conflict with applicable zoning and other regulations governing scenic quality?

Gateway Area and Other Infill Opportunity Zones

As described in impact question (a), the emphasis on infill densification will result in modest changes to development patterns in the near-term but may significantly change the look and feel of the Gateway Area, commercial corridors, the Downtown area, and the Valley West / North Arcata areas in particular by the end of the planning period (2045).

This intentional plan to build upwards, as opposed to outwards, is desired by the City to promote conservation of natural resources, such as agricultural land and wetlands that surround the City limits, and this priority is reinforced in both current and proposed zoning. Development in other Infill Opportunity Zones would not include multi-story buildings (greater than 70 feet) and would, therefore, resemble existing development throughout City limits. The adoption and implementation of the General Plan 2045 is the overarching guidance for the implementation of zoning and other regulations governing scenic quality and would, therefore, not constitute a conflict. All development would be in compliance with applicable zoning and other regulations governing scenic quality, which are designed to enhance the architectural environment of the City. A less than significant impact would occur.

Remaining Study Area

The focus of growth over the planning period is within the Infill Opportunity Zones, however, some development is anticipated to occur outside of these zones. Development outside of the Gateway Area would resemble existing development and would, therefore, not substantially degrade the existing visual character or quality of public view. Applicable zoning and other regulations governing scenic quality are not anticipated to be substantially modified in ways that would substantially degrade the existing visual character of the City. All development would be in compliance with applicable zoning and other regulations governing scenic quality. Therefore, a less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact AES-d: Would adoption and implementation of the General Plan create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Gateway Area and Other Infill Opportunity Zones

The Gateway Area is anticipated to contain high density, multi-story development over the course of the planning period. Therefore, this development will create new sources of light. All outdoor lighting would need to comply with General Plan 2045 policies, particularly Policy D-2b: Streetscape design, which states that shielded and directional street and parking lot lighting that is adequate for safety but not overly bright should be considered in future improvement projects. Unique to the Gateway Area is the proposed multi-story development, which would result in views of potentially lit up windows at multiple stories as compared to current conditions (an absence of that type of development). Nighttime views of lit windows would be inconsistent because it is anticipated that curtains and blinds would be utilized.

Theoretical build out of the Gateway Area Plan, which assumes up to 3,500 dwelling units may be created, is not expected to occur in this planning horizon. Rather, development of approximately 500 dwelling units within the Gateway Area is anticipated to occur. Development within the Gateway Area involving high density multi-story building(s) would modify the existing aesthetic character of area, which is discussed in question (a), however, would not introduce a new source of substantial light or glare due to the encouraged use of outdoor light shielding. Nighttime views of lit windows would be inconsistent because it is anticipated that curtains and blinds would be utilized. Proposed development is not anticipated to cause substantial glare because of the overcast climate and, therefore, lack of direct sunlight that could cause glare. Although new light would be visible as compared to existing conditions, the new light sources within this planning period is not considered substantial given the Gateway Area is within the City footprint and is not within an undisturbed area. A less than significant impact would occur.

Remaining Study Area

Proposed development within the remaining study area would be similar to existing development and would incorporate policies from the General Plan 2045, such as considering shielded lighting in new development. Due to the absence of high density, multi-story buildings in the remaining study area, and anticipated development to look similar to existing development, no new substantial sources of light or glare would occur. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.2.7 Cumulative Impacts

Impact AES-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to visual resources?

The adoption and implementation of the General Plan 2045 is inherently allowing for cumulative change within the study area. The incremental development that is anticipated to occur will modify visual resources within the City. However, views of scenic vistas would persist, although be modified, and the existing industrial setting of the Gateway Area would be enhanced to a more urban space. The proposed General Plan 2045 encourages smart growth development that is anticipated to make the City feel and appear more urban. This is not incidental, rather it is by design and, therefore, is not considered a cumulative impact because the intent of the General Plan 2045 is to implement smart growth design principles which include building upwards as opposed to outwards. With adherence to applicable federal, state, and local regulations governing aesthetic resources and compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with aesthetic resources in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.2.8 References

California Department of Transportation (Caltrans). 2019. List of eligible and officially designated State Scenic Highways. August 2019. Available at: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways

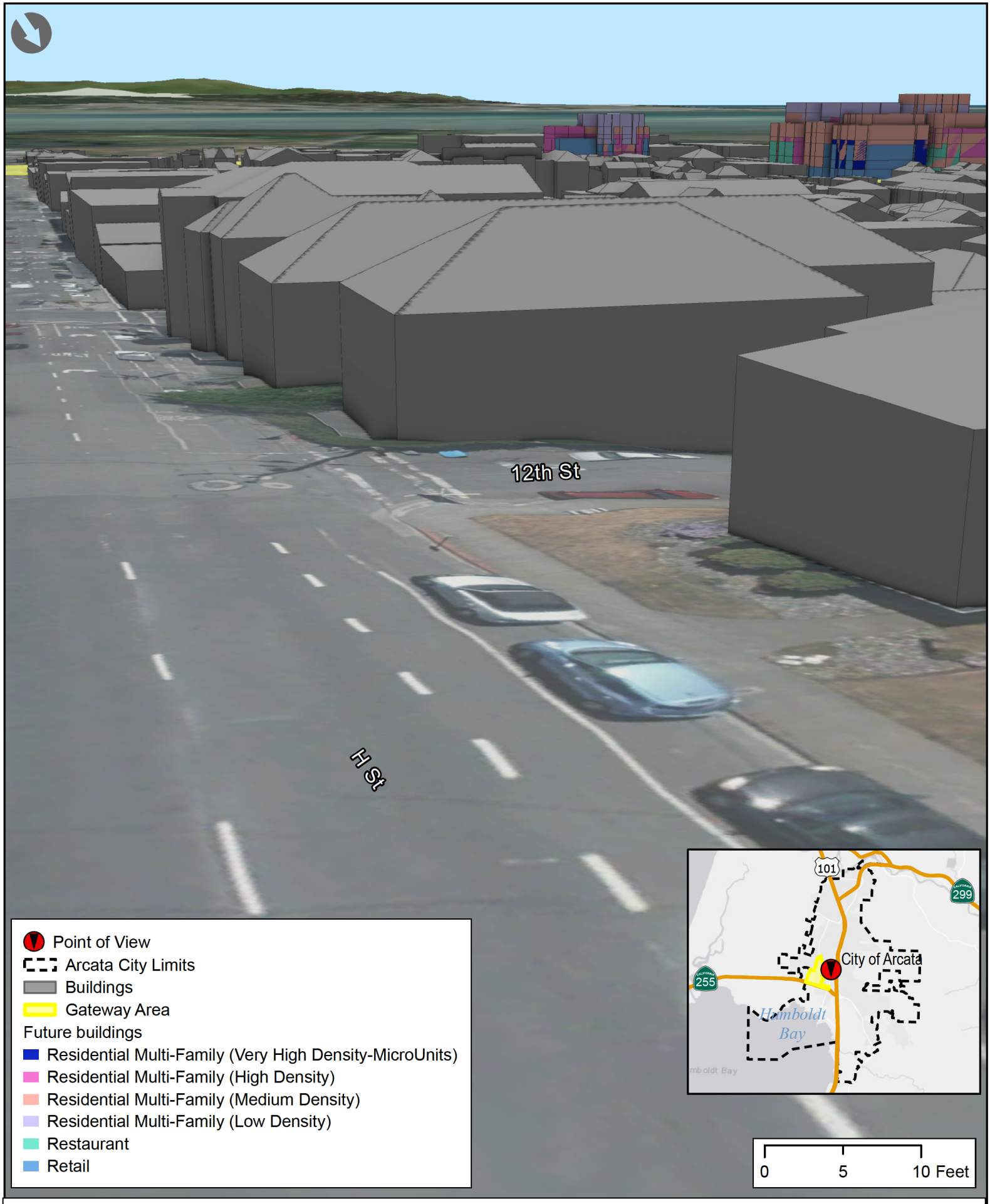

Figure 3.2-1A: View of Arcata Plaza - Looking South from H Street -10-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Esri Community Maps Contributors, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat,

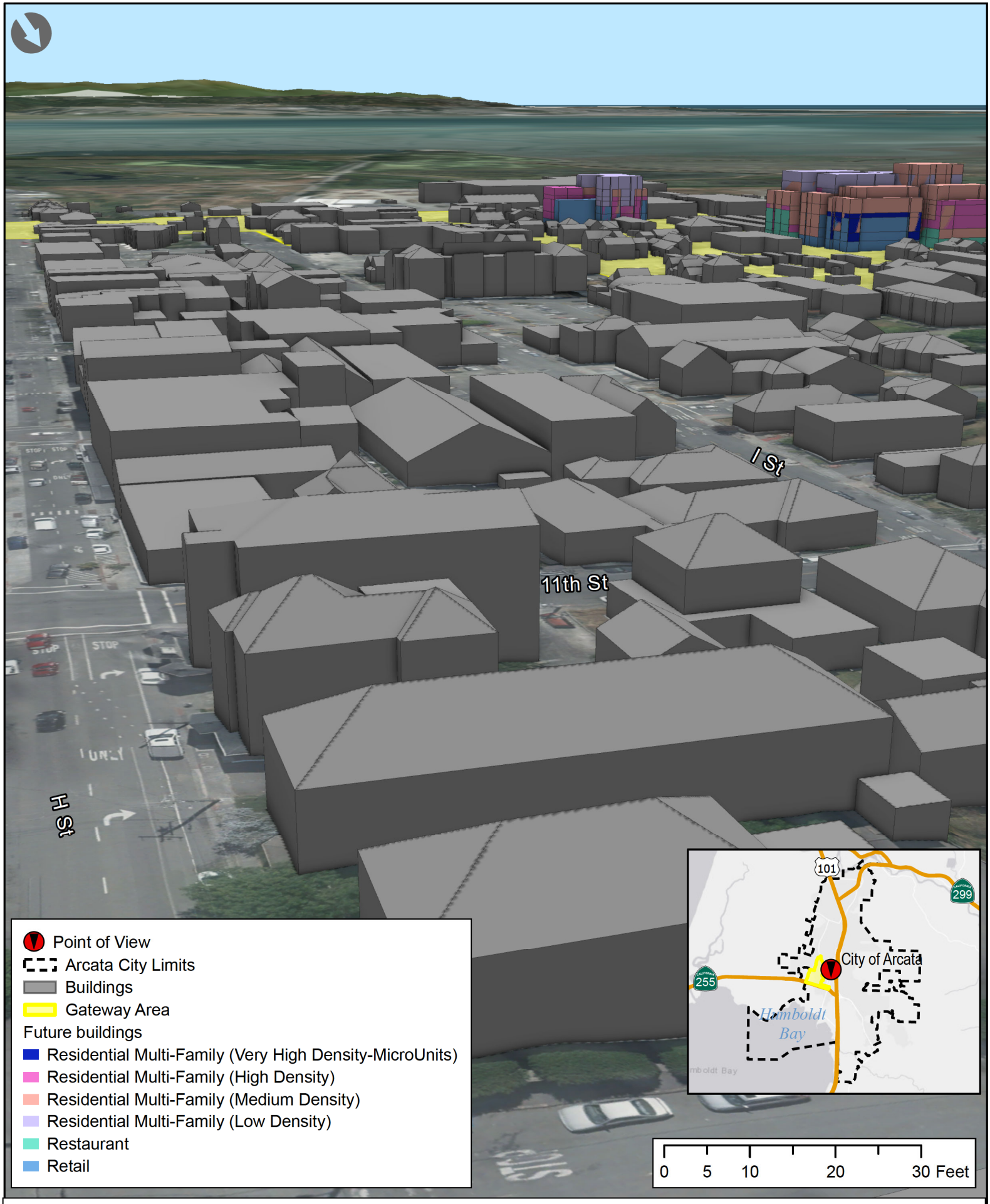

Figure 3.2-1B: View of Arcata Plaza - Looking South from H Street -100-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Esri Community Maps Contributors, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat,



Figure 3.2-2A: View of Gateway Area - Looking South from K Street -10-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community; Roads: Humboldt County; Proposed Facilities: GHD

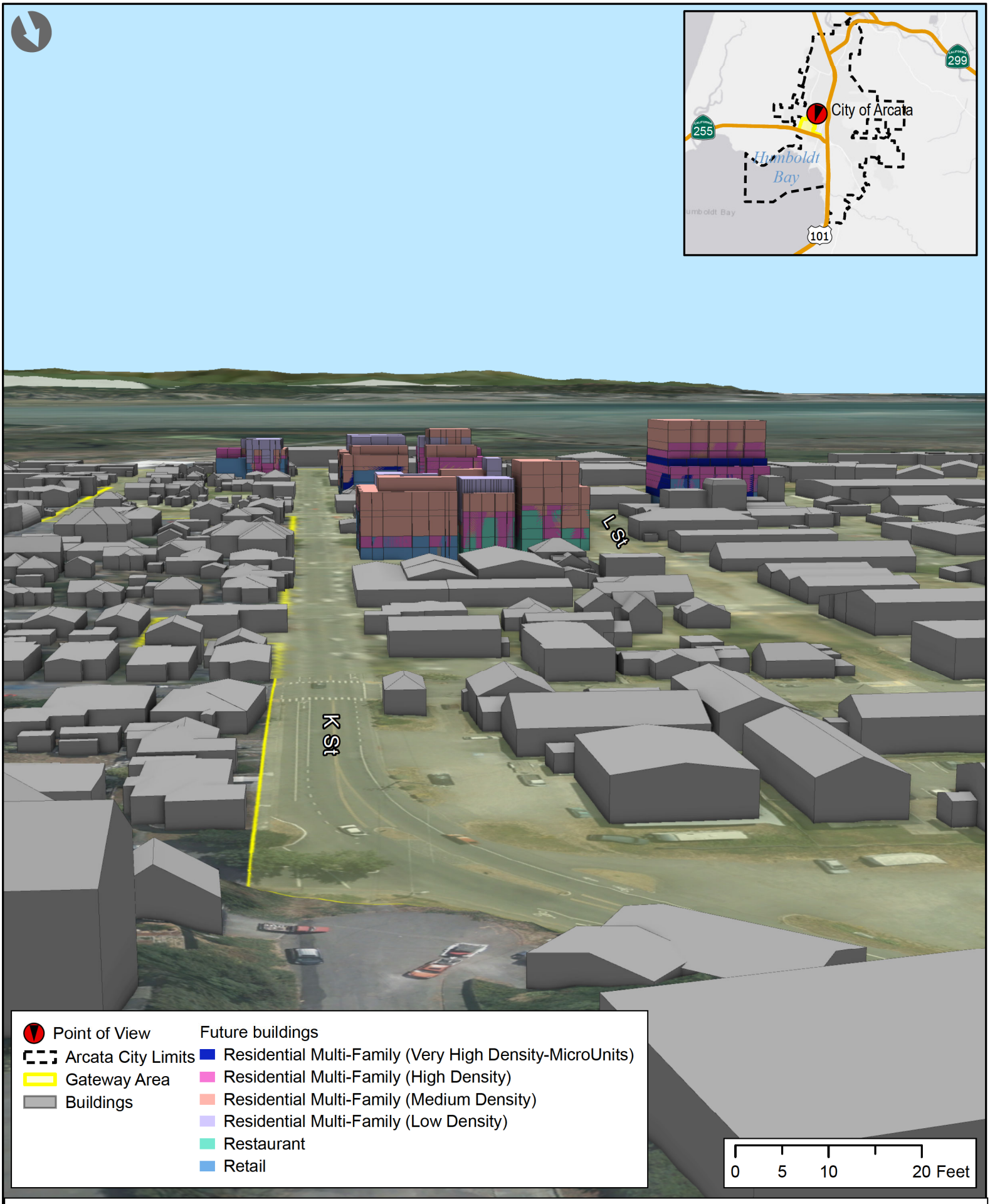

Figure 3.2-2B: View of Gateway Area - Looking South from K Street -100-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community; Roads: Humboldt County; Proposed Facilities: GHD

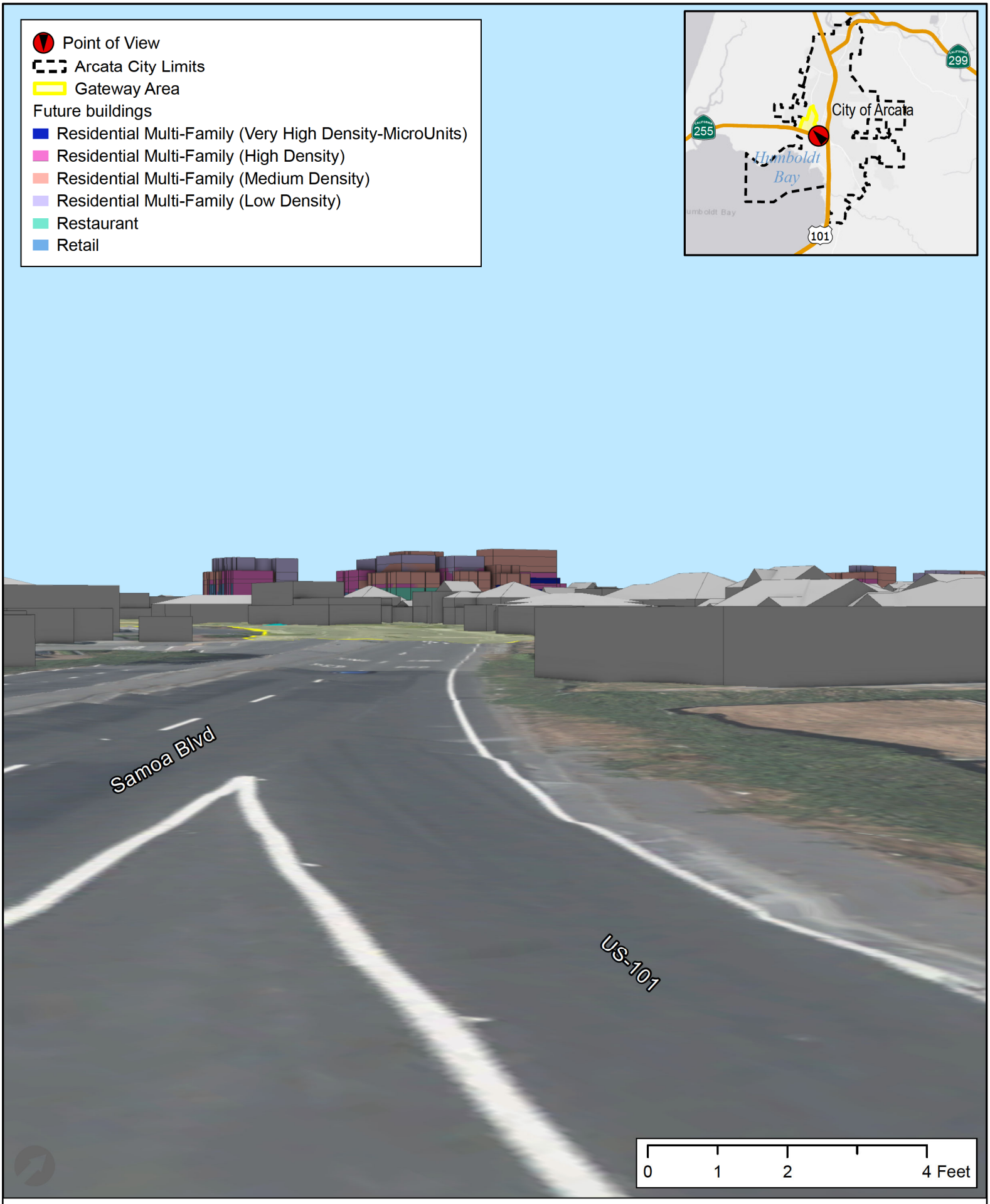

Figure 3.2-3A: View of Gateway Area - Looking Northwest from Samoa Blvd -10-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community; Roads: Humboldt County; Proposed Facilities: GHD

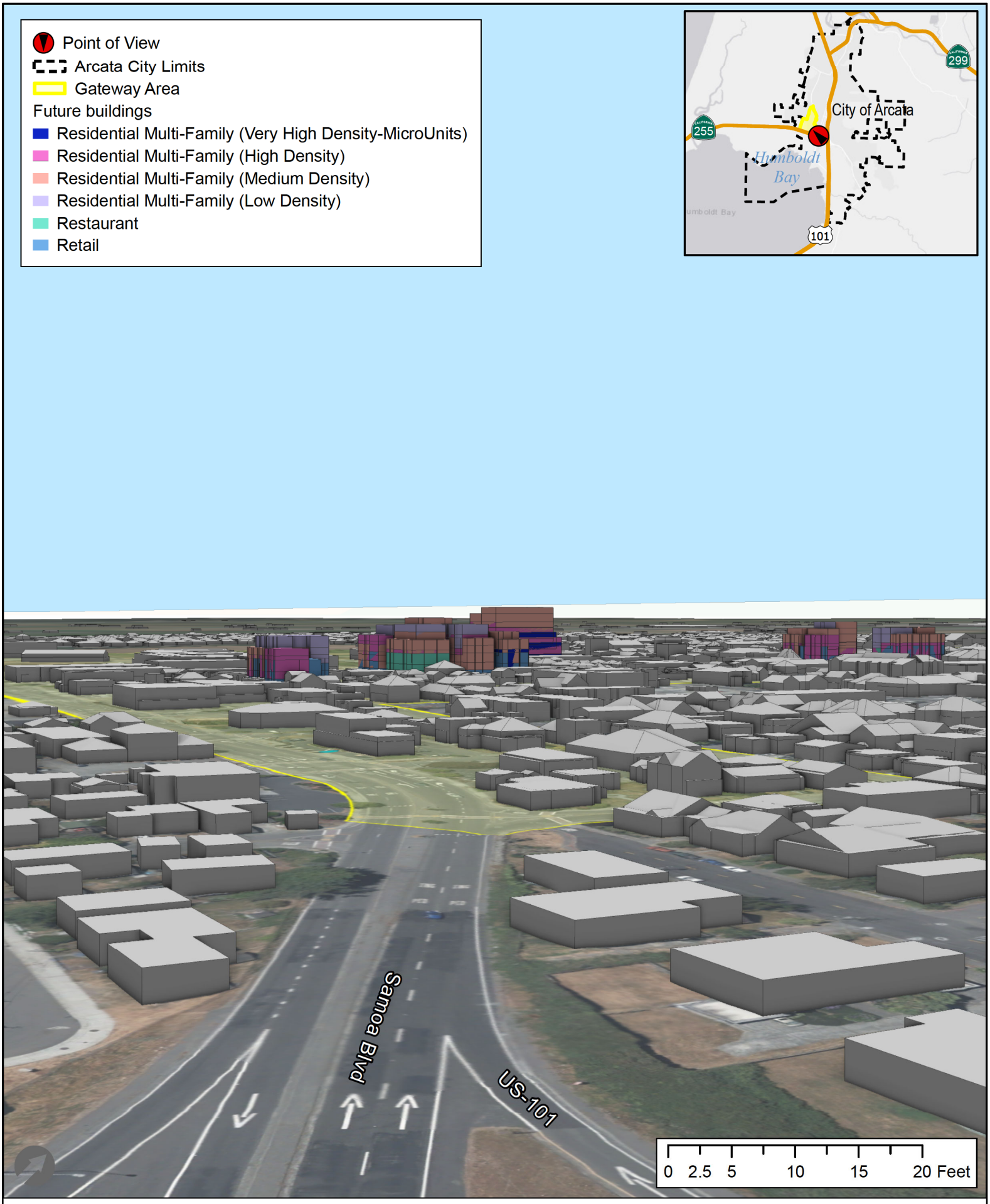

Figure 3.2-3B: View of Gateway Area - Looking Northwest from Samoa Blvd -100-ft above ground

Created by GHD
Map Date: 6/2/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community; Roads: Humboldt County; Proposed Facilities: GHD

3.3 Air Quality

This section evaluates potential impacts related to air quality during construction and operation of the Project. To provide the basis for this evaluation, the Setting section describes the air basin setting. The Regulatory Framework section describes the regulatory background that applies to the Project. The Impact Analysis section establishes the thresholds of significance, evaluates potential air quality impacts, and identifies the significance of impacts.

3.3.1 Study Area

The study area for air quality impacts includes the City limits and the North Coast Air Basin.

3.3.2 Setting

North Coast Air Basin

The study area is located in Humboldt County in the North Coast Air Basin, which is comprised of Del Norte, Humboldt, Mendocino, and Trinity Counties, as well as the northern and western portion of Sonoma County. The study area is located within the North Coast Unified Air Quality Management District (NCUAQMD), which regulates air quality at the regional level, including Humboldt, Del Norte, and Trinity counties.

Climate

The local climates, or sub-climates, within the North Coast Air Basin are affected by elevation and proximity to the Pacific Ocean. Humboldt County contains sub-climates that are created by local topography and proximity to the ocean. The study area is located proximal to the Pacific Ocean (Humboldt Bay) and is influenced by coastal fog throughout the year. Precipitation within the County is seasonal, with 90 percent of the annual precipitation occurring between October and April. During the winter, moderate temperatures, frequent fog, and moderate to heavy precipitation cause inversions, which impact air quality. Inversions are created when warm air traps cool air near the ground surface and hinders vertical dispersion. Humboldt County commonly experiences two types of inversions, vertical and horizontal, that affect the vertical depth of the atmosphere through which pollutants can be mixed. Vertical air movement is important in spreading pollutants through a thicker layer of air. Horizontal movement is important in spreading pollutants over a wider area. Upward dispersion of pollutants is hindered wherever the atmosphere is stable, that is, where warm air overlies cooler air below (Humboldt County 2017).

Sensitive Receptors within the Study Area

Sensitive receptors are people who are particularly susceptible to the adverse effects of air pollution. California Air Resources Board (CARB) has identified the following people most likely to be affected by air pollution: children, the elderly, the acutely ill, and the chronically ill, especially those with cardio-respiratory diseases. Sensitive receptor locations include residences, schools, playgrounds, childcare centers, retirement homes, hospitals, and medical clinics. The study area, including infill opportunity zones, is largely developed with urban uses. Sensitive receptor locations within and immediately adjacent to the study area include residences, multiple schools, community gardens, parks, and the Mad River Community Hospital.

Sensitive Receptors within the Gateway Area

The Gateway Area is developed in a mix of urban uses, including heavy- and light-industrial, retail, residential and other uses. Numerous sensitive receptor locations are present within and immediately adjacent to the Gateway Area, including residences, Arcata High School, a portion of Arcata Rail-with-Trail, and community gardens.

Existing Air Quality – Criteria Air Pollutants

The CARB and the U.S. Environmental Protection Agency (EPA) currently focus on the following criteria air pollutants as indicators of ambient air quality: ozone, carbon monoxide (CO); nitrogen dioxide, sulfur dioxide; lead, and particulate matter (PM). Table 3.3-1 summarizes state and federal ambient air quality standards. The study area is in attainment for lead, sulfur dioxide, and nitrogen dioxide; therefore, those pollutants are not further discussed. The following section discusses the remaining criteria pollutants - PM, ozone, and CO - for which PM is of greatest concern in the region (NCUAQMD 2023).

Table 3.3-1 Relevant California and National Ambient Air Quality Standards and Attainment Status

Pollutant	Averaging Time	California Standards		National Standards	
		Standard	Humboldt County Status	Standard	Humboldt County Status
Ozone	8-hour	0.070 ppm (137 µg/m^3)	Attainment	0.070 ppm (137 µg/m^3)	Unclassified/ Attainment
	1-hour	0.09 ppm (180 µg/m^3)	Attainment	None	NA
Carbon Monoxide	1-hour	20 ppm (23 mg/m^3)	Attainment	35 ppm (40 mg/m^3)	Unclassified/ Attainment
	8-hour	9.0 ppm (10 mg/m^3)	Attainment	9 ppm (10 mg/m^3)	
Nitrogen Dioxide	1-hour	0.18 ppm (339 µg/m^3)	Attainment	0.100 ppm (188 µg/m^3)	Unclassified/ Attainment
	Annual	0.030 ppm (57 µg/m^3)	Attainment	0.053 ppm (100 µg/m^3)	
Sulfur Dioxide	1-hour	0.25 ppm (655 µg/m^3)	Attainment	0.075 ppm (196 µg/m^3)	Unclassified
	24-hour	0.04 ppm (105 µg/m^3)	Attainment	0.14 ppm (365 µg/m^3)	
	Annual	None	NA	0.030 ppm (56 µg/m^3)	
Respirable Particulate Matter (PM_{10})	24-hour	50 µg/m^3	Nonattainment	150 µg/m^3	Unclassified
	Annual	20 µg/m^3	Attainment	None	
Fine Particulate Matter ($PM_{2.5}$)	24-hour	None	NA	35 µg/m^3	Unclassified/ Attainment
	Annual	12 µg/m3	Attainment	12.0 µg/m^3	

Sources: CARB 2016. CARB 2022. NCUAQMD 2023.

Notes:
ppm = parts per million
mg/m^3 = milligrams per cubic meter
µg/m^3 = micrograms per cubic meter

Particulate Matter

Particulate matter is a complex mixture of tiny particles that consists of dry solid fragments, solid cores with liquid coatings, and small droplets of liquid. These particles vary greatly in shape, size, and chemical composition, and can be made up of many different materials such as metals, soot, soil, and dust. Particles 10 microns or less in diameter are defined as respirable particulate matter or PM_{10}. Fine particles are 2.5 microns or less in diameter ($PM_{2.5}$) and, while also respirable, can contribute significantly to regional haze and reduction of visibility. Inhalable particulates come from smoke, dust, aerosols, and metallic oxides. Although particulates are found naturally in the air, most particulate matter found in Humboldt County is emitted either directly or indirectly by unpaved road dust, managed burning and disposal, and residential fuel combustion. Extended exposure to PM can increase the risk of chronic respiratory disease (BAAQMD 2017). PM exposure is also associated with increased risk of premature deaths, especially in the elderly and people with pre-existing cardiopulmonary disease. In children,

studies have shown associations between PM exposure and reduced lung function and increased respiratory symptoms and illnesses.

Ozone

Ground-level ozone is the principal component of smog. Ozone is not directly emitted into the atmosphere, but instead forms through a photochemical reaction of reactive organic gases (ROG) and nitrogen oxides (NOx), which are known as ozone precursors. Ozone levels are highest from late spring through autumn when precursor emissions are high and meteorological conditions are warm and stagnant. Motor vehicles create the majority of ROG and NO_X emissions in California. Exposure to levels of ozone above current ambient air quality standards can lead to human health effects such as lung inflammation, tissue damage, and impaired lung function. Ozone exposure is also associated with symptoms such as coughing, chest tightness, shortness of breath, and the worsening of asthma symptoms (BAAQMD 2017). The greatest risk for harmful health effects belongs to outdoor workers, athletes, children, and others who spend greater amounts of time outdoors during periods of high ozone levels, typically during the summer.

Carbon Monoxide

CO is a non-reactive pollutant that is toxic, invisible, and odorless. It is formed by the incomplete combustion of fuels. The largest sources of CO emissions are motor vehicles, wood stoves, and fireplaces. CO is directly emitted to the atmosphere, where levels are strongly influenced by meteorological factors such as wind speed and atmospheric stability. The health threat from elevated ambient levels of CO is most serious for those who suffer from heart disease, like angina, clogged arteries, or congestive heart failure; however, high levels of CO can affect even healthy people. People who breathe high levels of CO can develop vision problems, reduced ability to work or learn, reduced manual dexterity, and difficulty performing complex tasks. At extremely high levels, CO is poisonous and can cause death.

Toxic Air Contaminants

Toxic air contaminants (TACs) are a broad class of compounds known to cause morbidity or mortality (usually because they cause cancer or serious illness) and include, but are not limited to, the criteria air pollutants listed in Table 3.3-1. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., diesel particulate matter near a freeway). As noted below in Section 3.3.3, because chronic exposure can result in adverse health effects, TACs are regulated at the regional, state, and federal level. The identification, regulation, and monitoring of TACs is relatively new compared to that for criteria air pollutants that have established ambient air quality standards.

TACs are regulated or evaluated on the basis of risk to human health rather than comparison to an ambient air quality standard or emission-based threshold. Diesel particulate matter, which is a component of diesel exhaust, is the predominant TAC in urban air with the potential to cause cancer. A 10-year research program (CARB 1998) demonstrated that diesel particulate matter from diesel-fueled engines is a human carcinogen and that chronic (long-term) inhalation exposure to diesel particulate matter poses a chronic health risk. It is estimated to represent about two-thirds of the cancer risk from TACs (based on the statewide average).

According to the CARB, diesel exhaust is a complex mixture of gases, vapors, and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB, and are listed as carcinogens either under the State's Proposition 65 or under the federal Hazardous Air Pollutants program. California has adopted a comprehensive diesel risk reduction program, and recently adopted new regulations requiring the retrofit and/or replacement of construction equipment, on-highway diesel trucks, and diesel buses in order to lower $PM_{2.5}$ emissions and reduce statewide cancer risk from diesel exhaust (see Section 3.3.3 below).

TACs are measured for their increased cancer risk and non-cancer risk on sensitive receptors. Sensitive receptor locations exist where an identifiable subset of the general population (children, asthmatics, the elderly, and the

chronically ill) that is at greater risk than the general population to the effects of air pollutants are likely to be exposed. These locations include residences, schools, playgrounds, childcare centers, retirement homes, hospitals, and medical clinics.

Odor

Odors are generally regarded as a nuisance or annoyance rather than a health hazard, although individuals can have a strong physical response to specific odors. Odor intensity depends on the concentration of the substance in the air. The ability to detect odors varies considerably among the population. The detection of odors is subjective; where some individuals have the ability to smell minute quantities of specific substances, others may not have the same sensitivity but may have sensitivities to odors of other substances. Reactions to odors vary significantly as well.

3.3.3 Regulatory Framework

The federal Clean Air Act of 1977 governs air quality in the United States. In addition to being subject to federal requirements, air quality in California is also governed by more stringent regulations under the California Clean Air Act.

As noted above, because chronic exposure can result in adverse health effects, TACs are regulated at the regional, state, and federal level. The identification, regulation, and monitoring of TACs is relatively new compared to that for criteria air pollutants that have established ambient air quality standards. Specifically, TACs are regulated or evaluated on the basis of risk to human health rather than comparison to an ambient air quality standard or emission-based threshold.

Federal

The EPA is responsible for enforcing the federal Clean Air Act and for establishing the National Ambient Air Quality Standards. The National Ambient Air Quality Standards are required under the federal Clean Air Act and subsequent amendments.

State

In California, the CARB, which is part of the California EPA, is responsible for meeting the state requirements of the federal Clean Air Act, administering the California Clean Air Act, and establishing the California Ambient Air Quality Standards. The California Clean Air Act, as amended in 1992, requires all air districts in the state to endeavor to achieve and maintain the California Ambient Air Quality Standards. CARB regulates mobile air pollution sources, such as motor vehicles. It is responsible for setting emission standards for vehicles sold in California and for other emission sources, such as consumer products and certain off-road equipment. CARB oversees the functions of local air pollution control districts and air quality management districts, which in turn administer air quality activities at the regional and county level.

California Coastal Act

The following policies of the California Coastal Act regulate air quality.

> ***Section 30253. New Development shall:***
>
> *Be consistent with requirements imposed by an air pollution control district or the State Air Resources Control board as to each particular development.*

California Diesel Risk Reduction Program

CARB identified particulate emissions from diesel-fueled engines as TACs in August 1998. Following the identification process, CARB was required by law to determine if there is a need for further control, which led to the risk management phase of the program.

For the risk management phase, CARB formed the Diesel Advisory Committee to assist in the development of a risk management guidance document and a risk reduction plan. With the assistance of the Diesel Advisory Committee and its subcommittees, CARB developed the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles and the Risk Management Guidance for the Permitting of New Stationary Diesel-Fueled Engines. The Diesel Advisory Committee approved these documents on September 28, 2000, paving the way for the next step in the regulatory process: the control measure phase. The adopted Diesel Risk Reduction Plan contains goals to reduce diesel particulate matter emissions by 75 percent by 2010 and 85 percent by 2020.

During the control measure phase, specific statewide regulations designed to further reduce diesel particulate matter emissions from diesel-fueled engines and vehicles have and continue to be evaluated and developed. The goal of each regulation is to make diesel engines as clean as possible by establishing state-of-the-art technology requirements or emission standards to reduce diesel particulate matter emissions. Multiple Airborne Toxic Control Measures have since been adopted, reducing diesel particulate matter emissions for mobile sources such as Diesel-fueled transport refrigeration units and transport refrigeration unit generator sets, and commercial vehicles.

Local

The entire study area is subject to and regulated by the NCUAQMD. Most of the study area is within City limits. Therefore, this section includes City of Arcata General Plan and City's Local Coastal Program policies for the portions of the Project within City limits and within the Coastal Zone.

North Coast Unified Air Quality Management District

The NCUAQMD, one of 35 air districts in California, has jurisdiction over Humboldt, Del Norte, and Trinity counties. The NCUAQMD's primary responsibility is for controlling air pollution from stationary sources and maintaining healthful air quality throughout the tri-county jurisdiction. The NCUAQMD has permit authority over most types of stationary emission sources and can require stationary sources to obtain permits, impose emission limits, set fuel or material specifications, or establish operational limits to reduce air emissions. The NCUAQMD monitors air quality, enforces local, state and federal air quality regulations for counties within its jurisdiction, inventories and assesses the health risks of TACs, and adopts rules that limit pollution.

Humboldt County is listed as "attainment" or "unclassified" for all the federal and state ambient air quality standards except for the state 24-hour particulate (PM_{10}) standard (Table 3.3-1). The NCUAQMD has not formally adopted significance thresholds that would apply to the proposed Project. For construction emissions, the NCUAQMD has indicated that emissions are not considered regionally significant for projects whose construction would be of relatively short duration (i.e., lasting less than one year). For project construction that lasts more than one year or that involves above average construction intensity in volume of equipment or area disturbed, construction emissions may be compared to stationary source thresholds (NCUAQMD 2023).

Construction activities are subject to Rule 104 (Prohibitions) Section D (Fugitive Dust Emission), which requires reasonable precautions be taken to prevent PM from becoming airborne. These precautions include but are not limited to: 1) covering open bodied trucks when used for transporting materials likely to give rise to airborne dust; and 2) the use of water during the grading of roads or the clearing of land.

Finally, Rule 110 - New Source Review And Prevention of Significant Deterioration establishes the pre-construction review requirements for new and modified stationary sources of air pollution. This Project does not include any new stationary sources; therefore, Rule 110 would not apply.

City of Arcata General Plan 2020

The City of Arcata General Plan 2020 addresses air quality in its Air Quality Element. The City's Air Quality Element has specific goals and related policies that address reducing stationary and mobile sources of air pollutants. The policies within the City of Arcata General Plan 2020 that regulate air quality include the following:

Air Quality Element

AQ-2: Mobile Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from transportation sources, particularly motor vehicles, and other mobile sources. Reduce vehicle miles of travel and encourage shifts to alternative modes of travel.*

Applicable sub-policies:

- ***AQ-2a: Implement land use measures to reduce vehicle trips, miles traveled, and air pollutant emissions.*** *Implement or encourage the land use and development measures which reduce motor vehicle travel as outlined in the transportation element. These measures are also effective in reducing mobile sources of air pollutants.*

- ***AQ-2b: Implement transportation measures to reduce vehicle trips, miles traveled, and air pollutant emissions****. Implement or encourage the following measures to reduce vehicle miles traveled and provide alternatives to the single occupant motor vehicle, as outlined in the Transportation Element.*

  1. *Provide as direct and safe a travel route as possible for all travel modes.*
  2. *Implement and support public education programs explaining the negative impacts of single occupant vehicle use, and encourage the development of employer-based measures to reduce employee automobile travel.*

- ***AQ-2c: Reduce or minimize the creation of "hot spots" or localized places of concentrated automobile emissions.*** *Implement or encourage the following measures to reduce hot spots, which occur where groups of vehicles are required to idle (e.g., at congested intersections, driveways, and drive-through facilities).*

  1. *Minimize the delay and congestion at unsignalized and signalized intersections to reduce emissions from idling vehicles. Attempt to achieve this through reducing automobile travel, minor capacity improvements, or fine-tuning of intersection operations. Discourage major capacity improvements at intersections, minimize new signalized intersections, or any other improvement which discourages walking, bicycling, or transit use.*
  2. *Minimize or restrict land uses with drive-through facilities located in areas of concentrated traffic or near congested intersections.*
  3. *Construction of projects with large parking lots or high volume driveways shall identify traffic impacts and provide evidence that project design will optimize internal circulation and minimize delay. Ensure that mitigation measures balance the needs of automobiles, pedestrians, bicyclists, and transit riders.*

- ***AQ-2d: Design Arcata's highest traveled arterials to minimize stopping.*** *Recognize that automobiles are most efficient and less polluting at constant, moderate speeds between 25 and 35 miles per hour. Minimize idling delay, excessive congestion, and excessive speeds with the following measures:*

  1. *Eliminate traffic bottlenecks with traffic flow improvements (such as re-allocating turning lanes, or converting all-way stop control to roundabouts or two-way stop control), without impacting the safety of pedestrians, bicyclists, or transit facilities.*
  2. *Review access plans for commercial driveways to ensure designs minimize idling vehicles and concentrations of traffic. For larger projects, require multiple driveways rather than single driveways and consider turn restrictions where delays to existing driveways could be significant.*

- ***AQ-2e:*** *Recognize that poor air quality is caused by the combination of high pollutant emissions and meteorological conditions which do not allow for dispersal of pollutants. The City shall coordinate a joint effort with the NCUAQMD to minimize the impact of high pollutant incidents and notify the public about meteorological conditions that contribute to poor air quality. The joint effort shall include employing the following measures:*

1. *Require traffic and construction site dust control measures at construction projects. Require measures which reduce emissions from construction activity and maximize efficiency of traffic flow during inversion conditions.*

- ***AQ-2f: Enforce air quality control measures and monitoring at construction sites.*** *Construction emissions shall be controlled because, although they are temporary in nature, they can often be the greatest air quality impact of a project. Require the following control measures for construction activities when necessary:*

  1. *Water all active construction areas twice per day and use erosion control measures to prevent water runoff containing silt and debris from entering the storm drain system.*
  2. *Cover trucks hauling soil, sand and other loose material.*
  3. *Pave, water, or apply non-toxic soil stabilizers on unpaved access roads and parking areas.*
  4. *Sweep paved access roads and parking areas daily.*
  5. *Sweep streets daily if visible material is carried onto adjacent public streets.*

  For larger construction sites (four acres or greater) require the following measures when necessary in addition to those above:

  1. *Hydroseed or apply non-toxic soil stabilizers to inactive construction areas.*
  2. *Enclose, cover, water, or apply non-toxic soil binders to open materials stockpiles.*
  3. *Limit traffic speeds to 15 mph on unpaved access roads.*
  4. *Install erosion control measures to prevent silt runoff onto public roadways.*
  5. *Replant vegetation in disturbed areas within 30 days after project completion.*

  For construction sites near sensitive receptors, require the following measures when necessary, in addition to those above:

  1. *Install wheel washers for exiting trucks, or wash all equipment leaving site.*
  2. *Install wind breaks, or plant trees/vegetation at windward sides of construction areas, or avoid removing existing vegetation which acts as a windbreak.*
  3. *Suspend excavation and grading activity when winds exceed 25 mph.*
  4. *Limit area subject to excavation, grading, and other construction activities at any one time.*

Public Safety Element

- ***PS-6d Siting of facilities handling hazardous waste****. Businesses and agencies that use, store, or produce hazardous materials shall train employees and other users in safe handling and storage procedures, and shall post current Occupational Safety and Health Act (OSHA) and Humboldt County hazardous materials requirements. Businesses shall also comply with Federal "community right-to-know" regulations. The City shall consider proximity to sensitive receptors, such as schools, hospitals and other health care facilities, day care centers, and other immobile populations, when reviewing new facilities and businesses involved in these activities.*

Design Element

- ***D-1f Create buffers between incompatible land uses.*** *At boundaries between different land-use designations, and where different and incompatible land-uses are adjacent, buffer areas shall be incorporated into site design for new development. Buffers may consist of additional setbacks, landscaping, and visual and noise barriers such as fences or walls.*

Proposed City of Arcata General Plan 2045

The General Plan 2045 contains the following policies that may contribute to reducing air pollutant emissions or air quality impacts to sensitive receptors.

Air Quality Element

AQ-1: Point and Area Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from stationary point sources of air pollution (e.g., equipment at commercial and industrial facilities), and stationary area sources (e.g., wood-burning fireplaces and gas-powered lawn mowers), which cumulatively emit large quantities of emissions.*

Applicable sub-policies:

- ***AQ-1a: Reduce emissions from stationary point sources: commercial and industrial.*** *Coordinate with energy providers to develop incentive programs encouraging the use of less polluting, energy efficient designs and equipment in commercial and manufacturing uses. Encourage commercial and industrial uses to self-enforce emissions reductions by maintaining and repairing equipment, correcting leaks, installing control devices, and minimizing accidental releases. Coordinate with the District to establish buffer zones between point sources and the public, particularly sensitive receptors such as schools, hospitals, and convalescent facilities.*
- ***AQ-1b: Reduce emissions from stationary area sources: residential, commercial, and industrial.*** *Limit wood-burning fireplace installations in new construction to low -emitting, State and EPA certified fireplace inserts or woodstoves, pellet stoves, or natural gas fireplaces. New construction retrofits must comply with energy efficient construction codes to reduce energy consumption including high-efficiency windows, water heaters, and furnaces. Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development.*
- ***AQ-1c: Coordination between the District and Arcata Fire Protection District.*** *The City will encourage Arcata Fire Protection District officials to coordinate with the District to develop procedures for identifying, monitoring, and informing the public of high pollutant incidents related to fires and accidental or intentional releases of toxic or unknown materials. Coordination should encompass current air quality levels, meteorological conditions (stagnant air), prevailing wind directions, location of nearby sensitive receptors, potentially affected land uses, and types of potential toxic materials. Coordination and required permits are particularly important during the planning and implementation of controlled burns.*
- ***AQ-1d: Review of development projects for emissions reductions.*** *Evaluate new construction plans to reduce point and area sources of pollution. Consult with the District during the environmental review process to ensure that:*

  1. *Air quality impacts of development projects are assessed using analytical methods and significance criteria for emission rates approved by the District.*
  2. *Air quality mitigation is feasible, workable, monitorable, and cost effective.*
  3. *Impacts of projects that may be individually insignificant, but cumulatively significant are minimized or mitigated.*
  4. *Innovative measures are incorporated into the project design to reduce air quality impacts.*
  5. *The City shall require air filtrations systems at new sensitive receptor buildings to be designed and constructed with air filters rated at a minimum efficiency reporting value (MERV) 13 or higher.*

  Encourage the District to enforce these measures and their related policies.

AQ-2: Mobile Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from transportation sources, particularly motor vehicles, and other mobile sources. Reduce vehicle miles of travel and encourage shifts to alternative modes of travel.*

Applicable sub-policies:

- ***AQ-2a: Implement land use measures to reduce vehicle trips, miles traveled, and air pollutant emissions.*** *Implement or encourage the land use and development measures which reduce motor*

vehicle travel as outlined in the Transportation Element. These measures are also effective in reducing mobile sources of air pollutants.

- ***AQ-2b: Implement transportation measures to reduce vehicle trips, miles traveled, and air pollutant emissions.*** *Implement or encourage the following measures to reduce vehicle miles traveled and provide alternatives to the single occupant motor vehicle, as outlined in the Transportation Element.*

  1. *Provide as direct and safe a travel route as possible for all travel modes.*
  2. *Implement and support public education programs explaining the negative impacts of single occupant vehicle use, and encourage the development of employer-based measures to reduce employee automobile travel.*
  3. *Require A&MRTS and encourage other fleet operators to convert vehicles to run on less polluting alternative fuels at the earliest feasible time (See Policy RC-8a).*

- ***AQ-2c: Reduce or minimize the creation of "hot spots" or localized places of concentrated automobile emissions.*** *Implement or encourage the following measures to reduce hot spots, which occur where groups of vehicles are required to idle (e.g., at congested intersections, driveways and drive-through facilities).*

  1. *Minimize the delay and congestion at unsignalized and signalized intersections to reduce emissions from idling vehicles. Attempt to achieve this through reducing automobile travel, minor capacity improvements, or fine-tuning of intersection operations. Discourage major capacity improvements at intersections, minimize new signalized intersections, or any other improvement which discourages walking, bicycling, or transit use.*
  2. *Minimize or restrict land uses with drive-through facilities located in areas of concentrated traffic or near congested intersections.*
  3. *Construction of projects with large parking lots or high-volume driveways shall identify traffic impacts and provide evidence that project design will optimize internal circulation and minimize delay. Ensure that mitigation measures balance the needs of automobiles, pedestrians, bicyclists, and transit riders.*

- ***AQ-2d: Design Arcata's highest traveled arterials to minimize stopping.*** *Recognize that automobiles are most efficient and less polluting at constant, moderate speeds between 25 and 35 miles per hour. Minimize idling delay, excessive congestion, and excessive speeds with the following measures:*

  1. *Encourage Caltrans to coordinate traffic signals on Samoa Boulevard to maximize progression.*
  2. *Eliminate traffic bottlenecks with traffic flow improvements (such as re-allocating turning lanes, or converting all-way stop control to roundabouts or two-way stop control), without impacting the safety of pedestrians, bicyclists, or transit facilities.*
  3. *Review access plans for commercial driveways to ensure designs minimize idling vehicles and concentrations of traffic. For larger projects require multiple driveways rather than single driveways and consider turn restrictions where delays to existing driveways could be significant.*
  4. *Encourage and support law enforcement's efforts to expeditiously manage traffic incidents.*

- ***AQ-2e: Recognize that poor air quality is caused by the combination of high pollutant emissions and meteorological conditions that do not allow for dispersal of pollutants.*** *The City shall coordinate a joint effort with the District to minimize the impact of high pollutant incidents and notify the public about meteorological conditions that contribute to poor air quality. The joint effort shall include employing the following measures:*

  1. *Implement added air pollution control measures during predictable meteorological events of stagnant air. Inform the public of high pollutant incidents and encourage measures which minimize impacts, such as limiting use of wood-burning fireplaces, gas powered equipment, and avoiding non-essential vehicle travel.*
  2. *Promote and encourage employer-based and project-based Transportation Demand Measures (such as subsidized bus fare, flexible work hours, indoor bike storage, and incentives to carpool) to*

reduce automobile travel, particularly during periods of poor air quality.

3. *Support and encourage local industrial and commercial efforts to reduce emissions and particulate pollution from industrial plants and trucks, particularly during periods of poor air quality.*
4. *Require traffic and construction site dust control measures at construction projects. Require measures which reduce emissions from construction activity and maximize efficiency of traffic flow during inversion conditions.*

- ***AQ-2f: Enforce air quality control measures and monitoring at construction sites.*** *Construction emissions shall be controlled because, although they are temporary in nature, they can often be the greatest air quality impact of a project. Require the dust and erosion control measures for construction activities.*

- ***AQ-2g: Enforce air quality control measures and monitoring for agricultural operations.*** *Air emissions from agricultural operations, including field burning, airborne soils, and over-spray from herbicide applications, shall be controlled and monitored through air quality standards, as well as adherence to the Land Use Code.*

AQ-3: Regional Air Quality Standards, monitoring, and education

Objective. *Participate in regional efforts to improve and monitor air quality and meet air quality goals, coordinate transportation and land use development planning with the North Coast Unified Air Quality Management District, and educate the public.*

Applicable sub-policies:

- ***AQ-3a: Air quality standards and monitoring.*** *Identify potential emission sources of airborne toxins from mobile and stationary sources. This may be in coordination with the California Air Resource Board and the District, as appropriate. Enforce rigid high standards to restrict fumes, smoke, dust, or other environmental pollutants from stationary sources of pollution.*

- ***AQ-3b: Develop and distribute material to educate the public on air quality issues.*** *Work with Humboldt State University, the California Air Resources Board, and the District to develop educational material regarding air quality, impact of air quality on people, plants and animals, and what citizens can do to improve air quality. The City will make this information available.*

- ***AQ-3c: Cooperation in enforcement activities and programs.*** *Cooperate with the District in implementing and enforcing the district's rules and programs. Consider joint implementation of programs between the City and the district such as:*

  1. *A voluntary wood-burning-devices dryness certification program.*
  2. *Free cordwood moisture checks.*
  3. *Brochures on wood burning.*
  4. *Conversion of conventional wood burning devices to EPA certified devices.*
  5. *Use of district non-compliance funds for low-cost replacements.*

  Develop land use ordinances and guidelines for new residential development to limit wood burning devices. Use District strategies to identify improper wood burning device use, improperly dried fuel, and faulty equipment, and provide education to violators or take enforcement action.

- ***AQ-3d: Indoor air pollution.*** *Factors such as sealed building interiors, inadequate ventilation, non-openable windows, and use of building materials that release toxic substances contribute to indoor air pollution. To maximize indoor air quality, the installation of openable windows and adequate ventilation systems, the use of pollution-reducing houseplants, as well as the selection of non-toxic building materials and interior finishes, is encouraged in all new buildings and in the retrofitting of existing buildings.*

- ***AQ-3e: Greenhouse gas reduction.*** *Many of the chemicals of concern for air quality are also greenhouse gases. The City shall work locally and regionally to develop plans and programs to reduce or reverse greenhouse gas emissions to meet State and Federal greenhouse gas reduction goals.*

AQ-4: Odor

Objective. *Minimize public exposure to noxious odors from industrial, manufacturing, processing, and food and beverage production operations.*

Applicable sub-policies:

- ***AQ-4a: Odor controls.*** *Identify potential sources of noxious odors and regulate those sources to avoid adverse affects on adjacent sensitive receptors. Noxious odors are defined as foul smelling airborne emissions that are sufficiently concentrated to cause physical discomfort to those inhabiting adjacent areas. Regulations imposed to reduce effects of these odors shall include limiting hours for odor emissions, periodic monitoring, and filtering to reduce concentrations.*

Public Safety Element

- ***PS-6d: Siting of facilities handling hazardous waste.*** *Businesses and agencies that use, store, or produce hazardous materials shall train employees and other users in safe handling and storage procedures, and shall post current Occupational Safety and Health Act (OSHA) and Humboldt County hazardous materials requirements. The Cit shall consider proximity to sensitive receptors, such as schools, hospitals and other health care facilities, day care centers, and other immobile populations, when reviewing new facilities and businesses involved in these activities.*

Design Element

- ***D-1f: Create buffers between incompatible land uses.*** *At boundaries between different land-use designations, and where different land-uses are adjacent, buffer areas shall be incorporated into site design. Buffers may consist of additional setbacks, landscaping, and visual and noise barriers such as fences or walls. Provide for sensitive transition from the public realm to the private realm. Require buildings to incorporate massing strategies to minimize impacts on adjacent uses.*

City of Arcata Local Coastal Program

There are no applicable policies in the City of Arcata Local Coastal Program that address air quality.

3.3.4 Evaluation Criteria and Significance Thresholds

For the purpose of this Draft EIR, the evaluation criteria and significance thresholds summarized below are used to determine if the Project would have a significant effect related to air quality. The Project would cause a significant impact related to air quality, as defined by Appendix G of the CEQA Guidelines, if it would:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The NCUAQMD does not have established CEQA significance criteria to determine the significance of impacts that would result from projects such as the proposed Project; however, the NCUAQMD does have criteria pollutant significance thresholds for new or modified stationary source projects proposed within the NCUAQMD's jurisdiction. NCUAQMD has indicated that it is appropriate for lead agencies to compare proposed construction emissions that last more than one year to its stationary source significance thresholds, which are:

- NOx – 40.0 tons per year
- ROG – 40.0 tons per year
- PM_{10} – 15.0 tons per year
- $PM_{2.5}$ – 10.0

- CO – 100 tons per year

If an individual project's emission of a particular criteria pollutant is within the thresholds outlined above, the project's effects concerning that pollutant are considered to be less-than significant (NCUAQMD 2023). Impacts related to construction dust are considered significant if dust control measures are not implemented.

The NCUAQMD does not have formally adopted thresholds of significance for fugitive, dust-related PM emissions above and beyond Rule 104, Section D, which does not provide quantitative standards. Therefore, for the purposes of analysis, this document uses the Bay Area Air Quality Management District (BAAQMD) approach to determining significance for fugitive dust emissions from Project construction. The BAAQMD bases the determination of significance for fugitive dust on a consideration of the control measures to be implemented. If all appropriate emissions control measures recommended by BAAQMD are implemented for a project, then fugitive dust emissions during construction are not considered significant. BAAQMD recommends a specific set of "Basic Construction Measures" to reduce emissions of construction-generated PM_{10} to less than significant. Without incorporation of these Basic Construction Measures, the Project's construction-generated fugitive PM_{10} (dust) would result in a potentially significant impact.

Additionally, the NCUAQMD does not have adopted thresholds or guidance for assessing odor impacts. The NCUAQMD has stated that they would not comment adversely on the use of thresholds of significance from the BAAQMD for projects within Humboldt County. As stated by CEQA Guidelines Section 15064.7 (Thresholds of Significance) and 15064(b)(2), lead agencies may use thresholds on a case-by-case basis. For the purposes of analysis, this document uses the BAAQMD approach to assessing the significance of odor impacts. The BAAQMD has provided justification and substantial evidence in support of their adopted odor threshold of significance and impact analysis approach; the justification and substantial evidence remain applicable and valid for the Project location within Humboldt County.

3.3.5 Methodology

The California Emissions Estimator Model (CalEEMod) version 2022.1.1.12 was used to estimate air pollutant emissions from project operation (Appendix C). For the purposes of the modeling, the General Plan 2045 planning horizon of 2045 was used to estimate emissions that may be generated by the land use development and growth described in this Draft EIR Section 2.8, General Plan Buildout Projections. Project-specific land use entries, energy intensity factors, and other parameters are detailed within Appendix C.

Additionally, construction related emissions are discussed qualitatively. Impacts related to construction dust are considered significant if dust is allowed to leave the site.

3.3.6 Impacts and Mitigation Measures

Impact AQ-a: Would adoption and implementation of the General Plan 2045 conflict with or obstruct implementation of the applicable air quality plan?

To address nonattainment for PM_{10}, the NCUAQMD adopted a Particulate Matter Attainment Plan in 1995. This plan presents available information about the nature and causes of PM_{10} standard exceedances and identifies cost-effective control measures to reduce PM_{10} emissions to levels necessary to meet California Ambient Air Quality Standards. However, the NCUAQMD states that the plan, "should be used cautiously as it is not a document that is required in order for the District to come into attainment for the state standard" (NCUAQMD 2023).

Construction

NCUAQMD Rule 104 Section D requires the handling, transporting, or open storage of materials in such a manner that does not allow unnecessary amounts of PM to become airborne. Reasonable precautions shall be taken to prevent PM from becoming airborne, including, but not limited to: 1) covering open bodied trucks when

used for transporting materials likely to give rise to airborne dust; and 2) the use of water during the grading of roads or the clearing of land.

Therefore, compliance with applicable NCUAQMD PM_{10} rules is applied as the threshold of significance for the purposes of analysis. NCUAQMD Rule 104 Section D, Fugitive Dust Emissions, is applicable to the Project.

If not managed properly, dust generated during construction could leave the Project site, creating an impact to neighboring properties. General Plan 2045 includes the following sub-policies that reduce fugitive dust generation from construction activities: AQ-2e, AQ-2f.

With implementation of the air quality policies listed above, the construction anticipated under the General Plan 2045 would result in a less than significant impact for fugitive dust generation and, therefore, would not conflict with the applicable air quality plan.

Operation

Operation of the Project is not anticipated to include the handling, transporting, or open storage of materials in which fugitive PM (dust) may become airborne. Additionally, the City public roadways, bike paths, and other public facilities for transport under the City's jurisdiction are primarily paved, and travel on the paved roads would not result in substantial fugitive dust generation. Due to the absence of handling, transport, or open storage of materials that would generate fugitive PM, or unpaved public roads, operation of the Project is not expected to conflict with NCUAQMD's Rule 104 Section D. No impact from operation of the Project would result.

Therefore, project operations would result in no impact for conflicting with an applicable air quality plan.

Summary

As shown above, the Project includes measures for reducing fugitive PM_{10} emissions during construction, which is consistent with NCUAQMD Rule 104 and, therefore, would not conflict with the 1995 Particulate Matter Attainment Plan. Project operations would not conflict with air quality plan; Project operations would result in no impact.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact AQ-b: Would adoption and implementation of the General Plan 2045 result in a cumulatively considerable net increase in any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard?

As noted above, Humboldt County is designated nonattainment of the State's PM_{10} standard. The County is designated attainment for all other state and federal standards. Potential impacts of concern will be exceedances of state or federal standards for PM_{10}. Localized PM_{10} is of concern during construction because of the potential to emit fugitive dust during earth-disturbing activities.

Construction

For construction equipment emissions, the NCUAQMD has indicated that emissions are not considered regionally significant for projects whose construction would be of relatively short duration, lasting less than one year. For project construction lasting more than one year or that involves above average construction intensity in volume of equipment or area disturbed, construction emissions may be compared to the stationary source thresholds.

Buildout under General Plan 2045 would occur over a period of time and is dependent on market conditions and specific development proposals. Individual projects may include construction over 12 months to complete or require above average intensity with regard to equipment and area disturbed. Additionally, multiple development

projects could undertake construction at the same time. Site-specific development proposals and construction parameters are not known at this time. Therefore, short-term construction emissions could exceed the NCUAQMD's thresholds of significance. This impact is potentially significant.

Operation

Development accommodated by the General Plan 2045 would generate operational emissions from on-road vehicles and area sources. Operational emissions were estimate using CalEEMod as described in Section 3.3.5. Annual operational emissions estimates are shown in Table 3.3-2. As shown in the table, the Project's operational emissions would exceed the NCUAQMD's stationary sources emission thresholds for ROG, CO, and PM_{10}. Therefore, the Project's operational impact from emissions would be significant.

Table 3.3-2 Operational Regional Pollutant Emissions (2045)

Parameter	Emissions (tons per year)				
	ROG	NO_x	CO	PM_{10}	$PM_{2.5}$
Gateway Area Plan	4.8	1.6	14.8	1.5	0.3
Remaining Infill Development	44.0	14.0	152.0	16.8	7.3
Total General Plan 2045	**48.8**	**15.6**	**166.8**	**18.3**	**7.6**
Threshold of Significance	40.0	40.0	100	15.0	10.0
Significant Impact? (Yes/No)	*Yes*	*No*	*Yes*	*Yes*	*No*

The primary sources of ROG and CO emissions are on-road mobile vehicle emissions. The primary source of PM_{10} emissions is from woodburning and gas hearths in residential development.

Implementation of the following General Plan 2045 policies and sub-policies identified in Section 3.3.3 could reduce regional criteria air pollutant emissions by reducing single-passenger vehicle trips and vehicle miles traveled, supporting the transition to decarbonized on-road mobile sources, and increasing active and public transit infrastructure. However, even with implementation of the General Plan 2045 policies and sub-policies, the impact would remain significant.

Mitigation Measures:

Mitigation Measure AQ-1: Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development

The City shall prohibit the installation of woodburning or gas hearths or fireplaces in all new residential development.

Mitigation Measure AQ-1 reduces PM_{10} and $PM_{2.5}$ emissions from residential hearths and fireplaces. As shown in Table 3.3-3, with implementation of Mitigation Measure AQ-1, PM_{10} emissions would be reduced to a level that is below the threshold of significance. However, ROG and CO emissions would continue to exceed the thresholds.

Table 3.3-3 Mitigated Operational Regional Pollutant Emissions (2045)

Parameter	Emissions (tons per year)				
	ROG	NO_x	CO	PM_{10}	$PM_{2.5}$
Gateway Area Plan	4.8	1.3	14.7	1.5	0.3
Remaining Infill Development	39.9	10.3	115.0	11.5	2.1
Total General Plan 2045	**44.7**	**11.6**	**129.7**	**13.0**	**2.4**
Threshold of Significance	40.0	40.0	100	15.0	10.0
Significant Impact? (Yes/No)	*Yes*	*No*	*Yes*	*No*	*No*

Level of Significance: Significant and unavoidable impact

Construction activities associated with buildout of the General Plan 2045 could generate short-term emissions that exceed the NCUAQMD's thresholds of significance. Additionally, operation of land use development under the General Plan 2045 could exceed the NCUAQMD's thresholds of significance. Application of General Plan 2045 policies and sub-policies would contribute to reduce criteria pollutants from construction and operation. Incorporation of Mitigation Measure AQ-1 would further reduce operational emissions of PM_{10} and $PM_{2.5}$ through prohibiting woodburning and gas hearths and fireplaces in new residential development. Implementation of the policies and mitigation may reduce the construction and operational air quality impacts of future individual projects to a level that is less than significant. However, the construction and operation of the overall land use development anticipated by the General Plan 2045 would remain significant and unavoidable.

Impact AQ-c: Would adoption and implementation of the General Plan 2045 expose sensitive receptors to substantial pollutant concentrations?

Activities occurring near sensitive receptors should receive a higher level of preventative planning. Sensitive receptors include school-aged children (schools, daycare, playgrounds), the elderly (retirement community, nursing homes), the infirm (medical facilities/offices), and those who exercise outdoors regularly (e.g., public and private exercise facilities, parks).

Construction

Construction activity for development of individual projects may temporarily increase localized concentrations of diesel particulate matter or $PM_{2.5}$ in proximity to a sensitive receptor. Diesel particulate matter from equipment exhaust and $PM_{2.5}$ pose potential health impacts to nearby receptors if those receptors have prolonged exposure to substantial emissions. As required by the California airborne toxics control measure Title 13 CCR Section 2485, construction contractors would be required to minimize idling times for trucks and equipment to five minutes, as well as to ensure that construction equipment is maintained in accordance with manufacturer's specifications.

The detailed information required to assess the significance of potential health risks to sensitive receptors from construction of individual projects is not available, and quantification of the potential risk is not applicable for the program-level analysis of this document. Subsequent to approval of the General Plan 2045, individual development projects would undergo environmental review. The dose to which receptors are exposed is the primary factor affecting health risk from TACs. Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substance. Although detailed information is not available at this time, construction emissions of future development could expose sensitive receptors to substantial TACs. The construction impact would be potentially significant.

Operation

Operation of development accommodated by the General Plan 2045 could generate new sources of TACs or $PM_{2.5}$ from area or stationary sources, or locate sensitive receptors within close proximity to existing sources of TACs or $PM_{2.5}$. Therefore, the General Plan 2045 could expose sensitive receptors to substantial levels of pollutants. The operational impact would be potentially significant.

Land uses with a known risk for generating substantial TACs or PM2.5 emissions include urban and rural roadways, distribution centers, dry-cleaning operations, and gas dispensing facilities. CARB has published the Air Quality and Land Use Handbook: A Community Health Perspective (Land Use Handbook) that provides CARB's recommendations regarding the siting of new sensitive land uses near facilities that are associated with health risks, particularly from air toxic emissions. The Land Use Handbook has siting guidance for freeways, distribution centers, rail yards, ports, refineries, chrome plating facilities, dry cleaners, and gasoline dispensing facilities. Although this guidance is for siting new locations of sensitive receptors, the facility distance and size guidance may be used as a screening level to identify when additional analysis is warranted during environmental review. The Land Use Handbook advisory recommendation for relevant land uses is to avoid siting new sensitive land uses within:

- 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day
- 1,000 feet of a distribution center (more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units per day, or where transport refrigeration unit operations exceed 300 hours per week)
- 300 feet of any dry-cleaning operation
- 500 feet for dry cleaning operations with two or more machines
- Within the same building for dry cleaning operations that use perc dry cleaning operations
- 300 feet of a large gas dispensing facilities (throughput of 3.6 million gallons per year or greater)
- 50 feet of typical gas dispensing facilities

The traffic data for the existing conditions and with Project at the horizon year (2045) show that no roadways or highway segments would exceed the CARB screening level of 100,000 vehicles per day. Table 3.3-2 provides the three roadway segments with the highest traffic under existing and horizon scenarios. As shown in the table, none of the highest-traffic intersections would exceed the applicable screening levels under existing or horizon. Therefore, impacts to sensitive receptors from roadways and highway segment would be less than significant.

Table 3.3-4 Road Segment Annual Average Daily Traffic and the CARB Screening Level for Freeways and Urban Roads

Road Segment			Average Annual Daily Traffic	
Road Name	From	To	Existing	Horizon Year 2045
SR 101	SR 255/Samoa Blvd	14th Str	42,000	54,300
SR 101	14th Str	Sunset Ave	35,000	46,400
SR 101	Sunset Ave	SR 299 E.	44,000	57,600
Applicable Screening Level			100,000	100,000
Exceed Screening Level?			No	No

Mitigation Measures:

Mitigation Measure AQ-2: Implement Construction Screening and Reduction of TACs Emissions

The City shall require applicants for development projects that would be located within 1,000 feet of an existing sensitive receptor to identify the construction schedule and, for projects that would require more than 12 months of construction, implement the following minimization measures to reduce potential TACs (toxic air contaminants) emissions. Measures to reduce risk from construction emission may include, but are not limited to:

- During construction, use construction equipment rated as US EPA Tier 4 Interim for equipment of 50 horsepower or more.
- During construction, use construction equipment fitted with Level 3 Diesel Particulate Filters for all equipment of 50 horsepower or more.

Mitigation Measure AQ-3: Implement Enhanced Evaluation between Incompatible Land Uses

The City shall implement an enhanced evaluation of incompatible land uses to reduce the potential exposure of sensitive receptors to substantial air pollutants for land use developments that would locate sources of air pollutants or sensitive receptors in closer proximity than the distances recommended in California Air Resources Board's Land Use Handbook of:

- 1,000 feet of a distribution center (more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units per day, or where transport refrigeration unit operations exceed 300 hours per week)
- 300 feet of any dry-cleaning operation
- 500 feet for dry cleaning operations with two or more machines
- Within the same building for dry cleaning operations that use perc dry cleaning operations
- 300 feet of a large gas dispensing facilities (throughput of 3.6 million gallons per year or greater)
- 50 feet of typical gas dispensing facilities

For projects that would result in sensitive receptors being closer than the screening distances above, the project applicants shall submit a Health Risk Assessment to the City Planning Department prior to project approval. The Health Risk Assessment shall be prepared pursuant to the latest Office of Environmental Health and Hazard Assessment policies and guidance and use the following quantitative performance measures:

- Result in an excess cancer risk level of less than 10 in a million;
- Result in a non-cancer hazard index less than 1.0 (acute or chronic); and
- Result in an incremental increase of less than 0.3 $\mu g/m^3$ annual average $PM_{2.5}$.

If the Health Risk Assessment demonstrates that the development project would meet all performance measures above, no other action is required. If the Health Risk Assessment shows the development project would not meet all necessary performance measures, the applicant shall identify, quantify, and implement project design features or other measures to reduce the impact to the satisfaction of the City. The applicant shall provide quantification to the City to demonstrate that the project achieves the performance measures.

Mitigation Measure AQ-4: Electrify Loading Docks

The City shall require the electrification of all new loading docks to facilitate plug-in capability and encourage trucks to utilize grid power to deliver goods.

Mitigation Measure AQ-5: Require Enhanced Air Filtration at New Sensitive Receptors

The City shall require air filtrations systems at new sensitive receptor buildings to be designed and constructed with air filters rated at a minimum efficiency reporting value 13 or higher.

Level of Significance: Significant and unavoidable impact. The buildout of the General Plan 2045 may expose sensitive receptors to substantial concentrations of TACs or $PM_{2.5}$. Environmental review of development projects by the City would minimize health risks. Additionally, implementation of General Plan policies and Mitigation Measures AQ-2 through AQ-5 would further reduce the potential for exposing sensitive receptors to substantial TACs or $PM_{2.5}$. However, implementation of the General Plan 2045 may generate long-term TACs. Although individual projects may be less than significant, the total development anticipated by the General Plan 2045 would contribute to higher generation of TACs and $PM_{2.5}$. Therefore, the impact remains significant and unavoidable.

Impact AQ-d: Would adoption and implementation of the General Plan 2045 result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction

Minor odors from the use of equipment during construction of future development would be intermittent and temporary and would dissipate rapidly from the source with an increase in distance. This impact is less than significant.

Operation

As stated in Section 3.3.4, the NCUAQMD does not have adopted thresholds or guidance for assessing potential odor impacts. The BAAQMD's 2022 Air Quality Guidelines (adopted in 2023) identifies the following plan-level assessment guidance:

> *For a long-range plan to have a less-than significant impact related to odors, the locations of existing and planned odor sources should be identified for the plan area. In addition, the plan should ensure that new receptors are not sited near an odor source.*

Land uses associated with adverse odor include wastewater treatment plants, sanitary landfills, composting facilities, asphalt batch plants, and similar land uses. BAAQMD has developed a list of recommended odor screening distances for specific odor-generating facilities (BAAQMD 2023). No new or substantially expanded sources of adverse odor are anticipated by the General Plan 2045. Additionally, the General Plan 2045 is not anticipated to result in a substantial increase in receptors near existing sources of adverse odor. Therefore, impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.3.7 Cumulative Impacts

Impact AQ-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to air quality?

By its nature, air pollution is largely a cumulative impact, in that individual projects are rarely sufficient in size to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions may contribute to cumulative adverse air quality impacts. The NCUAQMD's stationary source thresholds, applied to the construction and operation of the General Plan 2045, take into account the Air Basin's attainment status, continued attainment of the standards, and attainment of the daily PM_{10} California Ambient Air Quality Standards. Therefore, the stationary source thresholds, when used as regional thresholds of significance for criteria and precursor air pollutants, are the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified regional significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. Finally, consistency with an attainment plan is a cumulative analysis, as it analyzes a project in regard to an adopted plan that is based on growth projections for the region. Therefore, the plan-level analysis above for Impacts AQ-a and AQ-b also would constitute the cumulative impact analysis, and no additional cumulative impacts analysis is required. As shown in Impact AQ-a, the project would not conflict with or obstruct implementation of the applicable air quality plan during construction or operation. As shown in Impact AQ-b, the project would result in a cumulatively considerable net increase of a nonattainment criteria pollutant through operational generation ROG, CO, and PM_{10}. Implementation of Mitigation Measure AQ-1 would reduce the PM_{10} impacts to less than significant. However, operation of development accommodated by the General Plan 2045 would still exceed the thresholds of significance for ROG and CO. Therefore, the General Plan 2045 would result in a cumulatively considerable emissions of nonattainment criteria pollutants after incorporation of Mitigation Measure AQ-1.

As detailed in Impact AQ-c, the Project may expose sensitive receptors to substantial pollutant concentrations during construction or operation of land use development accommodated by the General Pan 2045. Implementation of Mitigation Measures AQ-2, AQ-3, AQ-4 and AQ-5 would reduce this impact. However, the

Project would result in a significant and unavoidable impact for construction and operational impact for exposure of sensitive receptors to substantial pollutant concentrations after incorporation of mitigation.

In summary, the General Plan 2045 would result in a cumulatively considerable impact for construction and operational criteria pollutants, and cumulatively considerable construction and operational sensitive receptor impact.

Mitigation Measures:

Mitigation Measure AQ-1: Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development

Mitigation Measure AQ-2: Implement Construction Screening and Reduction of TACs Emissions

Mitigation Measure AQ-3: Implement Enhanced Buffer between Incompatible Land Uses

Mitigation Measure AQ-4: Electrify Loading Docks

Mitigation Measure AQ-5: Require Enhanced Air Filtration at New Sensitive Receptors

Level of Significance: Significant and unavoidable impact

3.3.8 References

Bay Area Air Quality Management District (BAAQMD). 2017. California Environmental Quality Act Air Quality Guidelines.

Bay Area Air Quality Management District (BAAQMD). 2023. California Environmental Quality Act Air Quality Guidelines.

California Air Resources Board (CARB). 2016. *Ambient Air Quality Standards*. Available at: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf Accessed on May 16, 2023.

California Air Resources Board (CARB). 2022. *Area Designations Maps / State and National*. Available at: https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations. Accessed on May 16, 2023.

Humboldt County. 2017. General Plan. Chapter 15 – Air Quality Element. Adopted October 23.

North Coast Unified Air Quality Management District (NCUAQMD). 2023. *Air Quality Planning & CEQA*. Available at: https://www.ncuaqmd.org/planning-ceqa

3.4 Cultural Resources

This section evaluates potential impacts related to historic and cultural resources resulting from adoption and implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the cultural resource setting. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to cultural resources, and identifies the significance of impacts.

Of the comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045, a comment letter was received from the Native American Heritage Commission regarding AB 52 and SB 18 protocols to protect tribal cultural resources. There were no additional comments specific to cultural resources.

3.4.1 Study Area

For impact assessment related to cultural and historic resources, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.4.2 Setting

Pre-Settlement Historic Context

Since time immemorial, before the arrival of European-American settlers in 1850, Arcata and the Humboldt Bay region were the home of the Wiyot. An Algonquian-speaking people, the Wiyot resided in settlements along the lower Mad River and Eel Rivers as well as other local streams, and along Humboldt Bay and on the hills and ridges or lands in between. Their way of life was shaped by the bountiful surroundings of forested hills, streams and rivers, the Pacific Coast, and protected marshes and sloughs of Humboldt Bay, which generously provided for generations of subsistence and cultural needs.

Traditional Native American culture was disrupted by Euro-American settlement and U.S. government policy. This produced significant depopulation and relocation of Native Californians from most of the lands they occupied, and these actions, combined with cultural intolerance, have led to the displacement of the Wiyot community and their inability to engage in many traditional cultural practices; however, affected Native American populations have not disappeared; rather, they have adapted to these new pressures.

Today, the Wiyot people are federally recognized in the Wiyot Tribe Reservation, the Bear River Band of the Rohnerville Rancheria, and the Blue Lake Rancheria. These tribes are actively involved in various tribal economic projects and in the revitalization of cultural traditions such as language, basket weaving, ceremonies, and reclaiming ancestral lands. It is the City's goal to support and encourage Tribal efforts to revitalize cultural traditions and invest in the cultural and physical health and well-being of Tribal members as a key component of the cultural and physical health of the Arcata community.

Settlement Historic Context

After the start of the California Gold Rush, from 1850 to 1860, Wiyot territory became the center of the largest concentrations of European settlers in California, north of San Francisco. The settlers utilized Humboldt Bay as a major shipping point for supplies to the gold mines on the Trinity, Klamath, and Upper Sacramento Rivers. In addition, the establishment of the redwood timber industry, and homesteading of the Eel River and Arcata Bottom for ranching and farming purposes, brought more people into the area. The influx of new settlers brought violence, including the Indian Island Massacre of February 26, 1860, which nearly destroyed the entire Wiyot population.

There are currently 32 recorded archaeological sites in the Arcata planning area. Most sites are situated along the margins of Humboldt Bay, along the edges of marshes and sloughs, and in the Arcata Bottom area. Sites also tend to be located at the base of hills and on mid-slope terraces near sources of water.

Data collected by L. L. Loud (1918) identified a number of Wiyot habitation and resource procurement sites in the Arcata planning area. According to the Arcata General Plan, the most likely location for additional (unrecorded) archaeological sites is a band approximately 1,000 meters wide along the Humboldt Bay shoreline and the Mad River. There is also the possibility of encountering archaeological resources elsewhere in the Arcata planning area.

Arcata represents one of the last settled areas in United States history and has historic resources dating back to the early 1850s. There are historical structures and sites throughout the central core of Arcata, on the lower slopes of Fickle Ridge, and in the Arcata Bottom (City of Arcata 2008).

Historic Resources in the Study Area

As of 2022, nine National Register buildings have been designated and counting: the Arcata Hotel (on the Plaza), the Whaley House (14th and H Streets), the Chapman House (974 10th Street), the Jacoby Building (791 8th Street), the Phillips House (71 E. Seventh Street), Arcata's Pythian Castle (1100 H Street), the Stone House (902 Fourteenth Street), the Schorlig House (1050 12th Street), and the Keiser House (1022 10th Street). The Jacoby Building is listed as a California Historical Landmark, as are the historical sites of Camp Curtis and the Arcata Mad River Railroad Company. The Northwestern Pacific Railway Line is considered potentially historic by Caltrans. There are 96 local historic landmarks within the study area which are listed in Table HP-1 of the Arcata General Plan 2020.

Historic Resources of the Gateway Area

A Historic Resources Inventory within the Gateway Area was prepared to document historic resources in coordination with development of the Gateway Area Plan and Form-Based Code. The Inventory was completed in February 2023 by G. Takano and is attached to this Draft EIR as Appendix D.

Local level historic landmarks are distinguished as Arcata structures or sites with special character or special historic, architectural, or aesthetic interest or value. The criteria used to determine local level historic landmarks include:

- The building or site is particularly representative of a distinct architectural period, type, style, or way of life.
- The building is of a type or style which was once common but is now rare.
- The building is at least 50 years old.
- The building or site is connected with a person or event important to local history.
- The architect or builder is famous or well-recognized.
- The building's style, construction method, or materials are unusual or significant.
- The overall effect of the design or building details are beautiful or unusual.
- The building contains original materials or workmanship of high or unusual value.

Based upon this criteria, the following 17 sites within the Gateway Area are recommended to be subject to applicable citywide preservation policy:

- 467 G Street
- 1088 N Street
- 1112 7th Street
- 1136 7th Street
- 1162 7th Street
- 1296 11th Street
- 1168 10th Street
- 1498 10th Street
- 1320 10th Street
- 1285 11th Street
- 1164 11th Street
- Northwestern Pacific Railroad Company Railway Line
- 1102 12th Street
- 900~940 Samoa Blvd
- 1288 9th Street
- 1380 9th Street
- 1116 11th Street

For the purposes of this EIR and City's Form-Based Code, these 17 sites will be compiled with the 96 designated historical sites (as shown on Table HP-1 of the Arcata General Plan 2020) to all be considered under the City's preservation policies.

Cultural Resources in the Study Area

A cultural resources report was not prepared to accompany this EIR. The City assumes that cultural resources may be encountered during excavation work, particularly in areas without previous development, and includes policies in the current and proposed General Plan to manage incidental discoveries of cultural resources.

3.4.3 Regulatory Framework

Historical and cultural resources in California, including historic resources, are protected and/or regulated by federal, state, and local laws and policies. Those applicable to the General Plan 2045 are summarized below.

Federal

Section 106 of the National Historic Preservation Act

Section 106 of the National Historic Preservation Act requires that, before beginning an undertaking, a federal agency, or projects that require a federal permit or utilize federal funds, must take into account the effects of the undertaking on historic properties and afford the Advisory Council on Historic Preservation and other interested parties an opportunity to comment on these actions.

Section 106 of the National Historic Preservation Act prescribes specific criteria for determining whether a project would adversely affect a historic property, as defined in 36 Code of Federal Regulations (CFR) 800.5. An impact is considered significant when prehistoric or historic archaeological sites, structures, or objects listed in or eligible for listing in the National Register of Historic Places are subjected to the following effects:

– physical destruction of or damage to all or part of the property
– alteration of a property
– removal of the property from its historic location
– change of the character of the property's use or of physical features within the property's setting that contribute to its historic significance
– introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features
– neglect of a property that causes its deterioration
– transfer, lease, or sale of the property

Cultural resource significance is evaluated in terms of eligibility for listing in the National Register of Historic Places. National Register of Historic Places significance criteria applied to evaluate the cultural resources for this Project are defined in 36 CFR 60.4 as follows: *"The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, association, and:*

A. that are associated with events that have made a significant contribution to the broad patterns of our history; or
B. that are associated with the lives of persons significant in our past; or
C. that embody the distinctive characteristics of type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
D. that have yielded, or may be likely to yield, information important in prehistory or history."

Specific regulations regarding compliance with Section 106 state that, although the tasks necessary to comply with Section 106 may be delegated to others, the federal agency is ultimately responsible for ensuring that the Section 106 process is completed according to statute.

State

California Environmental Quality Act

Historical resources are defined as buildings, sites, structures, or objects, each of which may have historic, architectural, archaeological, cultural, or scientific importance. Under CEQA, a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. (PRC Section 21084.1). Demolition, replacement, substantial alteration, and relocation are actions that would change the significance of a historical resource (CEQA Guidelines Section 15064.5). The following steps are normally taken in a cultural / historic resources investigation to comply with CEQA:

- Identify historical resources, including archaeological resources, as defined in CEQA Guidelines Section 15064.5 within a study area;
- Evaluate the significance of the cultural resources based on established thresholds of significance;
- Evaluate the impacts of a project on historical resources; and
- Develop and implement measures to mitigate the impacts of the project on historical resources, including significant archaeological resources.

Because the Project is located on non-federal land in California, it is also necessary to comply with state laws pertaining to the inadvertent discovery of human remains of Native American origin. The procedures that must be followed if burials of Native American origin are discovered on non-federal land in California are described in the Impacts and Mitigation Measures section below.

Pursuant to CEQA Guidelines Section 15064.5 (a) the term “historical resources” includes the following:

- A resource listed or determined to be eligible by the State Historical Resources Commission for listing, in the California Register of Historical Resources (PRC §5024.1, 14 CCR, §4850 et seq.).
- A resource included in a local register of historical resources, as defined in PRC Section 5020.1 (k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1 (g), shall be presumed historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
- Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency’s determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be “historically significant” if the resource meets the criteria for listing on the California Register of Historical Resources (PRC §5024.1, Title 14 CCR, §4852) including the following:
    1. Is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage;
    2. Is associated with the lives of persons important in our past;
    3. Embodies the distinctive characteristics of type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
    4. Has yielded, or may be likely to yield, information important in prehistory or history.
- The fact that a resource is not listed in or determined to be eligible for listing in the California Register of Historical Resources, not included in a local register of historical resources (pursuant to PRC §5020.1(k)), nor identified in a historical resources survey (meeting the criteria in PRC §5024.1(g)) does not preclude a

lead agency from determining that the resource may be a historical resource as defined by PRC Section 5020.1(j) or 5024.1.

Historical resources eligible for listing in the California Register of Historical Resources must meet one of the criteria of significance described above and retain enough integrity to convey the reasons for their significance. Integrity under California Register of Historical Resources guidelines is defined as the authenticity of an historical resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association.

CEQA applies to archaeological resources when: (1) the archaeological resource satisfies the definition of a historical resource; or (2) the archaeological resource satisfies the definition of a "unique archaeological resource." A unique archaeological resource is an archaeological artifact, object, or site that has a high probability of meeting any of the following criteria:

1. The archaeological resource contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information.
2. The archaeological resource has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. The archaeological resource is directly associated with a scientifically recognized important prehistoric or historic event or person.

California Coastal Act

The Project Area is within the Coastal Zone. The California Coastal Act contains policies relevant to cultural resources. The following Coastal Act sections are relevant to this analysis:

Public Resources Code Section 30116 Sensitive coastal resource areas

"Sensitive coastal resource areas" means those identifiable and geographically bounded lands and water areas within the coastal zone of vital interest and sensitivity. "Sensitive coastal resource areas" include the following:

(d) Archaeological sites referenced in the California Coastline and Recreation Plan or as designated by the State Historic Preservation Officer.

Public Resources Code Section 30244 Archaeological or paleontological resources

Where development would adversely impact archaeological or paleontological resources as identified by the State Historic Preservation Officer, reasonable mitigation measures shall be required.

Office of Historic Preservation

The California State Office of Historic Preservation is responsible for administering federally and state mandated historic preservation programs to further the identification, evaluation, registration, and protection of California's irreplaceable archaeological and historic resources under the direction of the State Historic Preservation Officer and the State Historical Resources Commission.

The Office of Historic Preservation reviews and comments on federally sponsored projects pursuant to National Historic Preservation Act Section 106, and state programs pursuant to PRC Sections 5024 and 5024.5, which provide policies and plans for preserving and maintaining all state-owned historical resources or eligible historical resources. The Office of Historic Preservation also reviews and comments on local government and state projects pursuant to CEQA.

A variety of programs have been created by the Office of Historic Preservation in order to manage historic resources and to determine eligibility for classification as a historic resource. The programs that Office of Historic Preservation administers include: the National Register of Historic Places, California Register of Historical Resources, California Historical Landmarks, and the California Points of Historical Interest. Each program has

different eligibility criteria and procedural requirements; the eligibility criteria listed through the National Register of Historic Places and California Register of Historical Resources (mentioned above) are used to evaluate significance of potential cultural resources within this Project.

The California Register of Historical Resources criteria is nearly identical to the federal National Register of Historic Places criteria and are used in tandem as “1/A” or “2/B” when identifying impacts in Section 3.4.6 (Impacts and Mitigation Measures). There is a slight difference in meaning between the California Register of Historical Resources and National Register of Historic Places regarding Criterion 3 (Criterion C in the National Register of Historic Places), which would be accounted when determining impacts and significance in Section 3.4.6 (Impacts and Mitigation Measures).

California Public Resources Code

As part of the determination made pursuant to PRC Section 21080.1, the lead agency must determine whether a project would have a significant effect on archaeological resources.

Several sections of the PRC protect cultural resources. Under Section 5097.5, no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic ruins, burial grounds, archaeological site, inscriptions made by humans, rock art, or any other archaeological, or historical feature situated on public lands, except with the express permission of the public agency that has jurisdiction over the lands. Violation of this section is a misdemeanor.

PRC Section 5097.98 states that if Native American human remains are identified within a project area, the landowner must work with the Native American Most Likely Descendant as identified by the Native American Heritage Commission to develop a plan for the treatment or disposition of the human remains and any items associated with Native American burials with appropriate dignity. These procedures are also addressed in Section 15046.5 of the CEQA Guidelines. Section 30244 of the PRC requires reasonable mitigation for impacts on paleontological and archaeological resources that occur as a result of development on public lands, which can be considered applicable to the portions of the Project located within the Caltrans right of way.

On September 25, 2014, AB 52 was signed, which included amendments to PRC Section 5097.94. AB 52 requires tribal cultural resources to be considered under CEQA. AB 52 requires lead agencies to provide notice to Native American tribes that are traditionally and culturally affiliated with the geographic area of a proposed project if they have requested notice of projects proposed within that area. See Section 3.11 (Tribal Cultural Resources) for more information on AB 52 compliance and tribal cultural resources.

California Health and Safety Code

California Health and Safety Code Section 7050.5 prohibits disinterring, disturbing, or removing human remains from a location other than a dedicated cemetery. Section 7050.5 also requires that construction or excavation be stopped in the vicinity of discovered human remains until the Coroner can determine whether the remains are those of a Native American. If determined to be Native American, the Coroner must contact the California Native American Heritage Commission.

California Native American Historical, Cultural and Sacred Sites Act

This Act applies to both state and private lands. The Act requires that upon discovery of human remains, that construction or excavation activity cease and that the county Coroner be notified. If the remains are of a Native American, the Coroner must notify the Native American Heritage Commission. The Native American Heritage Commission then notifies those persons most likely to be descended from the Native American remains. The Act stipulates the procedures the descendants may follow for treating or disposing of the remains and associated grave goods.

Local

This section includes the City’s existing General Plan 2020 policies, City Local Coastal Program policies, and the proposed General Plan 2045 policies related to cultural and historic resources.

City of Arcata General Plan 2020

The Arcata General Plan 2020 contains guidelines for cultural resources within the Historic Preservation Element. The General Plan has developed specific goals and related policies that address cultural and archaeological resources within the City. The following policies are applicable to the proposed General Plan 2045:

Policy H-1: Historic Landmarks

Objective. *Designate and preserve significant structures and sites that are representative of the City's social and physical development; that are reminders of past eras, events, and persons important in local, state or national history; which provide significant examples of architectural styles of the past; or which are unique and irreplaceable assets to the City, and the neighborhood in which the structure or site is located.*

Applicable sub-policies:

- ***H-1a: National Register and State Historic Landmarks designation.*** *The City encourages owners of eligible structures to request National Register and State Historical Landmarks designations for their properties. As of 1998, three National Register sites have been designated: the Arcata Hotel (on the Plaza), the Whaley House (14th and H Streets), and the Schorlig House (1050 12th Street). The Jacoby Storehouse is among the State Registered Historical Landmarks.*
- ***H-1b: Local Historic Landmarks designations.*** *Structures or sites having special character or special historic, architectural, or aesthetic interest or value shall be designated as local Historic Landmarks. Such structures or sites shall be protected from demolition and inappropriate alterations. Locally designated Historic Landmarks are shown in Figure HP-a and are listed in Table HP-1, at the end of the Element. An updated inventory of structures and sites eligible for designation as a Local Historic Landmark shall be maintained by the City. One or more of the following criteria shall be required for a structure or site to be eligible for listing:*
  1. *The building or site is particularly representative of a distinct architectural period, type, style, or way of life.*
  2. *The building is of a type or style which was once common but is now rare.*
  3. *The building is at least 50 years old.*
  4. *The building or site is connected with a person or event important to local history.*
  5. *The architect or builder is famous or well-recognized.*
  6. *The building's style, construction method, or materials are unusual or significant.*
  7. *The overall effect of the design or building details are beautiful or unusual.*
  8. *The building contains original materials or workmanship of high or unusual value.*
- ***H-1c: Historic Landmarks (HL) combining zone.*** *The City shall formally designate Historic Landmarks with a special combining zone in the Land Use Code. The zone shall serve as a disclosure of the importance of the structure and of the limitations placed on its alteration or demolition. The request for designation may be initiated by the owner, City Council, Planning Commission, or the Historic and Design Review Commission. If initiated by the City, the owner shall be notified and be able to contest the process.*
- ***H-1d: Discretionary review and approval requirements for demolition.*** *See policy H-5.*
- ***H-1e: Design review approval for alterations and additions.*** *The following types of changes to a structure designated by the HL combining zone shall not be permitted without first obtaining approval of the Historic and Design Review Commission:*
  1. *Any exterior modifications or alterations, including changes in materials.*
  2. *Interior alterations that would affect the exterior appearance.*
  3. *Any addition to the designated structure.*
  4. *Construction of a new building on a parcel with a designated Historic Landmark.*
- ***H-1f: Design criteria for alterations of and additions to local Historic Landmarks.*** *At the discretion of the Community Development Director and/or Historic and Design Review Commission, an owner proposing any construction or alteration that may affect the historical character of the structure may be*

required to obtain an analysis of the proposed changes by a cultural resources consultant or other knowledgeable professional to determine the impact on the building's historical features. In modifying historic structures, the distinguishing original qualities or character of the building shall not be destroyed. The removal or alteration of any historic material or distinctive architectural feature shall be avoided whenever possible. Whenever practicable deteriorated architectural features shall be repaired or restored rather than replaced. Contemporary design for additions are not prohibited when such additions are compatible with and do not destroy the historical or architectural character of the property.

- ***H-1g: Preservation Incentives.*** *To encourage property owners to obtain local Historic Landmark designation, the City will provide the following incentives or assistance:*
  1. *Exemption from the requirements to provide any additional off-street parking, except for additions 200 or more square feet in size.*
  2. *Exemption, for nonconforming uses, from Land Use Code limitations pertaining to non-conforming structures and site conditions.*
  3. *Compliance with the State Historic Building Code and portions of the Uniform Code for Building Conservation, rather than the current edition of the Uniform Building Code.*
  4. *Conservation easements for facades that may provide tax advantages to the donor.*
  5. *Establishment of a Mills Act program, by the City, which would provide property tax reductions for historic properties subject to program criteria.*
  6. *Façade rehabilitation grants or loans, through the Community Development Agency, for designated historic commercial structures.*
- ***H-1h: Historical Landmarks on the Humboldt State University Campus.*** *The City encourages HSU to initiate procedures for the recognition and protection, in compliance with Public Resources Code Section 5024, of historic structures and other historic resources on the campus. The following structures, located on the HSU campus, are hereby identified as local Historic Landmarks.*
  1. *Founders Hall*
  2. *Gist Hall*
  3. *Nelson Hall*
  4. *Jenkins Hall*
- ***H-1i: Historic and Design Review Commission (HDRC).*** *The City Council shall create a Historic and Design Review Commission consisting of persons having knowledge, by virtue of training or experience, of Arcata's social and building history or of design and building. The Commission shall promote public involvement and education in preserving Arcata's heritage of older buildings.*

Policy H-2: Noteworthy Structures

Objective. *Identify and encourage retention of structures which could qualify as historical landmarks, but are not currently designated. Although some of these structures may lack the level of significance attached to designated landmarks, they have an architectural or design character which represents particular building styles or eras in the City's development, and they contribute to the overall character and historical texture of a neighborhood.*

Applicable sub-policies:

- ***H-2a: Noteworthy structures list.*** *The City shall direct the Historic and Design Review Commission to recommend and keep current a "Noteworthy Structures" list, and encourage retention of these structures. Noteworthy structures are those which may not have complete documentation as to their historical or architectural merit but which have notable characteristics. In order to be eligible for listing, a structure should have one of the following attributes:*
  1. *Representative of a particular architectural style*
  2. *Representative of a period in the City's historical development*
  3. *Associated with social history of the City*
  4. *Of unusual or special design character*

- ***H-2b: Incentives, list preparation, notification, and future landmark designation.*** *Those properties listed as noteworthy structures shall be eligible for the following incentives and assistance:*
  1. *Exemption from the requirements to provide any additional off-street parking, except for additions 200 or more square feet in size.*
  2. *Exemption, for nonconforming uses, from Land Use Code limitations pertaining to non-conforming structures and site conditions.*
  3. *Compliance with the State Historic Building Code and portions of the Uniform Code for Building Conservation, rather than the current edition of the Uniform Building Code.*
  4. *Conservation easements for facades that may provide tax advantages to the donor.*
  5. *Façade rehabilitation grants or loans, through the Community Development Agency, for designated historic commercial structures.*

  The Historic and Design Review Commission shall notify the owners of property being considered for placement on the list. Those owners shall be given the opportunity to contest and appeal the listing. There shall also be a procedure established for properties to be removed from the list. The owners of properties listed as having noteworthy structures are encouraged to apply for Historic Landmark designation.
- ***H-2c: Noteworthy structures on Humboldt State University Campus.*** *The Wagner House located on campus is hereby identified as a noteworthy structure. The City requests that all structures of historic value be preserved and protected from demolition and from alterations or additions that are incompatible with their historical character. Noteworthy structures on the HSU campus will be added to the noteworthy structures list developed by the City pursuant to H-2a.*
- ***H-2d: Design review approval.*** *Design Review Commission review and approval, with input from the Historic and Design Review Commission, shall be required for all exterior alterations to noteworthy structures, when or if alterations require a building permit, including changes in types of materials and additions.*
- ***H-2e: Design criteria for alterations and additions****. Prior to approval of any exterior change, the Design Review Commission shall make findings of fact that the alteration or addition is compatible with and does not destroy the historical or architectural character of the property and the immediate neighborhood.*
- ***H-2f: Demolition controls.*** *See policy H-5.*

Policy H-3: Arcata Plaza Area Historic District

Objective. *Protect and preserve the Arcata Plaza and the older structures that border the adjacent streets and help define the Plaza's character, for the unique historical, architectural, aesthetic, and economic values that it represents to the city.*

Applicable sub-policies:

- ***H-3a: Arcata Plaza Historic District.*** *The Plaza Area has a special character and unique historical, aesthetic and cultural interest and significance to the residents and businesses of Arcata. Reflecting its central place in Arcata's heritage and identity, the Plaza Area, as shown on Figure HP-a, is hereby designated as a local historic district.*
- ***H-3b: Historic District combining zone.*** *The Plaza Area Historic District shall, by ordinance pursuant to the Land Use Code, be designated within the Landmark Historic District Combining Zone. Structures within the Historic District shall receive the same protections as are provided to individually-designated Historic Landmarks.*
- ***H-3c: Controls on demolition.*** *Policy H-5 applies.*
- ***H-3d: Design review approval.*** *Review and approval by the Design Review Commission shall be required for all exterior alterations of and additions to structures located within the Plaza Area Historic District.*
- ***H-3e: Design criteria for alterations and additions.*** *[policies D-2e and D-2g shall apply.]*

- ***H-3f: Regulatory and other incentives for preservation.*** *In addition to the regulatory and other incentives in H-1g, the following shall also apply:*
  1. *The City Council, with help of the Historic and Design Review Commission and the Historical Sites Society of Arcata, shall develop a commemorative plaque program to provide special identification of historical structures.*
  2. *Non-conforming uses that have historical value will be allowed to continue.*
- ***H-3g: Arcata Plaza as a historic site.*** *The Arcata Plaza Historic District includes at its center the city park known as the Arcata Plaza. The following principal features of the Plaza, which define its historic character, shall be preserved:*
  1. *The generally symmetrical pattern of walkways*
  2. *The open nature of the Plaza and the absence of buildings within it.*
  3. *The Women's Christian Temperance Union drinking fountain on "H" Street*
  4. *The existing Plaza palm trees*

  (modified via Resolution 189-43)

Policy H-4: Neighborhood Conservation Areas (NCAs) and Specific Plans Districts (SPDs)

Objective. *Designate the Central Arcata, Arcata Heights, Bayview, and Bayside areas as Neighborhood Conservation Areas and assure that new construction, modifications or alterations of noteworthy structures, and significant changes to other structures are harmonious with the existing character of these neighborhoods.*

Applicable sub-policies:

- ***H-4a: Neighborhood Conservation Areas.*** *The following NCAs, with the boundaries shown in Figure HP-b are hereby established:*
  1. *Bayview Conservation Area*
  2. *Arcata Heights Conservation Area*
  3. *"Central" Conservation Area*
- ***H-4b: Demolition controls.*** *see policy H-5*
- ***H-4c. Design review.*** *All structures located within an NCA, including single-family houses, historic structures identified in specific plans, and existing structures with exterior alterations or renovation of more than 25 percent of the floor and/or exterior wall area, shall be subject to approval. Prior to approval, the finding must be made that the design will be compatible with the existing character of the NCA.*
- ***H-4d. Rehabilitation assistance programs.*** *Any City-sponsored or assisted rehabilitation programs shall give priority to qualifying structures within the boundaries of NCAs. Such rehabilitation shall be consistent with the architectural and aesthetic character of the area and the individual structure.*
- ***H-4e: Design criteria for alterations and additions.*** *Prior to approval of any exterior change requiring a building permit, the Design Review Commission shall make a finding that the alteration or addition is compatible with and does not destroy the historical or architectural character of the property and the surrounding neighborhood conservation area.*
- ***H-4f: Specific Plan Districts.*** *The following Specific Plan Districts, with boundaries shown in Figure HP-b and HP-c, are hereby established:*
  1. *Bayside Specific Plan District*
  2. *"South of Samoa" (SOS) Specific Plan District*

  Specific Plans prepared for these Districts will include preservation measures for historic and noteworthy structures.

To date, the City has not designated Bayside as an NCA, nor has it prepared a specific plan for the Bayside Specific Plan District.

Policy H-5: Controls on Demolition of Structures

Objective. *To prevent the premature demolition of existing buildings without first evaluating whether they are contributory to the historical or architectural character of the City or neighborhood and to consider the potential for preservation of those found to contribute to such character.*

Applicable sub-policies:

- ***H-5a: Discretionary demolition review required.*** *No building within the City shall be demolished, in whole or in part, without review and approval by the Historic and Design Review Commission prior to issuance of a Demolition Permit. A Notice of Proposed Demolition shall be provided to all property owners within a 300-foot radius and to the Historical Sites Society of Arcata. Prior to its decision, the HLC shall consider the recommendations of the Historical Sites Society of Arcata or its designated representative. For partial demolitions, the applicant shall be required to submit a demolition plan showing those portions to be demolished and those to be retained. The following findings shall be required to approve demolition permit:*
  1. *The building does not contribute to the historical or aesthetic character of the neighborhood or the City.*
  2. *Although the building does have historical or aesthetic merit, it:*
  3. *has sustained substantial damage to key structural components, and*
  4. *there are no feasible alternatives to demolition of the building. Bayview Conservation Area*
  5. *Arcata Heights Conservation Area*
  6. *"Central" Conservation Area*
- ***H-5b: Waiting period for demolition of designated landmarks.*** *Any approved demolition permit for designated historical landmarks shall be automatically subject to a delay of 180 days before the building permit for demolition may be issued by the City.*
- ***H-5c. Deconstruction of older buildings.*** *In those instances where demolition is authorized, it is encouraged that the buildings be deconstructed and that building components, fixtures, and materials be salvaged for future re-use.*

Policy H-6: Public Participation, Information and Education Policy

Objective. *Promote public awareness of the City's historical heritage and resources, provide information and education about the methods and techniques to protect and enhance the quality of these resources, and encourage public participation in preserving Arcata's historical heritage.*

Applicable sub-policies:

- ***H-6a: Role of Historical Sites Society of Arcata (HSSA).*** *The City shall send notice to the HSSA on all matters pertaining the preservation of historical resources. These include, but are not limited to, requests for comments on proposed Historic Landmarks, additions to the list of noteworthy structures, and proposed alteration or demolition of such structures.*

  The HSSA may submit its comments to the Historic and Design Review Commission. In consultation with the HSSA and the HLC, the Community Development Department shall prepare a brochure which provides guidelines and federal standards for restoration, alteration, and additions to historical landmark and noteworthy structures. The HSSA is also designated as the organization to oversee the operation of Phillips House Museum of the City of Arcata.
- ***H-6b: Commemorative plaques for historical structures.*** *In order to provide greater recognition and identification of designated historical landmark structures and to comply with federal standards, a commemorative plaque program should be developed. The HSSA is encouraged to be the lead organization for this effort.*
- ***H-6c. Informational guides and walking tours.*** *The City encourages the HSSA and Arcata Chamber of Commerce to prepare informational guides or walking tour guides for Arcata's most significant historical resources. The purposes of the tour guide(s) are to promote appreciation of the community's heritage sites and contribute to Arcata's tourism attractions.*

- ***H-6d. Brochure on benefits and advantages for designating historical landmarks.*** *The Arcata Community Development Department shall prepare an informational brochure which describes the benefits and advantages of having structures or sites designated as local Historic Landmarks.*

Policy H-7: Archaeological and Cultural Resources

Objective. Protect and preserve Native American and Euro-American archaeological sites and cultural resources within the City of Arcata.

Applicable sub-policies:

- ***H-7a: Cultural Resources Project Review.*** *As part of the environmental and project review process, the City of Arcata shall enter into a Memorandum of Agreement (MOA) with the Northwest Information Center of the Historical Resources Information System of the State of California. Under the MOA, all proposed discretionary projects under the California Environmental Quality Act shall be subject to cultural resources sensitivity review by the Northwest Information Center. In order to provide a context for city projects, for the evaluation of cultural significance and for the interpretation of the results of cultural resources project reviews, the City of Arcata shall contract for a general prehistoric, ethnographic, and historic overview of the city and its environs.*
- ***H-7b: Archaeological Surface Reconnaissance.*** *If the cultural resources project review determines that the project is located in an area with a high probability of archaeological resources, an archaeological survey by a professional archaeologist or other qualified expert shall be performed.*
- ***H-7c: Mitigation of potential impacts on archaeological resources.*** *If the results of the surface reconnaissance show that the project area contains a resource of cultural significance, and it is demonstrated that a project would cause damage to such a resource, the City may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of other treatment include, but are not limited to the following:*
  1. *Modifying the project to avoid portions of the site with archaeological resources.*
  2. *Providing or conveying easements or other deed restrictions*
  3. *Capping or covering archaeological resources with a soil layer before construction*
  4. *Planning open space to incorporate archaeological sites*
- ***H-7d: Monitoring of Construction.*** *In appropriate circumstances, when archaeological resources are likely to be present at a construction site, monitoring of excavation and other soil disturbing activities by archaeological and/or Native American observers shall be required.*
- ***H-7f: Discovery of archaeological resources.*** *Upon discovery of archaeological or paleontological materials, all grading or other land-disturbing construction activities at the site shall be suspended until the nature of the cultural resources has been ascertained and the appropriate disposition method determined.*

Proposed City of Arcata General Plan 2045

The following policies within the proposed General Plan 2045 that regulate cultural or historic resources include the following.

Policy H-1: Designated Historic Landmarks

Objective. *Designate and preserve significant buildings, structures, and sites that are representative of the city's social and physical development; that are reminders of past eras, events, and persons important in local, state, or national history; which provide significant examples of architectural styles of the past; or which are unique and irreplaceable assets to the city, and the neighborhood in which the building, structure or site is located. Support property owners' efforts to preserve, restore, and adapt use of significant structures and sites for continuing significance.*

Applicable sub-policies:

- ***H-1a: National Register and State Historic Landmarks designations.*** *The City encourages owners of eligible buildings, structures or sites to request National Register and State Historical Landmarks*

designations for their properties. As of 2022, nine National Register buildings have been designated and counting: the Arcata Hotel (on the Plaza), the Whaley House (14th and H Streets), the Chapman House (974 10th Street), the Jacoby Building (791 8th Street), the Phillips House (71 E. Seventh Street), Arcata's Pythian Castle (1100 H Street), the Stone House (902 Fourteenth Street), the Schorlig House (1050 12th Street) and the Keiser House (1022 10th Street). The Jacoby Building is listed as a California Historical Landmark, as are the historical sites of Camp Curtis and the Arcata Mad River Railroad Company.

- ***H-1b: Local Historic Landmarks designations.*** *Buildings, structures, or sites having special character or special architectural, or aesthetic interest or value may be designated as local Historic Landmarks. Such buildings, structures or sites shall be protected from demolition and inappropriate alterations. Locally designated Historic Landmarks are shown in Figure HP-a and are listed in Table HP-1, at the end of the Element. An updated inventory of buildings, structures and sites that are designated or potentially historic shall be set by the City Council and maintained by the City. In addition to overall high integrity and exhibiting exceptional preservation, one or more of the following criteria shall be required for a structure or site to be eligible for listing:*
  1. *The building, structure, or site is particularly representative of a distinct architectural period, type, style, or way of life.*
  2. *The building or structure is of a type or style which was once common but is now rare.*
  3. *The building, structure, or site is at least 50 years old.*
  4. *The building, structure or site is associated with a person or event important to local history.*
  5. *The architect or builder is famous or well-recognized.*
  6. *The building's style, construction method, or materials are unusual or significant.*
  7. *The overall effect of the design or building details are beautiful or unusual.*
  8. *The building contains original materials or workmanship of high or unusual value.*
- ***H-1c: Historic Landmarks (:HL) combining zone.*** *The City shall formally designate Historic Landmarks with a special combining zone in the Land Use Code. The zone shall serve as a disclosure of the importance of the structure and of the limitations placed on its alteration or demolition. The request for designation may be initiated by the owner, City Council, Planning Commission, or the Historic and Design Review Commission. If initiated by the City, the owner shall be notified and be able to contest the process.*
- ***H-1d: Design review approval for alterations and additions.*** *The following types of changes to a structure designated by the HL combining zone shall not be permitted without first obtaining approval of the appropriate Review Authority:*
  1. *Any exterior modifications or alterations, including changes in materials.*
  2. *Interior alterations that would affect the exterior appearance.*
  3. *Any addition to the designated structure.*
  4. *Construction of a new building on a parcel with a designated Historic Landmark.*
- ***H-1e: Design criteria for alterations of an additions to local Historic Landmarks.*** *At the discretion of the appropriate Review Authority, an owner proposing any construction or alteration that may affect the historical character of the structure may be required to obtain an analysis of the proposed changes by a cultural resources consultant or other knowledgeable professional to determine the impact on the building's historical features.*

  In modifying historic structures, the distinguishing original qualities or character of the building as described in the parcel's :HL ordinance shall not be destroyed. The removal or alteration of any historic material or distinctive architectural feature shall be avoided whenever possible. Whenever practicable deteriorated architectural features shall be repaired or restored rather than replaced. Contemporary designs for additions are not prohibited when such additions are compatible with and do not destroy the historical or architectural character of the property.
- ***H-1f: Historic Landmarks on the Cal Poly Humboldt campus.*** *The City encourages HSU to initiate procedures for the recognition and protection, in compliance with Public Resources Code Section*

5024, of historic structures and other historic resources on the campus. The following structures, located on the HSU campus, are hereby identified as local Historic Landmarks.

1. *Founders Hall.*
2. *Gist Hall.*
3. *Nelson Hall.*
4. *Jenkins Hall.*

Policy H-2: Potentially Historic Buildings

Objective. *Identify and encourage retention of buildings, structures or sites that could qualify as historical landmarks but are not currently designated. Apply similar review procedures and rehabilitation incentives to potentially historic structures as are applied to :HL properties.*

- ***H-2a: Potentially historic buildings list.*** *The City shall maintain a current "Potentially Historic Buildings" list and encourage retention of these structures. Potentially historic structures are those which may not have complete documentation as to their historical or architectural merit but have been identified as having notable characteristics, with an emphasis on aesthetic characteristics. In addition to overall high integrity, the building, structure or site should have one of the following attributes in order to be eligible for listing:*
  1. *Representative of a particular architectural style identified herein (Settlement, Victorian, Transitional, Modern).*
  2. *Representative of a period in the city's historical development as identified in the City's Context Statement.*
  3. *Associated with social history of the City as identified in the City's Context Statement.*
  4. *Of unusual or special design character.*

  The City shall notify the owners of property being considered for placement on the list. Those owners shall be given the opportunity to contest and appeal the listing. There shall also be a procedure established for properties to be removed from the list. The owners of properties listed as having potentially historic structures are encouraged to apply for Historic Landmark designation.
- ***H-2b: Potentially Historic buildings on Cal Poly Humboldt's campus.*** *The City requests that all structures of historic value be preserved and protected from demolition and from alterations or additions that are incompatible with their historical character. Potentially historic structures on the HSU campus will be added to the potentially historic structures list developed by the City pursuant to H-2a.*
- ***H-2c: Design criteria for alterations and additions.*** *Prior to approval of any exterior change, the Review Authority shall make findings of fact that the alteration or addition maintains the historic integrity of the resource, and is compatible with and does not destroy the historical or architectural character of the property and the immediate neighborhood.*
- ***H-2d: Design review approval****. Design Review and approval shall be required from the appropriate review authority for all exterior alterations to structures, when or if alterations require a building permit, including changes in types of materials and additions. The review authority may request a recommendation from the Historic Landmarks Committee prior to its decision on the project.*

Policy H-3: Arcata Plaza Area Historic District

Objective. *Protect and preserve the Arcata Plaza and the older structures that border the adjacent streets and help define the Plaza's character, for the unique historical, architectural, aesthetic, and economic values that it represents to the city.*

- ***H-3a: Arcata Plaza Historic District.*** *The Plaza Area has a special character and unique historical, aesthetic and cultural interest and significance to the residents and businesses of Arcata. Reflecting its central place in Arcata's heritage and identity, the Plaza Area, as shown on Figure HP-a, is hereby designated as a local historic district.*
- ***H-3b: Landmark Historic District combining zone.*** *The Plaza Area Historic District shall, by ordinance pursuant to the Land Use Code, be designated within the Landmark Historic District*

Combining Zone. Structures within the Historic District shall receive the same protections as are provided to individually-designated Historic Landmarks.

- ***H-3c: Design review approval.*** *Review and approval by the Design Review Authority shall be required for all exterior alterations of and additions to structures located within the Plaza Area Historic District.*
- ***H-3d: Arcata Plaza as a historic site.*** *The Arcata Plaza Historic District includes at its center the city park known as the Arcata Plaza. The following principal features of the Plaza which define its historical character shall be preserved:*
  1. *The generally symmetrical pattern of walkways.*
  2. *The open nature of the Plaza and the absence of buildings within it.*
  3. *The Women's Christian Temperance Union drinking fountain on H Street.*
  4. *The existing Plaza palm trees.*

Policy H-4: Neighborhood Conservation Areas (NCAs)

Objective. *The Central Arcata, Arcata Heights, Bayview, and Bayside areas are Neighborhood Conservation Areas. Ensure that new construction, modifications or alterations of historic structures, and significant changes to other structures are harmonious with the existing character of the Central Arcata, Arcata Heights, and Bayview neighborhoods.*

Applicable sub-policies:

- ***H-4a: Neighborhood Conservation Areas****. Arcata's NCAs, with the boundaries shown in Figure HP-b, are:*
  1. *Bayview Conservation Area.*
  2. *Arcata Heights Conservation Area.*
  3. *"Central" Conservation Area.*
- ***H-4b: Design review.*** *All structures located within an NCA shall be subject to design review and approval. Prior to approval of any exterior change requiring a building permit, the Design Review Authority shall make a finding that the alteration or addition is compatible with established and planned neighborhood elements and does not destroy the historical or architectural elements character of the property.*

Policy H-5: Controls on Demolition and Relocations of Historic Structures

Objective. *To prevent the premature demolition of existing buildings without first evaluating whether they are historically significant, and to consider the potential for preservation of those found to contribute to such character.*

Applicable sub-policies:

- ***H-5a: Discretionary demolition review required.*** *No building within the City shall be demolished, in whole or in part, without review and approval by the Review Authority prior to issuance of a Demolition Permit. The Review Authority shall consider the recommendations of the Historic Landmarks Committee unless a project is determined to not be a potentially historic resource. Demolition or relocation projects within an :HL combining zone, or for potentially historic resources eligible for listing shall be reviewed and noticed in accordance with City Design Review and Public Hearing procedure.*

  Prior to its decision, the Review Authority shall consider the recommendations of the Historical Sites Society of Arcata or its designated representative. For partial demolitions, the applicant shall be required to submit a demolition plan showing those portions to be demolished and those to be retained. The following findings shall be required to approve demolition permit:
  1. *The building is not historically significant, based on criteria outlined for potentially historic structures.*
  2. *Although the building does have historical or aesthetic merit, it:*
     a. *has sustained substantial damage to key structural components, and*

b. there are no feasible alternatives to demolition of the building.

- ***H-5b: Required delay of Action for demolition of designated landmarks.*** *Any approved demolition or relocation permit for designated historical landmarks shall be automatically subject to a delay of 180 days before the building permit for demolition may be issued by the City, unless a waiver to the delay granted by the Review Authority.*
- ***H-5c: Deconstruction of older buildings.*** *In those instances where demolition is authorized, it is encouraged that the buildings be deconstructed and that building components, fixtures, and materials be salvaged for future re-use.*

Policy H-6: Incentives, Information and Education

Objective. *Promote public awareness of the City's historical heritage and resources, provide information and education about the methods and techniques to protect and enhance the quality of these resources, and encourage public participation in preserving Arcata's historical heritage.*

Applicable sub-policies:

- ***H-6a: General incentives for historic structures and sites.*** *Those properties listed as Historic Landmark or as Potentially Historic structures or sites shall be eligible for the following incentives and assistance:*
  1. *Exemption from the requirements to provide any additional off-street parking, except for additions 200 or more square feet in size.*
  2. *Exemption, for nonconforming uses, from Land Use Code limitations pertaining to non-conforming structures and site conditions.*
  3. *Compliance with the State Historic Building Code and portions of the Uniform Code for Building Conservation, rather than the current edition of the Uniform Building Code.*
  4. *Conservation easements for facades that may provide tax advantages to the donor.*
  5. *At the option of the City, façade rehabilitation grants or loans for designated historic commercial structures, to the extent available and as approved by the City.*
- ***H-6b: Specific incentives for structures and sites within the :HL district.*** *The City Council may grant any or all of the following rehabilitation incentives to a site or structure that is designated within the :HL combining zone, in addition to the general incentives listed above.*
  1. ***Adaptive Reuse in Residential Zones****. In order to encourage the economic viability and preservation of Historic Landmark Structures in the residential zoning districts, Historic Landmark Structures within the :HL combining zone may pursue occupancy by land uses that are not otherwise allowed within the primary residential zoning district.*
  2. ***Fee Waivers.*** *Permit fee waivers or reductions as granted by City Council.*
  3. *Mills Act Property Tax Abatement Program. Acceptance of a Mills Act agreement between the City and property owner, which provides property tax reductions for historic properties subject to program criteria.*
  4. ***State and Federal Incentives.*** *Other incentives may include Federal Rehabilitation Tax Credits, and the California Heritage Fund Grant Program.*
  5. ***Other Incentives.*** *Other incentives deemed necessary to encourage preservation, as approved by the City Council.*
- ***H-6c: Public Information and Education.*** *The City shall work in partnership with the Historic Landmarks Committee, Planning Commission, and Historic Sites Society as appropriate to promote education and appreciation of the community's heritage sites, and contribute to Arcata's tourism attractions. City staff shall continue to update informational materials describing the advantages of having structures or sites designated as local Historic Landmarks or as potentially historic structures.*
- ***H-6d: Role of Historical Sites Society of Arcata (HSSA).*** *The City shall send notice to the HSSA on all matters pertaining to the preservation of historical resources. These include, but are not limited to, historical educational opportunities for the community, requests for comments on proposed Historic*

Landmarks, additions to the list of potentially historic structures, and proposed alteration or demolition of such structures. The HSSA may submit its comments to the Review Authority.

Policy H-7: Archaeological and Cultural Resources and Wiyot Tribal History

Objective. *Protect, preserve and enrich Native American and Euro-American archeological sites and cultural resources within the City of Arcata. Preserve and enrich Native American and Euro-American archeological sites and cultural resources within the City of Arcata, particularly resources related to Wiyot Tribal history. Adopt a series of policies that ensure pre-project consultation and review as well as collaborative government to government relations with the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria.*

Applicable sub-policies:

- ***H-7a: Cultural Resources Project Review.*** *As part of the environmental and project review process, all proposed discretionary projects under the California Environmental Quality Act shall be subject to cultural resources sensitivity review by the local area Tribal Historical Preservation Officers (THPOs) or their designated representatives, and the Northwest Information Center. If the cultural resources project review determines that the project is located in an area with a high probability of archaeological resources, an archaeological survey by a professional archaeologist or other qualified expert shall be performed to the satisfaction of the THPOs or their designated representatives.*

  If the results of reconnaissance show that the project area contains a resource of cultural significance, and if it is demonstrated that a project will cause damage to such a resource, the City shall confer with appropriate agency and governmental partners. In the case of sites potentially containing resources of tribal cultural significance, all local Tribal Historic Preservation Officers or their designated representatives shall be notified. This consultation may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of other treatment include, but are not limited to, the following:

  1. *Formally evaluating the site / find to determine its eligibility for the California Register of Historical Resources.*
  2. *Modifying the project to avoid portions of the site with archaeological resources.*
  3. *Providing or conveying easements or other deed restrictions.*
  4. *Capping or covering archaeological resources with a soil layer before construction.*
  5. *Planning open space to incorporate archaeological sites.*
- ***H-7b: Inadvertent Archaeological Discoveries and associated mitigations.*** *Standard Operating Procedures for handling "post-review" of inadvertent archeological discoveries shall be adopted for all phases and aspects of work carried out by or for the City of Arcata and will be housed in the City's Land Use Code Chapter 9.53, Historic Resource Preservation. This protocol shall be developed in partnership with, and approved by, local Tribal Historic Preservation Officers and/or their respective Tribal Councils. The intent of these procedures will generally be to stop work upon discovery, evaluate the discovery with support from qualified archeologists and THPOs or their designees, consult with the Tribes and other interested parties on survey findings, determine significance, and if resources are determined significant per the California Register of Historical Places, avoid or minimize direct or indirect impacts to significant archaeological or Native American discoveries.*

City of Arcata Local Coastal Program

There are no policies in the City of Arcata Local Coastal Program specific to protection of cultural or archaeological resources.

3.4.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the Project would be considered to have a significant impact on cultural resources if it would result in any of the following:

– Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5;

– Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5; or
– Disturb any human remains, including those interred outside of formal cemeteries.

3.4.5 Methodology

The primary study completed to analyze the General Plan 2045 is a Historic Resources Inventory (Takano 2023), which focused on historic resources within the Gateway Area. Archaeological resources investigations included tribal consultation under AB 52, which is discussed in Section 3.11 (Tribal Cultural Resources) of this EIR.

3.4.6 Impacts and Mitigation Measures

Impact CR-a: Would adoption and implementation of the General Plan cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?

As discussed in Section 2.6.1, the City is developing a targeted infill zoning ordinance for the Gateway Area centered on a form-based code. The form-based code will introduce new mixed use and residential uses into existing residential, commercial mixed-use and industrial areas with four new zoning districts intended to guide the creation of new mixed-use activity centers and high-quality neighborhoods in the Gateway Area. The form-based code will establish standards relating to building form, character, and streetscape, a new community benefit program, and a streamlined permitting process intended to reduce project-specific discretionary decision-making by relying on objective design standards.

Relevant sections of the CEQA guidelines outlining a framework for analyzing potential impacts on built environment historical resources in the study area include the following:

– Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired (Section 15064.5(b)(1)).
– The significance of an historical resource is materially impaired when a project:
    - Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources (Section 15064.5(b)(2)(A)).

A resource is materially impaired when a project demolishes or materially alters in an adverse manner those physical characteristics that convey its historical significance. Under CEQA, projects following the Secretary of the Interior's Standards for the Treatment of Historic Properties are generally considered mitigated to a less than significant impact. CEQA requires the lead public agency to mitigate any impacts through enforceable measures included in project permits, agreements, or other measures. Impacts can be direct, indirect, and cumulative. Impacts have the potential to diminish a historical resource's historic integrity, i.e., the physical characteristics that convey its significance. Historic integrity is assessed with regard to the retention of the historical resources' characteristics of location, setting, design, materials, workmanship, feeling, and association.

The Secretary of the Interior's Standards for the Treatment of Historic Properties provide guidance on the preservation and protection of cultural resources listed in or eligible for listing in the National Register of Historic Places. This is also used for properties listed in or eligible for listing in the California Register of Historical Resources, and lead agencies use the Secretary of the Interior's Standards for the Treatment of Historic Properties for other CEQA historical resources. Four types of treatments, Preservation, Rehabilitation, Restoration, and Reconstruction, comprise the Secretary of the Interior's Standards for the Treatment of Historic Properties. Rehabilitation is the most relevant treatment to assess this Project. Rehabilitation is defined as "the act or process of making possible a compatible use for the property through repair, alterations, and additions while preserving those portions or features which convey its historical, cultural, or architectural values." The Secretary of the Interior's Standards for the Treatment of Historic Properties for rehabilitation are:

1. A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.
2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.
3. Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.
4. Changes to a property that have acquired historic significance in their own right will be retained and preserved.
5. Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.
6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.
7. Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.
8. Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.
9. New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.
10. New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

Implementation of the General Plan 2045 has the potential to result in the physical demolition, destruction, relocation, or alteration of known historical resources within the study area (City limits).

Gateway Area and Other Infill Opportunity Zones

There are 17 sites in the Gateway Area that are to be considered under the City's preservation policies, and potentially additional locally significant historic resources in the remaining Infill Opportunity Zones. It is possible that historically significant structures may be demolished under the anticipated development within the Gateway Area and Infill Opportunity Zones. Two specific properties with known potential for demolition or alteration are listed below.

1. Within the General Plan 2045 planning period, multiple structures on the west side of the California Central Creameries Plant property (the "Creamery Building") at 1251 9th St. (APN 021-173-002) will be authorized for demolition as described in the Gateway Code. These would likely include three detached structures, cement landscaping and smokestack structures, and storage facilities. The California Central Creameries Plant is a designated historical site and demolition of any of the buildings on the parcel previously determined to be historic would result in a significant impact to historic resources, which is an unmitigable impact, and thus a significant unavoidable impact.
2. Similarly, the building located at 1320 10th Street (APN 021-171-017) has been identified in the Gateway Plan as potentially historic and is anticipated to be significantly altered or demolished within the General Plan 2045 planning period. Demolition or a significant alteration not in keeping with the Secretary of the Interior's Standards for Rehabilitation of Historic Structures is an unmitigable impact, and thus a significant unavoidable impact.

Proposed General Plan Policy H-5 and sub-policies H-5a, H-5b, and H-5c provide controls on potential demolition and relocation of historic structures to prevent premature demolition without evaluation of their historical significance. Under proposed Policy H-5a, no building within the City shall be demolished without review and approval by the Review Authority prior to issuance of a Demolition Permit. The Review Authority shall consider the recommendations of the Historic Landmarks Committee (HLC) unless the building is determined to not be a potentially historic resource. Demolition or relocation within a HL combining zone (or potentially historic resource eligible for listing) would be reviewed and noticed in accordance with City Design Review and public hearing procedures. A Demolition Permit may be granted to demolish a historic resource if it has sustained substantial damage to key structural components and there are no feasible alternatives to demolition of the building. Under proposed Policy H-5b, a granted Demolition Permit would be automatically delayed by 180 days (unless waived), and under policy H-5c the re-use of materials within the demolished building is encouraged when feasible.

Although there are review requirements in place via proposed policy, local historic landmarks (including the Northwestern Pacific Railway Line) may be demolished under proposed General Plan 2045 policy. Any other buildings proposed for demolition identified as significant or potentially significant historic resources within the Gateway Area Plan would be required to be evaluated at the time that the project is proposed, which would trigger subsequent evaluation and a subsequent EIR. The demolition of the two properties identified above, one of which is a local historic landmark, would result in a significant impact to historic resources, which is an unmitigable impact, and thus a significant unavoidable impact.

Remaining Study Area

The same analysis is consistent for the remaining study area with the exception that development is not anticipated to occur as rapidly as within the Gateway Area or other Infill Opportunity Zones. However, historic resources may be demolished. Existing and proposed General Plan policies are in place to protect these resources, and independent CEQA evaluation will occur.

Mitigation Measure: Not feasible

Level of Significance: Significant and unavoidable impact

Impact CR-b: Would adoption and implementation of the General Plan cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

In the absence of a cultural resources report, archaeological resources are assumed to be present within the study area. While this EIR does not analyze project-specific actions, it does analyze the proposed form-based code that is intended to streamline development within the Gateway Area, and proposed policies of the General Plan 2045 that would apply throughout City limits. All excavation projects carry the risk of unearthing sensitive archaeological resources, which would result in a potentially significant adverse impact.

Proposed Policy H-7 and sub-policies H-7a and H-7b would protect Native American and Euro-American archaeological sites and cultural resources, particularly resources related to the Wiyot Tribal history. Sub-policy H-7a states that all discretionary projects under CEQA would be subject to cultural resource sensitivity review. If the review determines that the project is in an area with a high probability of archaeological resources, then an archaeological survey would be conducted. For non-discretionary projects, staff review and application of the existing Archeologic Sensitivity Map developed in conjunction with the local area Tribal Historic Preservation Officers ensure projects with the potential to cause a substantial adverse change to the significance of a tribal cultural resource are identified and appropriate measures for consultation, reconnaissance, and treatment are considered as part of project review.

Policy H-7a requires tribal cultural resource sensitivity review for all proposed all proposed discretionary projects under CEQA, and outlines a process for consultation, reconnaissance, and treatment if the project is determined to be located in an area with a high probability of archaeological and/or cultural significance. Policy H-7b provides procedures for inadvertent archeological discoveries and associated mitigations, with a general intent to stop work upon discovery, evaluate the discovery with support from qualified archaeologists or Tribal Historic

Preservation Officer, consult with tribes and other interested parties, determine significance, and if resources are determined significant per the California Register of Historical Resources, avoid or minimize direct or indirect impacts to significant archaeological or Native American discoveries.

With adoption of the General Plan 2045 and implementation of Policy H-7 and sub-policies H-7a and H-7b, the impact associated with the potential inadvertent discovery of archaeological resources would be reduced to a less-than-significant level.

Mitigation Measure: No mitigation is necessary

Level of Significance: Less than significant impact

Impact CR-c: Would adoption and implementation of the General Plan disturb any human remains, including those interred outside of formal cemeteries?

Inadvertent discovery of human remains has the potential to result in a significant impact to cultural resources. Text included in sub-policy H-7a and in the City's adopted Land Use Code detailed procedures for incidental discoveries of archaeological resources, which is consistent with the City's standard protocol for inadvertent discovery of human remains.

As included in the City's standard protocol, if human remains are discovered during project construction, work within the discovery location plus nearby areas reasonably suspected to overlie human remains, would cease (PRC Section 7050.5). The Humboldt County Coroner and designated tribal representatives would be contacted by the project Archaeologist to determine if the cause of death must be investigated. If the Coroner determines that the remains are of Native American origin, it is necessary to comply with state laws regarding the disposition of Native American burials, which fall within the jurisdiction of the California Native American Heritage Commission (PRC Section 5097). In this case, the Coroner would contact Native American Heritage Commission. The descendants or Most Likely Descendants of the deceased would be contacted, and work would not resume until they have made a recommendation to the landowner or person responsible for excavation work with direction regarding appropriate means of treatment and disposition, with appropriate dignity, of the human remains and any associated grave goods, as provided in PRC Section 5097.98.

Given the inclusion of inadvertent discovery in sub-policy H-7a and implementation of the City's standard protocol for inadvertent discovery of human remains, the potential impact would be less than significant.

Mitigation Measure: No mitigation is necessary

Level of Significance: Less than significant impact

3.4.7 Cumulative Impacts

Impact CR-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to cultural resources?

The cumulative effects analysis examines the current Project effects taken together with effects of past projects and known projects in the foreseeable future. Future projects considered for cumulative impacts are identified in Table 1-1. All projects need to comply with federal, state, and local regulations regarding the protection of historic and cultural resources. However, as a result of the policies in the proposed General Plan which, under certain conditions, allows for demolition of historic resources, a significant impact could potentially occur within City limits throughout the planning horizon. If historic resources were demolished under a project listed in Table 1-1 or in an unknown future project, the historical integrity of the region could degrade. Therefore, implementation of General Plan 2045 has the potential to contribute to a cumulatively significant impact to historic resources in conjunction with the other development proposed in Table 1-1 and unknown future development to occur throughout the planning horizon that may include the demolition of historic resources.

Policies are in place under the proposed General Plan 2045 to protect cultural resources, including pre-project review and procedures for inadvertent discovery of archaeological resources. These inadvertent discovery procedures are standard in excavation projects and would be implemented in the projects listed in Table 1-1 and future unknown projects. Therefore, implementation of General Plan 2045 would not cause a cumulative adverse impact to cultural resources, including archaeological materials and human remains.

Mitigation Measures: Not feasible (historic resources); no mitigation proposed (cultural resources)

Level of Significance: Significant and unavoidable impact (historic resources). Less than significant impact (cultural resources)

3.4.8 References

City of Arcata. 2008. Arcata General Plan: 2020; Historical Preservation Element. Available at: https://www.cityofarcata.org/DocumentCenter/View/35/Chapter-5-Design-and-Historical-Preservation---2-Historical-Preservation-Element-PDF

Loud, L.L. 1918. Ethnogeography and Archaeology of the Wiyot Territory. In American Archaeology and Ethnology 14(3):221-436.

Takano, G. 2023. City of Arcata Gateway Area Historic Resources Inventory. Submitted to Planwest Partners, Inc. September 6, 2022. Revised February 2023.

3.5 Greenhouse Gas Emissions

This section evaluates the potential greenhouse gas (GHG) emissions impacts during construction and operation of the Project. The GHG analysis below discusses GHG and consistency with the state of California's 2022 Climate Change Scoping Plan. If the Project meets the criteria laid out in applicable GHG emissions plans, policies, and regulations, then its impact for that category may be considered less than significant.

3.5.1 Study Area

The CEQA Guidelines generally address GHG emissions as a cumulative impact due to the global nature of climate change (PRC § 21083(b)(2)). As the California Supreme Court explained, "because of the global scale of climate change, any one project's contribution is unlikely to be significant by itself" (Cleveland National Forest Foundation v. San Diego Assn. of Governments (2017) 3 Cal. 5th 497, 512). Because of the global nature of GHG, and the state-wide application of CEQA, the study area for GHG impacts is the State of California.

3.5.2 Environmental Setting

Climate and Meteorology

The proposed Project is located in the western portion of Humboldt County, California, which is in the jurisdiction of the North Coast Air Basin. The coastal zone of Humboldt County experiences wet, cool winters, and dry, mild foggy summers. Coastal summer highs range from the mid-60s to 70s, with lows from the upper 40s to mid-50s. In the winter, highs range from the low 40s to high 50s, with lows in the 30s and 40s. The coastal zone experiences a number of frosty nights in winter and early spring, though snowfall and hard freezes are rare.

Global Climate Change – Greenhouse Gases

Gases that trap heat in the atmosphere are referred to as GHGs because they capture heat radiated from the sun as it is reflected back into the atmosphere, much like a greenhouse. The accumulation of GHGs has been implicated as the driving force for global climate change. The primary GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), ozone (O_3), and water vapor (H_2O).

While GHGs in the atmosphere are naturally occurring, the emission rate of CO_2, CH_4, and N_2O has been accelerated by human activities. Emissions of CO_2 are largely by-products of fossil fuel combustion, whereas CH_4 results from off-gassing associated with such activities as agricultural practices and landfills. Other GHGs include hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, which are generated during certain industrial processes. GHGs are typically reported in "carbon-dioxide-equivalent" measures (CO_2e).

There is international scientific consensus that human-caused increases in GHGs have contributed, and would continue to contribute, to climate change. Potential climate change impacts in California may include, but are not limited to, a decrease in snowpack, sea level rise, and a greater number of extreme heat days per year, high ozone days, large forest fires, and drought years. Secondary effects are likely to include impacts on agriculture, changes in disease vectors, and changes in habitat and biodiversity.

The U.S. EPA reports U.S. GHG emissions for 2021 as 6,340 million metric tons (MMT) of CO_2e. The transportation sector accounts for 28 percent, followed by the electricity sector at 25 percent and the industrial sector at 23 percent. Commercial and residential fuel use and the agricultural sector accounted for the remaining 23 percent (EPA 2023).

The California Air Resources Board (CARB) estimated that in 2022 California produced about 369.2 MMT of CO_2e. The transportation sector was the highest source at 38 percent of the state's total GHGs, followed by the industrial sector at 23 percent, and electricity generation (both in-state and out-of-state) at 16 percent. Commercial and residential fuel use, recycling and waste, high global warming potential, and agricultural sectors accounted for the remaining 23 percent of the state's total GHG emissions (CARB 2022a). CARB uses the

Intergovernmental Panel on Climate Change (IPCC) 2007 Fourth Assessment Report (AR4) global warming potentials for the state's 2000-2022 emissions inventory.

GHGs normally associated with the proposed Project include the following listed below. Global Warming Potential (GWP) is a measurement of the heat absorbed by any GHG in the atmosphere, as a multiple of the heat that should be absorbed by the same mass of CO_2. All GWP are given as 100-year GWP. Unless otherwise noted, all GWPs and information presented below were obtained from the 2007 IPCC AR4:

Water Vapor (H_2O). Although water vapor has not received the scrutiny of other GHGs, it is the primary contributor to the greenhouse effect. Natural processes, such as evaporation from oceans and rivers, and transpiration from plants, contribute 90 percent and 10 percent of the water vapor in our atmosphere, respectively. The primary human-related source of water vapor comes from fuel combustion in motor vehicles; however, it does not contribute a significant amount (less than one percent) to atmospheric concentrations of water vapor. The IPCC has not determined a GWP for water vapor.

Carbon Dioxide (CO_2). Carbon dioxide is primarily generated by fossil fuel combustion in stationary and mobile sources. Due to the emergence of industrial facilities and mobile sources in the past 250 years, fossil fuel combustion has driven the largest increase in CO_2 emissions (EPA 2023). Carbon dioxide is the most widely emitted GHG and is the reference gas (GWP of 1) for determining GWP for other GHGs (IPCC 2007).

Methane (CH_4). Methane is emitted from biogenic sources, incomplete combustion in forest fires, landfills, manure management, and leaks in natural gas pipelines. The United States' top three methane sources are landfills, natural gas systems, and enteric fermentation (flatulence produced by livestock digestion). Methane is the primary component of natural gas, used for space and water heating, steam production, and power generation. The GWP of methane is 25 (IPCC 2007).

Nitrous Oxide (N_2O). Nitrous oxide is produced by both natural and human-related sources. Primary human-related sources include agricultural soil management, animal manure management, sewage treatment, mobile and stationary combustion of fossil fuels, adipic acid production, and nitric acid production. The GWP of nitrous oxide is 298 (IPCC 2007).

In addition to the four major GHGs discussed above (excluding water vapor), many other compounds have the potential to contribute to the greenhouse effect. Some of these substances were previously identified as stratospheric ozone (O_3) depletors; therefore, their gradual phase-out is currently in effect. The following is a listing of these compounds:

Hydrochlorofluorocarbons (HCFCs). HCFCs are solvents, similar in use and chemical composition to chlorofluorocarbons (CFCs). The main uses of HCFCs are for refrigerant products and air conditioning systems. As part of the Montreal Protocol, all developed countries that adhere to the Montreal Protocol are subject to a consumption cap and gradual phase out of HCFCs. The United States is scheduled to achieve a 100-percent reduction to the climate ac by 2030. The GWP of HCFCs range from 90 for HCFC-123 to 1,800 for HCFC-142b (IPCC 2007).

1,1,1 trichloroethane. 1,1,1 trichloroethane or methyl chloroform is a solvent and degreasing agent commonly used by manufacturers. The GWP of methyl chloroform is 146 times that of carbon dioxide (IPCC 2007).

Chlorofluorocarbons (CFCs). CFCs are used as refrigerants, cleaning solvents, and aerosols spray propellants. CFCs were also part of the EPA's Final Rule (57 Federal Register (FR) 3374) for the phase-out of O_3 depleting substances. Currently, CFCs have been replaced by hydrofluorocarbons (HFCs) in cooling systems and a variety of alternatives for cleaning solvents. Nevertheless, CFCs remain suspended in the atmosphere contributing to the greenhouse effect. CFCs are potent GHGs with 100-year GWP ranging from 3,800 for CFC 11 to 14,400 for CFC 13 (IPCC 2007).

The Project area is an urbanized area surrounded by adjacent agricultural land, undeveloped riverine floodplains, and estuarine wetlands located further west. Although agricultural activities do generate GHG emissions, the amount of active agricultural operations within the Project region (Humboldt County) is limited. The majority of GHGs emitted from the Project region are from transportation and use of electricity at residences. Vehicle trips

throughout the County are associated with traveling between Arcata and Eureka, and for residents traveling to their respective homes within the study area. No other major sources of GHG emissions exist in the Project region.

3.5.3 Regulatory Framework

Federal

The federal government granted California authority under the federal Clean Air Act to implement its own vehicle emissions standards under a specified 'waiver of preemption', subject to review and approval by the EPA. The federal 2019 Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program Rule (SAFE-1) rescinded California's authority to implement its own GHG emissions standards and zero emission vehicle sales mandate. Subsequently, the EPA reconsidered the action and restored California's authority to implement the GHG standards and zero emission vehicle sales mandate as part of California's Advanced Clean Car program.

Council on Environmental Quality

On February 18, 2010, the Council on Environmental Quality provided a draft guidance memorandum for public consideration and comment on the ways in which federal agencies can improve their consideration of the effects of GHG emissions and climate change in evaluations of proposals for federal actions under the National Environmental Policy Act (CEQ 2010). The Council on Environmental Quality updated that draft in 2014 and provided a final guidance on August 2, 2016 (CEQ 2016). However, the Council on Environmental Quality replaced the 2016 final guidance with the 2019 Draft GHG Guidance. The Council on Environmental Quality then rescinded the 2019 Draft GHG Guidance and committed to review, revise, and update its 2016 GHG Guidance in accordance with Executive Order 13990. This did not automatically restore the 2016 Final GHG Guidance, and Council on Environmental Quality's announcement of the rescission encouraged agencies to consider "all available tools and resources" when analyzing GHG emissions and climate change in their National Environmental Policy Act reviews, including the 2016 Guidance "as appropriate and relevant."

On January 9, 2023, the Council on Environmental Quality issued a notice on the National Environmental Policy Guidance on Consideration of Greenhouse Gas Emissions and Climate Change for public review and comment. As of the date of this Draft EIR, the Council on Environmental Quality has not formally adopted the 2023 guidance. The draft guidance applies a "rule of reason' approach that requires agencies to conduct assessments that are proportional to the project's impacts. Assessment to include both direct and indirect emissions in cost assessments.

For comparison, the EPA's Greenhouse Gas Reporting Program requires mandatory reporting for 'large' industrial sources of GHG to report GHG data and defines large industrial sources as those that emit more than 25,000 $MTCO_2e$ per year.

State

Statewide Emission Reduction Goals

Executive Order S-3-05

In 2005, the Governor of California signed Executive Order S-3-05, which established GHG emission reduction targets to reduce emissions as follows:

– By 2010, reduce GHG emissions to 2000 levels,
– By 2020, reduce GHG emissions to 1990 levels, and
– By 2050, reduce GHG emissions to 80 percent below 1990 levels.

The Secretary of the California EPA (Secretary) was designated to coordinate oversight of the multi-agency efforts made to meet the targets.

The Secretary must also submit biannual reports to the governor and California Legislature describing the progress made toward the emissions targets, the impacts of global climate change on California's resources, and mitigation and adaptation plans to combat these impacts. To comply with the executive order, the Secretary created the California Climate Action Team, made up of members from various state agencies and commissions. The team released its first Climate Action Team Report in March 2006, with its most recent S-3-05-mandated Climate Action Team Report released in 2010. The report proposes to achieve the targets by building on the voluntary actions of California businesses, local governments, and communities and through state incentive and regulatory programs.

Assembly Bill 32, California Global Warming Solutions Act of 2006

In 2006, the Governor of California signed the Global Warming Solutions Act of 2006 (AB 32), committing California to reducing GHG emissions to 1990 levels by 2020. The statute requires the CARB to track emissions through mandatory reporting, determine the 1990 emission levels, set annual emissions limits that would result in meeting the 2020 target, and design and implement regulations and other feasible and cost-effective measures to ensure that statewide GHG emissions would be reduced to 1990 levels by 2020. CARB calculated the 2020 emissions limit as 431 MMT CO_2e. Projected business-as-usual emissions for 2020 are 509 MMT CO_2e. California's emissions fell below the required emissions limit starting in 2014 (CARB 2023).

Executive Order B-30-15

On April 29, 2015, the Governor of California announced EO B-30-15 and established the 2030 target of reducing GHG emissions to 40 percent below 1990 levels. The emission reduction target is an interim-year goal to provide substantial progress toward the ultimate goal of reducing emissions by 80 percent below 1990 levels by 2050.

Senate Bill 32 and Assembly Bill 197

Senate Bill (SB) 32, passed in 2016, extended the goals of AB 32 and codifies the GHG reduction target of 40 percent below 1990 levels by year 2030, consistent with EO B-30-15. The companion bill to SB 32, AB 197, provides additional direction to CARB in developing each update to the Climate Change Scoping Plan (see below).

Executive Order B-55-18

Signed in 2018, EO B-55-18 sets a statewide goal of achieving carbon neutrality by 2045.

Renewable Energy Portfolios

Renewable Portfolio Standard

California's Renewable Portfolio Standard requires retail sellers of electric services to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020. The 33 percent standard is consistent with the Renewable Portfolio Standard goal established in the Scoping Plan.

Senate Bill 350

The passage of Senate Bill 350 in 2015 updated the Renewable Portfolio Standard to require the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources to increase to 50 percent by December 31, 2030. The bill made other revisions to the Renewable Portfolio Standard program and to certain other requirements on public utilities and publicly owned electric utilities.

Senate Bill 100

California's Renewable Portfolio Standard was further strengthened in 2018 by the passage of Senate Bill 100, which increases the Renewable Portfolio Standard requirement to 60 percent by 2030 and requires renewable energy and zero-carbon resources supply 100 percent of electric retail sales to end-use customers by 2045, speeding up the state's timeline for moving to carbon-free power sources.

Senate Bill 1020 (100% Clean Electric Grid)

Senate Bill 1020 was passed in 2022 and contains the following goals for delivering eligible renewable energy resource and zero-carbon resources of electric energy to end users:

– 90 percent by 2035
– 95 percent by 2040
– 100 percent by 2045

Additionally, SB 1020 requires all state agencies procure 100 percent of electricity from renewable energy and zero-carbon resources by 2035.

On-road Vehicles

Assembly Bill 1007 (State Alternative Fuels Plan)

AB 1007, (Pavley, Chapter 371, Statutes of 2005) required the California Energy Commission to prepare a state plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). The California Energy Commission prepared the State Alternative Fuels Plan in partnership with CARB and in consultation with other state, federal, and local agencies. The final State Alternative Fuels Plan, published in December 2007, attempts to achieve an 80-percent reduction in GHG emissions associated with personal transportation, even as California's population increases.

Executive Order N-79-20

This executive order from Governor Newsom, signed on September 23, 2020, requires sales of all new passenger vehicles to be zero-emission by 2035 and additional measures to eliminate harmful emissions from the transportation sector. CARB will develop regulations to mandate that 100 percent of in-state sales of new passenger cars and trucks are zero-emission by 2035 – a target which would achieve more than a 35 percent reduction in GHG emissions and an 80 percent improvement in oxides of nitrogen emissions from cars statewide. In addition, the CARB will develop regulations to mandate that all operations of medium- and heavy-duty vehicles shall be 100 percent zero emission by 2045 where feasible, with the mandate going into effect by 2035 for drayage trucks.

Additionally, Executive Order N-79-20 directs CARB to develop emission reduction strategies for off-road vehicles (details provided below.)

Advanced Clean Cars

First adopted in 2012, the Advanced Clean Cars I was adopted by CARB to include low emission vehicle and zero emission vehicle regulations for on-road vehicle model years 2015-2025.

The Advanced Clean Cars II regulations were adopted by CARB in 2022 and include the next set of low emission vehicle and zero emission vehicle standards for model years 2026-2035. These standards are anticipated to assist in meeting the federal ambient air quality ozone standards and California's carbon neutrality targets. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions.

Senate Bill 375

SB 375 (codified in the Government Code and the PRC) took effect in 2008 and provides a new planning process to coordinate land use planning, regional transportation plans, and funding priorities in order to help California meet the GHG reduction goals established in AB 32. Senate Bill 375 requires metropolitan planning organizations to incorporate a Sustainable Communities Strategy in their Regional Transportation Plans that will achieve GHG emissions reduction targets by reducing vehicle miles traveled from light-duty vehicles through the development of more compact, complete, and efficient communities.

CARB, in consultation with metropolitan planning organizations, provided each affected region with reduction targets for passenger car and light truck regional emissions for 2020 and 2035. CARB is also charged with

reviewing each metropolitan planning organization's Sustainable Communities Strategy for consistency with its assigned targets. If metropolitan planning organizations do not meet the GHG reduction targets, transportation projects may be ineligible for funding programmed after January 1, 2012. Pursuant to SB 375, CARB established emission reduction targets for California's 18 metropolitan planning organization regions for the year 2020 and 2035. Humboldt County is not one of the metropolitan planning organization regions that require emissions reductions targets and, as such, does not have an assigned emission reduction goal.

Off-road Vehicles

CARB adopted the In-Use Off-Road Diesel-fueled Fleets Regulation (Off-Road Regulation) in 2007, initially focused on emissions standards for new engines to reduce regional criteria air pollutant, ozone precursor, and diesel particulate matter emissions from off-road equipment. The regulation was further updated with amendments in 2009, 2010, and most recently in 2022, to address all self-propelled off-road diesel vehicles 25 horsepower (hp) or greater used in California and most two-engine vehicles. Among the requirements, the regulation imposes limits on idling and requires a written idling policy.

The Governor's Executive Order N-79-20 directs CARB to develop and propose strategies to achieve 100 percent zero-emission from off-road vehicles and equipment operations in the state by 2035 where feasible. In November 2022, CARB approved amendments to the Off-Road Regulation. The amendments will require fleets to phase-out use of the oldest and highest polluting off-road diesel vehicles in California, prohibit the addition of high-emitting vehicles to a fleet, and require the use of R99 or R100 renewable diesel in off-road diesel vehicles. The amendments phase-in start in 2024 through the end of 2036. The amendments further reduce air pollutant emissions from engines, as well as reduce energy consumption by off-road equipment.

Assembly Bill 3232 Building Decarbonization

AB 3232, signed in 2018, requires the California Energy Commission to assess how to reduce GHG emissions from the state's existing building stock by 40 percent below 1990 levels by 2030, in line with the state's overall GHG emissions limit (SB 32 by Senator Pavley, 2016). The California Building Decarbonization Assessment was approved by the California Energy Commission and published in August 2021.

California Building Energy Efficiency Standards

California's Building Energy Efficiency Code, known as Title 24, is designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings. Title 24 regulates how each new home and business is built or altered in California. It includes requirements for the structural, plumbing, electrical, and mechanical systems of buildings, and for fire and life safety, energy conservation, green design, and accessibility in and about buildings. Two sections of Title 24 – Part 6, the California Energy Code, and Part 11, the California Green Building Standards Code or CALGreen Code – contain standards that address GHG emissions related to construction.

The California Energy Commission updates the Building Energy Efficiency Standards (Title 24, Parts 6 and 11) every three years by working with stakeholders in a public and transparent process. The version in effect at the time of this document is the 2022 Title 24. Buildings whose permit applications are applied for on or after January 1, 2023 must comply with the 2022 Building Energy Efficiency Standards.

Part 6 California Energy Code

The 2022 Energy Code includes goals that would increase building energy efficiency, contribute to California's GHG reduction goals, enable pathways for all-electric buildings, reduce new building impacts on the electricity grid, promote demand flexibility and self-utilization of solar energy generation, and provide tools for local government reach codes.

The Energy Code is divided into three basic sets: a mandatory requirement that applies to all buildings, a set of performance standards that vary by climate zone and building type, and a set of alternatives to performance standards. Mandatory requirements for residential buildings include measures to support future electrification of appliances (cooktops, space heating, clothes dryers, and water heaters) when gas equipment is installed, future

solar electric installation, and future energy storage system-ready measures. Electrical infrastructure must be provided and reserved to the equipment location for the future installation of electrical appliances.

Part 11 CALGreen Code

CALGreen became a mandatory code beginning January 1, 2011. The code takes a holistic approach to green building by including minimum requirements in the areas of planning and design, energy efficiency, water efficiency and conservation, material conservation and resource efficiency, and environmental quality. The CALGreen code has minimum mandatory standards and two additional tiers of voluntary measures intended to achieve greater levels of efficiency that result in lower levels of GHG emissions. Local governments must enforce the minimum standards and can choose to adopt either Tier 1 or Tier 2 standards to achieve greater positive environmental impacts. CALGreen does not limit the authority of local agencies to make necessary changes based on local climate or topography considerations.

Mandatory requirements for new nonresidential construction include bicycle parking, electric vehicle charging stations, electric vehicle charging readiness requirements for warehouses, grocery stores, and retail stores with planned off-street loading spaces, water efficiency measures, lighting efficiency measures, prohibitions of use of CFCs and halons in heating, ventilating, and air conditioning, refrigeration and fire suppression equipment, and refrigerant leak reduction measures.

Residential mandatory requirements include electric vehicle charging support infrastructure (with exceptions for accessory dwelling units and junior accessory dwelling units without additional parking facilities).

Senate Bill 1383

Adopted in 2016, Senate Bill 1383 contains multiple emission reduction goals for short-lived climate pollutants, including CH_4 and hydrofluorocarbons (HFCs). Per SB 1383, emissions must be reduced to the following levels by 2030 (as compared to 2013 levels):

- 40 percent reduction in total CH_4 emissions (including a separate 40 percent reduction in dairy and livestock emissions);
- 40 percent reduction in HFC emissions;
- 50 percent reduction in anthropogenic black carbon emissions; and
- 50 percent reduction of organic waste disposal from 2014 levels by 2020, and 75 percent by 2025, including recovery of at least 20 percent of edible food for human consumption.

As stated within the CARB's 2022 Scoping Plan (discussed in the following pages), achieving the 75 percent organic waste disposal reduction target of SB 1383, and maintaining that level of disposal in subsequent years, would bring annual landfill emissions in 2030 to just below the 2013 baseline.

Climate Change Scoping Plan

In December 2008, pursuant to AB 32, CARB adopted the Climate Change Scoping Plan (Scoping Plan), which outlined measures to attain the 2020 GHG emissions limit. The Scoping Plan estimated that implementation of identified measures would result in a reduction of 105.3 MMT CO_2e from various sectors. AB 32 requires CARB to update the Scoping Plan at least every five years. The Scoping Plan was updated in 2017, and more recently in 2022.

The 2022 Scoping Plan identifies a path to meet the SB 32 GHG, as well as reducing anthropogenic GHG emissions to 85 percent below 1990 levels by 2045, and achieving carbon neutrality by 2045 or earlier, consistent with AB 1279. The 2022 Scoping Plan includes measures to move to a zero-emissions (decarbonized) transportation sector and phasing out the use of natural gas in residential and commercial buildings. The 2022 Scoping Plan would also reduce emissions of short-lived climate pollutants and includes mechanical CO_2 removal and carbon capture and sequestration actions, as well as natural working lands management and nature-based strategies. The plan's measures are identified in Table 2-2 and Table 2-3 of the 2022 Scoping Plan. The measures are statewide and programmatic in nature. The 2022 Scoping Plan is largely advisory, as CARB does not directly regulate many of the sectors identified by the plan's measures.

The 2022 Scoping Plan states that local action by municipalities can support and amplify efforts to reduce GHGs. Local government decisions play a critical role in supporting state-level measures to contain the growth of GHG emissions associated with the transportation system and the built environment. Local actions, provided in Appendix D of the 2022 Scoping Plan, are not required by statutory or gubernatorial direction, and are not binding, but contain guidance and information regarding actions that other jurisdictions may choose to take that complement the 2022 Scoping Plan measures. However, 2022 Scoping Plan Appendix D, Local Actions, identifies local government actions that are crucial for assisting California to attain the state's climate goals. Within 2022 Scoping Plan Appendix D, CARB identifies the following as priority areas for local jurisdictions to focus on: transportation electrification, vehicle miles traveled reduction, and building decarbonization. The appendix also contains recommendations for setting local GHG emission reduction targets in local climate action plans, and methodologies for evaluating plan-level and project-level consistency with the state's climate goals in a CEQA-required GHG analysis. The first recommended methodology consists of evaluating the attributes of the plan or project to determine consistency with the Scoping Plan, using the attributes identified in Table 3.5-1.

Table 3.5-1 2022 Scoping Plan Appendix D – Key Residential and Mixed-Use Project Attributes that Reduce GHGs

Priority Area	Key Project Attribute
Transportation Electrification	Provides EV charging infrastructure that, at minimum, meets the most ambitious voluntary standard in the California Green Building Standards Code at the time of project approval
VMT Reduction	Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer)
	Does not result in the loss or conversion of natural and working lands
	Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre), or Is in proximity to existing transit stops (within a half mile), or Satisfies more detailed and stringent criteria specified in the region's SCS
	Reduces parking requirements by: – Eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet); or – Providing residential parking supply at a ratio of less than one parking space per dwelling unit; or – For multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit.
	At least 20 percent of units included are affordable to lower-income residents
	Results in no net loss of existing affordable units
Building Decarbonization	Uses all-electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking

Source: CARB 2022b

Notes: Per the 2022 Scoping Plan, recommendations in Appendix D focus primarily on climate action plans and local authority over new residential development. It does not address other land use types (e.g., industrial) or air permitting.

Refrigerants

As part of the California Global Warming Solutions Act of 2006 (AB 32) the CARB adopted a regulation in 2009 creating the Refrigerant Management Program to reduce GHG emissions from stationary sources through refrigerant leak detection and monitoring, leak repair, system retirement and retrofitting, reporting and recordkeeping, and proper refrigerant cylinder use, sale, and disposal.

California's Significant New Alternatives Policy, founded on SB 1013 and the CARB's hydrofluorocarbon (HFC) regulations specify prohibitions on use of certain HFCs in air conditioning equipment, chillers, cold storage, and

other end-use refrigerated systems. CARB's current HFC regulations include global warming limits for refrigerants in new refrigeration and air conditioning equipment.

Starting in 2022, the Refrigerant Management Program requires facilities with refrigeration systems containing more than 50 pounds of high-GWP refrigerant to conduct and report periodic leak inspections, promptly repair leaks; and keep service records on site. Additionally, newly adopted regulations by CARB require new stationary refrigeration installations and cold storage warehouses to use refrigerants with a GWP of 150 or less. According to the CARB, the 150-GWP cap is expected to cut emissions reduction per facility by more than 90 percent.

California Coastal Act

The following policies of the California Coastal Act regulate air pollution which may contain GHGs.

> ***Section 30253. New Development shall:***
>
> *Be consistent with requirements imposed by an air pollution control district or the State Air Resources Control Board as to each particular development.*

Regional and Local

The entire study area is subject to and regulated by the North Coast Unified Air Quality Management District (NCUAQMD). The study area is within the City, with the western portion of the study area within the Coastal Zone. Therefore, this section includes City of Arcata General Plan and the City's Local Coastal Program policies.

North Coast Unified Air Quality Management District

The NCUAQMD is a regional environmental regulatory agency with jurisdiction over Humboldt County. The NCUAQMD enforces local, state, and federal air quality regulations and air quality permits. In 2011, NCUAQMD adopted Rule 111 (Federal Permitting Requirements for Sources of Greenhouse Gases) into the District rules and thus established a threshold above which New Source Review and federal Title V permitting applies. Rule 111 also established federally enforceable limits on GHG emissions for stationary sources. This Project does not include any new stationary sources; therefore, Rule 111 would not apply.

The NCUAQMD has not adopted regulations regarding the evaluation of GHG emissions in a CEQA document, or established CEQA significance criteria specific to evaluating the effects of project related GHG emissions.

RePower Humboldt – The Redwood Coast Energy Authority's Comprehensive Action Plan for Energy

The Redwood Coast Energy Authority (RCEA) is a Joint Powers Authority and Community Choice Aggregator recognized by Humboldt County as the regional energy authority and tasked with countywide strategic energy planning implementation, and education.

RCEA's 2019 Update to the Comprehensive Action Plan for Energy (also called "RePower Humboldt") is an action plan to develop and implement sustainable energy initiatives in the county. RCEA will address Humboldt County's supply-side energy needs through its existing Community Choice Energy program and development of new programs and initiatives. RePower Humboldt includes the following goals (RCEA 2019):

- By 2025 100 percent of RCEA's power mix will be from a combination of state-designated renewable energy sources—solar, wind, biomass, small hydroelectric, and geothermal—and state-designated net-zero-carbon-emission existing large hydroelectric facilities.
- By 2030 Humboldt County will be a net exporter of renewable electricity and RCEA's power mix will consist of 100 percent net-zero-carbon-emission renewable sources.

Humboldt Regional Draft Climate Action Plan

Humboldt County is working on preparing a multi-jurisdictional Climate Action Plan (CAP) with all jurisdictions within the county; however, the county does not have an adopted CAP. An updated draft Regional CAP was released for public review on April 7, 2022.

The baseline inventory for the region, including the City, is 2015. As detailed within the Draft Regional CAP, emissions sources loosely follow population within the county, with unincorporated Humboldt County generating approximately 61 percent of the regional GHG emission, followed by the cities of Eureka (18 percent) and Arcata (12 percent) (Humboldt 2022). The Draft Regional CAP states that a key outcome of the plan is:

> *… to reduce greenhouse gas emissions to 40% below 1990 levels* [by 2030] *consistent with statewide targets. Achieving this goal will improve the chances our region can meet the state's longer term goal to become carbon neutral by 2045.*

Redwood Coast Energy Authority

RCEA's 2019 Update to the Comprehensive Action Plan for Energy ("RePower Humboldt") is an action plan to develop and implement sustainable energy initiatives in the county. RCEA will address Humboldt County's supply-side energy needs through its existing Community Choice Energy program and development of new programs and initiatives. RePower Humboldt includes the following goals (RCEA 2019):

– By 2025 100 percent of RCEA's power mix will be from a combination of state-designated renewable energy sources—solar, wind, biomass, small hydroelectric, and geothermal—and state-designated net-zero-carbon-emission existing large hydroelectric facilities.
– By 2030 Humboldt County will be a net exporter of renewable electricity and RCEA's power mix will consist of 100 percent net-zero-carbon-emission renewable sources.

According to the RCEA's reported 2021 Power Content Label, 33 percent of energy delivered under their 'RePower' program in 2021 was from eligible renewable resources, and another 10.5 percent from large hydroelectric facilities. For the RCEA's 'RePower+' program, 100 percent of energy delivered in 2021 was generated by eligible renewable resources. The RCEA currently anticipates achieving their 2025 and 2030 energy goals (RCEA 2023).

City of Arcata Community Greenhouse Gas Reduction Plan

The City developed a Community Greenhouse Gas Reduction Plan in 2006 which set a GHG emissions target of 20 percent below 2000 GHG levels by 2010. The plan was developed in part by analyzing an inventory of community-wide GHG emissions that was conducted in 2000. Since the Arcata Community Greenhouse Gas Reduction Plan was adopted in 2006 and is based on GHG inventories using outdated methodologies, it does not contain reduction goals that are consistent with the goals set forth in AB 32 and SB 32. Additionally, the plan's emission reduction goals and planning were not extended to years beyond 2020. As such, the plan does not provide CEQA review streamlining benefits for development projects within the City and is not relevant to projects in the City.

As of early 2019, the City's efforts towards creation of a Greenhouse Gas Reduction Plan would be put towards a Regional CAP, which is currently under development. An updated community GHG inventory was prepared for baseline year 2015 by the RCEA.

City of Arcata General Plan 2020

The following policies from the General Plan 2020 regulates GHGs, also see Section 3.3 (Air Quality) for additional policies that regulate air quality:

> ***RC-8: Energy Resources Management***
>
> ***Objective.*** *Reduce the net emissions of greenhouse gases from Arcata; reduce other negative impacts of energy production and use including risks from nuclear power, air emissions, fuel spills, and wildlife and habitat destruction; reduce energy costs to the city and its residents, and increase the percent of energy purchases from sources within our region; increase the city's and nation's energy security and reduce our vulnerability to changes in energy availability and price; increase public awareness of energy issues and encourage and energy conservation ethic; monitor the cost and effectiveness of Arcata's actions so we and others can learn from them; and implement Arcata's Advisory Proposition B.*

- ***RC-8a: Encouragement of appropriate energy alternatives.*** *In making energy purchases, the City shall consider how suppliers meet the objectives of this policy. The City shall choose suppliers that provide good tradeoffs among these objectives, giving due consideration to investment in energy conservation as an alternative use of energy funds.*

  In addition, the City shall attempt to purchase at least 10% of its electrical energy (in energy units, not cost) from renewable sources within Humboldt County by the year 2020.

  The City shall take measures to encourage the availability to, and use by, residents of energy suppliers that best meet the objectives of this policy. The City shall convert City vehicle fleets to a mix of fuels that best meets the objectives of this policy.
- ***RC-8b: Encouragement of energy efficiency and conservation.*** *The City shall coordinate with energy suppliers and agencies to educate residents, property owners, and business operators about the need for and benefits of conserving energy. The City shall maintain and distribute current information about building insulation; energy efficient appliances, lighting, and heating; other conservation measures and materials; and home power alternatives.*

  The City shall continuously seek and implement cost-effective steps to reduce City energy use. The City shall attempt to reduce the City's total consumption of purchased energy by at least 20% (in energy units, not cost) by the year 2010.

  The City shall adopt the goals of the national "Energy Star Program" (or its successor programs) for all City construction projects and all construction projects assisted by grants for which the City is an applicant. These goals include achieving a minimum of 15% greater energy efficiency than would a building designed with existing Title 24 standards.

  Explore and, if appropriate, adopt energy efficiency standards for existing residential and commercial buildings upon substantial remodel. Consider requiring energy efficiency inspections, disclosure, and retrofits at change of ownership based on cost-effective and commercially available energy efficiency measures.
- ***RC-8c: Promotion of energy efficiency in transportation.*** *The City shall give strong consideration to energy conservation and the goals of this policy in all transportation and traffic management decisions. It is City policy to reduce the need for motor vehicle trips within the city and between the city and other destinations, and to reduce per-trip energy consumption; this policy applies to trips by residents, non-residents, and city staff. Such measures as bike and pedestrian paths, public transportation, parking and traffic management, and encouraging use of alternative-fueled vehicles shall be used to make these reductions.*
- ***RC-8d: Restoration for Greenhouse Gases Absorption.*** *Foster and restore forests and other terrestrial ecosystems that offer significant carbon mitigation potential.*

Advisory Proposition B (approved by Arcata Voters April 8, 1980)

"In accordance with America's renewed determination to be energy self reliant, be it resolved that the citizens of Arcata and their City government are committed to the enactment of conscientious energy conservation measures and the accelerated development and active promotion of safe and economical alternative renewable energy sources for our community.

Be it further resolved that the City government of Arcata support complete independence from nuclear power including the permanent closure of the Humboldt Bay nuclear power plant and its replacement by safe, clean and efficient generating sources more compatible with the resources and health and safety of the Northcoast, such as conservation, solar power and generation from wood waste."

Applicable sub-policies:

- ***RC-8d: Restoration for Greenhouse Gases Absorption.*** *Foster and restore forests and other terrestrial ecosystems that offer significant carbon mitigation potential.*

City of Arcata Local Coastal Program

There are no applicable policies in the City of Arcata Local Coastal Program that address GHG emissions.

Proposed City of Arcata General Plan 2045

The General Plan 2045 contains the following policies that may contribute to reducing impacts to energy resources.

Policy AQ-1: Point and Area Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from stationary point sources of air pollution (e.g., equipment at commercial and industrial facilities), and stationary area sources (e.g., wood-burning fireplaces and gas-powered lawn mowers), which cumulatively emit large quantities of emissions.*

- ***AQ-1a Reduce emissions from stationary point sources: commercial and industrial.*** *Coordinate with energy providers to develop incentive programs encouraging the use of less polluting, energy efficient designs and equipment in commercial and manufacturing uses. Encourage commercial and industrial uses to self-enforce emissions reductions by maintaining and repairing equipment, correcting leaks, installing control devices, and minimizing accidental releases. Coordinate with the District to establish buffer zones between point sources and the public, particularly sensitive receptors such as schools, hospitals, and convalescent facilities.*
- ***AQ-1b Reduce emissions from stationary area sources: residential, commercial, and industrial****. Limit wood-burning fireplace installations in new construction to low -emitting, State and EPA certified fireplace inserts or woodstoves, pellet stoves, or natural gas fireplaces. New construction retrofits must comply with energy efficient construction codes to reduce energy consumption including high-efficiency windows, water heaters, and furnaces. Prohibit Woodburning and Gas Hearths and Fireplaces in New Residential Development.*
- ***AQ-1c Coordination between the District and Arcata Fire Protection District****. The City will encourage Arcata Fire Protection District officials to coordinate with the District to develop procedures for identifying, monitoring, and informing the public of high pollutant incidents related to fires and accidental or intentional releases of toxic or unknown materials. Coordination should encompass current air quality levels, meteorological conditions (stagnant air), prevailing wind directions, location of nearby sensitive receptors, potentially affected land uses, and types of potential toxic materials. Coordination and required permits are particularly important during the planning and implementation of controlled burns.*
- ***AQ-1d Review of development projects for emissions reductions****. Evaluate new construction plans to reduce point and area sources of pollution. Consult with the District during the environmental review process to ensure that:*
    1. *Air quality impacts of development projects are assessed using analytical methods and significance criteria for emission rates approved by the District.*
    2. *Air quality mitigation is feasible, workable, monitorable, and cost effective.*
    3. *Impacts of projects that may be individually insignificant, but cumulatively significant are minimized or mitigated.*
    4. *Innovative measures are incorporated into the project design to reduce air quality impacts.*
    5. *The City shall require air filtrations systems at new sensitive receptor buildings to be designed and constructed with air filters rated at a minimum efficiency reporting value (MERV) 13 or higher.*
    6. *Encourage the District to enforce these measures and their related policies.*

Policy AQ-2: Mobile Sources of Air Pollutants

Objective*. Improve air quality by reducing emissions from transportation sources, particularly motor vehicles, and other mobile sources. Reduce vehicle miles of travel and encourage shifts to alternative modes of travel.*

- ***AQ-2a Implement land use measures to reduce vehicle trips, miles traveled, and air pollutant emissions****. Implement or encourage the land use and development measures which reduce motor vehicle travel as outlined in the Transportation Element. These measures are also effective in reducing mobile sources of air pollutants.*

- ***AQ-2b Implement transportation measures to reduce vehicle trips, miles traveled, and air pollutant emissions****. Implement or encourage the following measures to reduce vehicle miles traveled and provide alternatives to the single occupant motor vehicle, as outlined in the Transportation Element.*
  1. *Provide as direct and safe a travel route as possible for all travel modes.*
  2. *Implement and support public education programs explaining the negative impacts of single occupant vehicle use, and encourage the development of employer-based measures to reduce employee automobile travel.*
  3. *Require A&MRTS and encourage other fleet operators to convert vehicles to run on less polluting alternative fuels at the earliest feasible time (See Policy RC-8a).*
- ***AQ-2c Reduce or minimize the creation of "hot spots" or localized places of concentrated automobile emissions****. Implement or encourage the following measures to reduce hot spots, which occur where groups of vehicles are required to idle (e.g., at congested intersections, driveways and drive-through facilities).*
  1. *Minimize the delay and congestion at unsignalized and signalized intersections to reduce*
  2. *emissions from idling vehicles. Attempt to achieve this through reducing automobile travel, minor capacity improvements, or fine-tuning of intersection operations. Discourage major capacity improvements at intersections, minimize new signalized intersections, or any other improvement which discourages walking, bicycling, or transit use.*
  3. *Minimize or restrict land uses with drive-through facilities located in areas of concentrated traffic*
  4. *or near congested intersections.*
  5. *Construction of projects with large parking lots or high volume driveways shall identify traffic*
  6. *impacts and provide evidence that project design will optimize internal circulation and minimize delay. Ensure that mitigation measures balance the needs of automobiles, pedestrians, bicyclists, and transit riders.*
- ***AQ-2d Design Arcata's highest traveled arterials to minimize stopping****. Recognize that automobiles are most efficient and less polluting at constant, moderate speeds between 25 and 35 miles per hour. Minimize idling delay, excessive congestion, and excessive speeds with the following measures:*
  1. *Encourage Caltrans to coordinate traffic signals on Samoa Boulevard to maximize progression.*
  2. *Eliminate traffic bottlenecks with traffic flow improvements (such as re-allocating turning lanes, or converting all-way stop control to roundabouts or two-way stop control), without impacting the safety of pedestrians, bicyclists, or transit facilities.*
  3. *Review access plans for commercial driveways to ensure designs minimize idling vehicles and concentrations of traffic. For larger projects require multiple driveways rather than single driveways and consider turn restrictions where delays to existing driveways could be significant.*
  4. *Encourage and support law enforcement's efforts to expeditiously manage traffic incidents.*
- ***AQ-2e Recognize that poor air quality is caused by the combination of high pollutant emissions and meteorological conditions that do not allow for dispersal of pollutants.*** *The City shall coordinate a joint effort with the District to minimize the impact of high pollutant incidents and notify the public about meteorological conditions that contribute to poor air quality. The joint effort shall include employing the following measures:*
  1. *Implement added air pollution control measures during predictable meteorological events of stagnant air. Inform the public of high pollutant incidents and encourage measures which minimize impacts, such as limiting use of wood-burning fireplaces, gas powered equipment, and avoiding non-essential vehicle travel.*
  2. *Promote and encourage employer-based and project-based Transportation Demand Measures (such as subsidized bus fare, flexible work hours, indoor bike storage, and incentives to carpool) to reduce automobile travel, particularly during periods of poor air quality.*
  3. *Support and encourage local industrial and commercial efforts to reduce emissions and particulate pollution from industrial plants and trucks, particularly during periods of poor air quality.*

4. *Require traffic and construction site dust control measures at construction projects. Require measures which reduce emissions from construction activity and maximize efficiency of traffic flow during inversion conditions.*

- ***AQ-2f Enforce air quality control measures and monitoring at construction sites**. Construction emissions shall be controlled because, although they are temporary in nature, they can often be the greatest air quality impact of a project. Require the dust and erosion control measures for construction activities.*
- ***AQ-2g Enforce air quality control measures and monitoring for agricultural operations.** Air emissions from agricultural operations, including field burning, airborne soils, and over-spray from herbicide applications, shall be controlled and monitored through air quality standards, as well as adherence to the Land Use Code.*

Policy AQ-3: Regional Air Quality Standards, Monitoring, and Education

***Objective**. Participate in regional efforts to improve and monitor air quality and meet air quality goals, coordinate transportation and land use development planning with the North Coast Unified Air Quality Management District, and educate the public.*

- ***AQ-3a Air quality standards and monitoring.** Identify potential emission sources of airborne toxins from mobile and stationary sources. This may be in coordination with the California Air Resource Board and the District, as appropriate. Enforce rigid high standards to restrict fumes, smoke, dust, or other environmental pollutants from stationary sources of pollution.*
- ***AQ-3b Develop and distribute material to educate the public on air quality issues**. Work with Humboldt State University, the California Air Resources Board, and the District to develop educational material regarding air quality, impact of air quality on people, plants and animals, and what citizens can do to improve air quality. The City will make this information available.*
- ***AQ-3c Cooperation in enforcement activities and programs**. Cooperate with the District in implementing and enforcing the district's rules and programs. Consider joint implementation of programs between the City and the district such as:*
  1. *A voluntary wood-burning-devices dryness certification program.*
  2. *Free cordwood moisture checks.*
  3. *Brochures on wood burning.*
  4. *Conversion of conventional wood burning devices to EPA certified devices.*
  5. *Use of district non-compliance funds for low-cost replacements.*
  6. *Develop land use ordinances and guidelines for new residential development to limit wood burning devices. Use District strategies to identify improper wood burning device use, improperly dried fuel, and faulty equipment, and provide education to violators or take enforcement action.*
- ***AQ-3d Indoor air pollution.** Factors such as sealed building interiors, inadequate ventilation, non-openable windows, and use of building materials that release toxic substances contribute to indoor air pollution. To maximize indoor air quality, the installation of openable windows and adequate ventilation systems, the use of pollution-reducing houseplants, as well as the selection of non-toxic building materials and interior finishes, is encouraged in all new buildings and in the retrofitting of existing buildings.*
- ***AQ-3e Greenhouse gas reduction.** Many of the chemicals of concern for air quality are also greenhouse gases. The City shall work locally and regionally to develop plans and programs to reduce or reverse greenhouse gas emissions to meet State and Federal greenhouse gas reduction goals.*

Policy AQ-4: Odor

***Objective.** Minimize public exposure to noxious odors from industrial, manufacturing, processing, and food and beverage production operations.*

- ***AQ-4a Odor controls**. Identify potential sources of noxious odors and regulate those sources to avoid adverse effects on adjacent sensitive receptors. Noxious odors are defined as foul smelling airborne emissions that are sufficiently concentrated to cause physical discomfort to those inhabiting adjacent*

areas. Regulations imposed to reduce effects of these odors shall include limiting hours for odor emissions, periodic monitoring, and filtering to reduce concentrations.

Policy PF1-1: Water Supply And Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies.*

- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation and shall remain in compliance with Humboldt Bay Municipal Water District policy regarding its Five-Stage Water Rationing System. Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices.*

  Water rates will continue to be higher for consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. Building and site development permits that require connections to the City's water system shall incorporate water conservation design features and best management practices.

  The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.

  In response to water shortages, the City will work cooperatively with the regional water supplier and the supplier's other municipal customers to implement an effective water shortage contingency plan that defines response actions based on the severity of the water shortage. End use prohibitions shall be determined based on current conditions, recommendations of a regional task force, and historic water use data and trends, and will be considered for mandatory penalties, charges and other escalating enforcement actions including education and outreach, issuing a verbal/written warning, penalty assessment, and water service termination. The City may consider imposing sharply graduated excessive use rates and/or excessive use fines, additional forms of water rationing, warnings, and physical flow restrictions to water users who fail to respond to less severe sanctions.
- ***PF-5f: Energy conservation and decarbonization of City facilities****. Continue reducing City facility energy consumption, including conservation and weatherization measures exceeding building code standards, electric only appliances/ HVAC/ water heating systems and renewable energy sources. Consider Greenhouse Gas Reduction measures in all new facility, renovations, site design and connectivity decisions. Develop and implement City practices to increase electrification equity and affordability for all residents.*

Policy PF-6: Integrated Waste Management

Objective*. Reduce solid waste generation at the source; maximize re-use and repair of appropriate items and material; promote composting and recycling; and properly transport non-recyclable solid waste to approved disposal sites. Coordinate with regional bodies to develop effective regional solid waste management systems. Ensure new development is adequately sited and designed, including adequate physical space for solid waste bins.*

- ***PF-6a: Source reduction.*** *Source reduction and materials re-use are the most cost-effective ways to minimize solid waste. Source reduction, or waste prevention, reduces the growing costs of collection, recycling, and disposal systems. Source reduction and re-use shall be promoted through educational programs and incentives. Examples of effective source reduction and re-use activities that shall be promoted are:*
  1. *Backyard composting, landscaping with low water needs, and grass mulching.*
  2. *Purchasing durable re-usable goods instead of disposable items (e.g., cloth diapers, rechargeable batteries).*
  3. *Repairing equipment and appliances.*
  4. *Purchasing goods from second-hand stores, flea-markets and swap meets.*
  5. *Reducing the use of packaging by buying in bulk or purchasing fresh food at farmers markets.*

6. *Moving away from using paper copies for as much City business as possible by working with electronic mail, forms, and agendas, and re-using of scrap paper if possible, if copying is necessary.*
7. *Reusable coffee cups and beverages provided in dispensers.*
8. *Termination of unwanted mail.*
9. *Incentives such as on-call garbage collection and differential solid waste fees shall be used to encourage source reduction.*

- ***PF-6b: Recycling.*** *The City's recycling program shall continue and expand, unless a more efficient and cost-effective method of collecting and reusing materials is identified. The City shall continue to contract for recycling, collection, and processing, in order to help meet and exceed the State diversion goal. The following programs shall also be promoted:*

  1. *Collection of commercial corrugated cardboard.*
  2. *Collection of office paper.*
  3. *Collection of organic waste.*
  4. *City procurement policies and practices reflecting State requirements for purchasing recycled content paper products.*
  5. *Implementation of density bonuses for buildings designed to promote recycling.*
  6. *The City's active involvement in the Humboldt County Recycling Market Development Zone.*
  7. *Public education to "close the loop" and buy locally-made products with recycled content.*
  8. *Public education on recycling that includes self-haul services for recyclable materials not collected curbside.*
  9. *Support for the development and expansion of recycling-based manufacturing.*

  In order to minimize increases in solid waste volumes and maximize the amount of material returned to productive use, the City shall continue these programs with a target of reducing landfill volumes as specified in the Zero Waste Action Plan.

Policy RC-8: Energy Resources Management

Objective. *Reduce energy use through conservation and efficiency practices, reduce energy costs to the city and its residents, and increase the percent of energy purchases from renewable sources; increase energy security and reduce our vulnerability to outages and increased price; increase public awareness of energy issues and encourage an energy conservation ethic.*

The City will actively participate in Redwood Coast Energy Authority's primary guiding document the Humboldt County Comprehensive Action Plan for Energy (CAPE) and RePower Humboldt, a community-wide effort to define a vision and Strategic Plan for achieving energy independence and energy security in Humboldt County.

- ***RC-8a: Encouragement of appropriate energy alternatives.*** *The City will participate in Redwood Coast Energy Authority's Community Choice Energy (CCE) program, supporting renewable energy purchases over non-renewable sources.*
- ***RC-8b: Encouragement of energy efficiency and conservation.*** *The City shall disseminate Redwood Coast Energy Authority information to educate residents, property owners, and business operators about the need for and benefits of conserving energy. This includes information about building insulation; energy efficient appliances, lighting, and heating; other conservation measures and materials; and home power alternatives.*

  The City shall continuously seek and implement cost-effective steps to reduce City energy use. The City shall adopt national "Energy Star Program" goals (or its successor programs) for all City construction projects and all construction projects assisted by grants for which the City is an applicant. These goals include achieving a minimum of 15% greater energy efficiency than would a building designed with existing Title 24 standards.

  Explore and, if appropriate, adopt energy efficiency standards for existing residential and commercial buildings upon substantial remodel. Consider requiring energy efficiency inspections, disclosure, and

retrofits at change of ownership based on cost-effective and commercially available energy efficiency measures.

- ***RC-8c: Promotion of energy efficiency in transportation.*** *Reduce motor vehicle trips within the city and between the city and other destinations, and reduce per-trip energy consumption; this policy applies to trips by residents, non-residents, and city staff. Such measures as bike and pedestrian paths, public transportation, shared parking, and alternative-fueled vehicles shall be used to make these reductions.*
- ***RC-8d: Restoration for Greenhouse Gases Absorption.*** *Foster and restore forests and other terrestrial ecosystems that offer significant carbon mitigation potential, consistent with the Humboldt County Climate Action Plan.*
- ***RC-8e: City Electrification Ordinance.*** *Prepare and pass an 'all electric' Ordinance that phases out natural gas infrastructure and use.*

Policy PS-8: Climate and Resiliency

Objective. *The City will continue to support and monitor research about the nature of all hazards in Arcata, including research on prediction and warning systems, community vulnerability and consequences assessments, and improvements to building performance and resilience. The City will continue to pursue efforts that minimize Arcata's contribution to climate change by reducing greenhouse gas emissions and protecting people, the built environment, and the natural environment from the impacts of climate change.*

- ***PS-8a: Land Use and Urban Development.*** *Compact urban development has co-beneficial climatic effects, including reducing greenhouse gases, preserving habitats, producing healthy vibrant communities, and facilitating opportunities for environmental justice. The City shall support land use policies and activities that promote compact, climate-friendly design, such as infill development, densification, and regenerative building design. City projects and private developments shall be designed to consider multi-benefit solutions that mitigate hazard risk and support the City's climate goals.*

  Urban design and development will be informed by the latest climate science to determine how to best protect and modify existing public and private infrastructure and assets and how to design new infrastructure and assets. Urban design and development should also take environmental justice considerations into account, working to eliminate disparities and burdens related to all hazards and the climate crisis for all Arcatans.
- ***PS-8b: Greenhouse Gas Reduction.*** *City actions shall reduce local contributions towards climate change by mitigating greenhouse gases and increasing carbon sequestration. The City shall update relevant plans and policies periodically to meet State and local climate goals.*
  1. *Encourage reduction in greenhouse gas emissions, by providing alternatives to use of gas-powered vehicles. Such alternatives include public transit, alternatively fueled vehicles, bicycle and pedestrian routes, and bicycle- and pedestrian-friendly development design.*
  2. *Encourage and facilitate investments in renewable energy and green technology.*
  3. *Prioritize nature-based solutions that restore ecosystem function and maximize ecological benefits to plants, animals, and people.*
- ***PS-8c: Regional Collaboration.*** *The City shall continue to participate in regional multi-agency efforts to coordinate climate mitigation and adaptation and ensure Arcata becomes more resilient to the threats of climate change.*

Policy D-1: Overall Community Design

Objective. *Maintain community diversity and quality in the built environment; with structures and other physical features harmonious with their neighborhood context; and with a physical and visual transition between urban area and the surrounding open space lands.*

- ***D-1e: Promote energy efficiency and solar access.*** *Site and building design shall emphasize energy efficiency, solar orientation and consider shading of adjacent structures, balancing development needs with solar access.*

- ***D-1k: Pedestrian Priority and Accessibility in Streetscape Design.*** *Ensure that streetscape design and improvements prioritize pedestrian circulation that promote walkability and support a car-free lifestyle and accessibility for all ambulatory modes and abilities. Require new development to consider the needs of a diverse range of abilities; for example, position obstructions to path-of-travel to the curb line or other less obtrusive locations wherever feasible.*
- ***D-1g: Provide for bicycles, pedestrians, and transit in design****. Design shall incorporate provisions for bicycle and pedestrian circulation, and transit. Facilities should be located and designed so that these alternative travel modes are fully interconnected.*
- ***D-8n. Incentivize Mixed Use as a Community Amenity.*** *Incentivize mixed-use projects that have a ground-floor nonresidential (retail, office, light industrial, or other job-creation component) through the Gateway Area community benefit program where not otherwise required by the form-based code.*

Policy D-2: Downtown (Central – Commercial) Design

Objective. *Maintain and continue to develop a built environment which: accentuates the Plaza and surrounding downtown as the commercial and cultural hub of the City, consider historical building and site features, integrates bicycle and pedestrian facilities, and incorporates appropriate trees and other "landscape" elements.*

- ***D-2d: Street trees.*** *The City shall maintain a street trees program with the following components:*
  1. *Identification of streets where trees may be installed.*
  2. *Siting standards, either in wells located between on-street parallel parking areas, in cutouts within the sidewalk where the sidewalk is of sufficient width (7 feet or more), or in containers where the preceding locations are not workable.*

Policy D-8: Community Benefits Program

Objective: *Ensure new development benefits the community generally while streamlining approval and accountability in the development planning process.*

- ***D-8j: Incentivize Active and Alternative Transportation as a Community Amenity.*** *Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide on-site active and alternative transportation amenities, such as car share/bike share, free electric vehicle charging stations, employee showers, on-site covered and secure indoor bike parking, bus passes for residents and/or employees, dedication of parcel frontage to transportation uses, charging stations for e-bikes, shared parking, and related amenities that stimulate non- motorized and zero-carbon transportation options above and beyond current requirements of state law.*
- ***D-8k: Sustainable and Green Buildings as a Community Amenity.*** *Through the Gateway Area community benefit program, allow increased development intensity and simplified development processes for projects that provide designated levels of sustainable and green building features.*
- ***D-8l: Incentivize Energy Efficiency and Electrification as Community Amenities.*** *Through the community benefit program, allow increased development intensity and simplified development processes for projects that exceed Title 24 and other State or local energy efficiency requirements and all new construction to be electric only, with limited commercial cooking exceptions.*

Policy CM-1: Balanced Transportation System with Choice of Modes

Objective. *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as private automobile modes. Reduce the percentage of trips that are made by automobile and provide the opportunity and facilities to divert trips from automobiles to other modes. In planning for improvements to the overall circulation system, design the system to accommodate the planned amount of growth outlined in other policies. Ensure the circulation system supports a functioning, safe, sustainable multi-modal network. Support increased demands for all efficient forms of mobility emphasizing alternative modes pedestrians, bicycles, and other non-motorized or shared transit options, then vehicles, and trucks, in an effort to induce demand of multimodal transit alternatives and implement transportation demand management strategies, in keeping with citywide Circulation Element policies.*

- ***CM-1a: Complete Streets.*** *The City shall direct the design, construction, reconstruction, repair and maintenance efforts on the City's streets, bridges, pathways, and sidewalks, creating a comprehensive, integrated transportation network that is safe, accessible, comfortable, accommodating, and welcoming to users of all ages, races, ethnicities, incomes, and physical abilities, and all modes of transportation, particularly those walking, rolling, biking, and using transit, and in doing so the City shall apply a Complete Streets framework in all applicable and feasible transportation projects to allow the safe, comfortable, convenient and accessible use of streets for all street users. Throughout the City, design sidewalks and street crossings for maximum accessibility. Accessibility features may include but are not limited to widening sidewalks, requiring high-visibility/striped crosswalks, installing bulb-outs, pedestrian activated crossing signals, and aligning ramps with path-of-travel. Where the urban grid pattern is interrupted or incomplete, evaluate opportunities to continue the circulation block patterns with new connections that consist of entirely non-vehicular active transportation facilities.*
- ***CM-1b: Investment in alternative modes****. In order to provide a realistic and cost-effective balance between travel modes, the City shall emphasize investment in alternative modes (bikeways, etc.) as a priority over increasing vehicular capacities of streets.*
- ***CM-1c: Interconnections and transfers between travel modes.*** *The City shall provide and maintain a Transit Center to facilitate interconnection and transfers between bus routes and systems. As funding permits, Transit Center facilities shall be improved to encourage its use as a multi-modal transfer point. Pedestrian and bicycle amenities shall be provided at other locations which serve as modal transfer points such as bus stops and park-and-ride lots.*
- ***CM-1d: Intercity travel.*** *The City shall coordinate with Humboldt County and Caltrans to provide adequate facilities for vehicles, buses, and bicycles to serve intercity demand. Joint efforts may include transportation improvements outside of Arcata which serve intercity travel, such as bicycle links, timed-transfer bus stops, park-and-ride lots, and regional transit service and development of park-and-ride lots in Arcata to reduce intercity vehicular travel.*
- ***CM-1i: Balanced Transportation System.*** *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as car sharing and private automobile modes. Reduce the percentage of trips that are made by automobile and provide the opportunity, incentives, and facilities to divert trips from automobiles to other modes. Provide negative incentives, such as parking meters, permit parking, time limited parking, carpool incentives, and other targeted parking measures that encourage alternative modes utilizing "induced demand" strategies.*
- ***CM-1j: Mobility Infrastructure that Supports Car-free Lifestyle.*** *Plan and implement the mobility and circulation infrastructure to support a car-free lifestyle, increase pedestrian safety, reduce greenhouse gas emissions, and minimize vehicle miles traveled.*

Policy CM-2: Travel Demand Management

Objective. *Reduce the percentage of automobiles and reduce the annual vehicle-miles of travel.*

- ***CM-2a: Land use development patterns.*** *The City encourages and supports travel demand management efforts. The City shall promote land use and development patterns that encourage walking, bicycling and transit use. In recognition of the link between land use and transportation, the land use plan shall discourage low density, homogenous land-use patterns that foster automobile travel and are impractical to serve with transit. Land use planning shall emphasize high density and mixed land- use patterns which translate into higher transit and pedestrian travel in the downtown and neighborhood commercial areas. Infill, redevelopment, and reuse of underutilized property at higher densities shall be encouraged prior to outward expansion of City boundaries. The following land use measures are emphasized:*
  1. *Mixed-use neighborhood centers within transit corridors which include housing and commercial services near employment.*
  2. *Land use patterns which maximize linking trip opportunities by assembling uses, thus allowing people to take care of a variety of daily needs with a single trip.*
  3. *Clustering of higher density housing and incorporation of residential units on upper floors of commercial buildings.*
  4. *Integration of new housing into neighborhood shopping centers, including Sunny Brae, Westwood,*

and Valley West.

5. *Pedestrian-oriented land use and urban design, including the following elements:*
    a. *Pedestrian-scale block patterns.*
    b. *Incorporate pedestrian and bicycle amenities into public and private projects.*
    c. *Design streets for multi-modal use.*
    d. *Integrate transit stop facilities into public and private projects.*
    e. *Orient buildings and houses to the street.*
    f. *Provide attractively landscaped streets and buffers.*
    g. *Preserve existing and historic urban fabric.*
    h. *Eliminate blank wall facades.*
    i. *Incorporate bicycle routes and enhancements in public and private projects.*
6. *A fixed urban services boundary to reduce sprawl and infrastructure costs.*
7. *Focused growth along existing or planned transit corridors rather than extension of transit to serve new isolated development.*
8. *Prevention of large areas of single uses. Isolated single-use developments at the edge of the City could encourage automobile travel for commuting and errands.*
9. *Provision of convenience retail and services in ground floor space in the downtown to accommodate the needs of employees and reduce the need for mid-day automobile trips.*
10. *Adopt and maintain zoning regulations that allow for a mix of land uses in order to reduce vehicle trips and the overall need for automobile use.*

- ***CM-2b: Consider Non-motorized Campus Layouts****. For areas that have incomplete block patterns and/or are currently lacking in vehicular roadways (such as the Barrel District), consider providing limited to no new facilities for motorized vehicles. Instead, consider creating a campus layout with vehicular access on the perimeter and robust non-motorized facilities throughout the interior. Plan for the infrastructure that would be required for these areas to serve as key park and ride/transit hubs. Where new vehicular roadways are constructed within currently roadless areas (such as the Barrel District), provide for a wide right-of-way whose cross section includes ample on-street parking, narrow vehicle lanes, bike lanes, sidewalks in excess of six feet, street trees, and enhanced pedestrian crossings at least every 300 feet.*

Policy CM-3: Bus Transit Policy

Objective: *Maintain a bus transit system which connects and serves major commercial and employment areas within Arcata, Cal Poly Humboldt, public schools, and higher density residential areas. Increase average citywide transit mode share of daily person trips to 12% from the 2020 level of 3%.*

- ***CM-3b: Regional transit service.*** *Short- and long-range transit plans shall be coordinated with the regional transit service provided by the Redwood Transit System. The City supports regional transit plans which improve service and timed transfers, and reduce headways for intercity travel. In the interest of enhanced coordination and efficiency for local and regional service, the City shall continually evaluate alternatives to existing services including potential mergers with the Humboldt Transit Authority or other service providers.*
- ***CM-3c: Bus route system****. Public transportation is both a civil right and a critical climate solution, and should be designed to provide service competitive with automobile travel in terms of access, convenience and comfort. Potential improvements to the transit system should be assessed according to the best available evidence of both need and existing and induced demand. In order to increase safety and access to basic needs, work with relevant transit agencies, major employers, key user groups, and area schools to plan for enhanced public transit and school bus lines and new stops to both accommodate the new growth and serve existing community needs.*
- ***CM-3d: Transfers between routes and systems.*** *The public transit system shall provide convenient transfers between routes, other transit services, and other modes of travel such as bike share locations with racks for one-way trip use. The Arcata Transit Center shall serve as the primary multi-modal*

transfer station. Bus stops should be located near municipal parking lots or future park-and-ride lots. The A&MRTS and Redwood Transit System schedules shall be coordinated to provide a timed-transfer system at key stops.

- ***CM-3e: Bus stops.*** *Existing bus stops should be improved and new bus stops on future routes should be designed with appropriate amenities and features. Design elements include either bus stop lanes or bus turnouts. Bus stop design amenities which increase rider comfort and feeling of safety and encourage walking and bicycling are emphasized, including shelters, benches, lighting, shade trees, signs, information kiosks, waste receptacles, paved surfaces, facilities for disabled and alter-abled riders, and secure bicycle parking. Prioritize covered seating at all bus stop locations wherever feasible. Bus stop areas should be consistently maintained and cleaned, including vandalism repair and graffiti removal. Developers shall be required to provide bus stops and amenities on their frontage if the property is located on an existing or future bus route and is an appropriate location for a stop. Pedestrian, bicycle, and handicapped rider access should be provided to neighborhood bus stops.*
- ***CM-3g: Transit implications of new development.*** *The engineering department and A&MRTS shall evaluate proposed new development projects and make recommendations prior to project approval regarding transit improvements and road designs.*

Policy CM-4: Circulation Maps and Context Sensitive Street Design Policy

Objectives. *Plan the circulation network consistent with Figure T-k and Figure T-i to create Complete Streets solutions that are appropriate to individual contexts; that best serve the needs of all people using streets and that support the land-use, climate, safety, and environmental quality targets and policies of the City and which:*

1. *efficiently utilizes existing facilities and reduces need for investment in new or expanded street and highway facilities or capacities;*
2. *improves connectivity of streets to provide for direct routes between origins and destinations;*
3. *has a high quality of regular maintenance and repair; and*
4. *to the extent feasible, maintains a level of service which minimizes delays, acknowledging LOS is not a high priority of the City in street design*

Policy CM-5: Bicycle and Pedestrian Facilities

Objective. *Create a complete, interconnected bikeway system and pedestrian network. Increase the percentages of person trips via walking and bicycling, which serves the full range of mobility needs.*

- ***CM-5c: Bicycle parking facilities.*** *Secure bicycle parking facilities shall be provided at important activity centers, civic facilities, apartment complexes, employment centers, shopping centers, major bus stops, and schools. Bicycle parking facilities include racks, lockers, and bollards.*

  Developers shall be required to provide a minimum number of bicycle parking devices at convenient and visible ground-floor locations within the development. Bicycle parking should be located in an interior location near an entrance whenever feasible. The required number of bicycle parking spaces shall be calculated as a proportion of the number of users.

  Designate locations for public, outdoor bike lockers coordinated with public transit stops accessible in the public right-of-way.
- ***CM-5d: Pedestrian network enhancements.*** *Prioritize implementation of improved pedestrian facilities and enhancements linking residential areas with important destinations such as health care, education, employment, shopping, and recreation with priority given to neighborhoods with the greatest need (disadvantaged communities, etc.) The following pedestrian improvements and safety enhancements should be considered in future planning for these areas:*
  1. *Close sidewalk gaps.*
  2. *Install vertical curbs to keep vehicles from parking on sidewalks.*
  3. *Reduce street crossing distance with curb extensions and smaller curb radii.*
  4. *Use on-street parking as a pedestrian buffer.*
  5. *Install textured crosswalks.*

6. *Provide adequate street lighting focused on crossings.*
7. *Restrict parking near crosswalks to improve sight distance.*
8. *Install rumble strips on approaches to crosswalks.*
9. *Plant street trees or place street trees in planters in the parking lane.*
10. *Relocate intersection stop bars five feet back from crosswalks to improve driver and pedestrian visibility.*
11. *Install wayfinding signage where appropriate.*
12. *In all newly created roadways, incorporate curb extensions ("bump outs") or other design features to increase pedestrian visibility and safety at crosswalks, calm traffic speeds, and provide space for rain gardens, tree planting, street furnishings, and other amenities.*
13. *Connect the City to the Downtown/Plaza core with safe and attractive pedestrian friendly walking routes that incorporate art and street lighting.*

- ***CM-5e: Pedestrian pathways and multi-use trails.*** *Pedestrian pathways or multi-use trails for the exclusive use of non-motorized transportation modes should be provided. Pathways may be long facilities located along corridors or short facilities providing direct access through development projects or connecting areas not directly accessible by streets. Pathways should be planned to serve the full range of mobility needs for people of all ages, races, ethnicities, incomes, and physical abilities. The following shall apply to pedestrian pathways or multi-use trails:*

1. *Easement or right of way dedication. Dedication of easements or rights of way for pathways through new private developments may be required.*
2. *Cooperation with local and regional agencies and jurisdictions. The City shall cooperate with other agencies to establish and maintain off-street pathways and trails utilizing creek, utility, and railroad right of way.*
3. *Other Locations. Other potential locations for multi-use paths are within the North Coast Railroad right of way from Giuntoli Lane to Samoa Boulevard, along the west side of Samoa Boulevard/Old Arcata Road east of State Route 101, and along the perimeter of Arcata Bay towards Manila.*
4. *Create separated walk/bike lanes in multi-use trails with explanatory signage on placement and how to safely pass, as deemed necessary based on increased use in future.*
5. *Provide sidewalks or multi-modal trails on both sides of all streets.*
6. *Support ride share in various modes (car, bike, etc.) through public and private infrastructure, and encourage systems designed to provide access to shared facilities. Improvements and programs should include public options, such as bike share racks or carpool parking, public-private partnerships for vehicle share, and private facilities or programs, such as project-based car share.*
7. *In general, retain the current total linear feet of Class I trails within the City, even if current facilities must be realigned or relocated to other routes. In limited circumstances, the City shall retain the discretion to allow an applicant to demonstrate removal or relocation of Class I Trail sections would improve active transportation access and connectivity. Collaborate with the Great Redwood Trail Agency and other landowners and agencies to retain and expand the Class I trail and Class 4 bikeways throughout the City.*
8. *Reduce vehicle trips from other parts of the City by creating pedestrian and bicycle-friendly corridors that draw residents and visitors to enter the various neighborhoods via means other than motorized vehicles. Fulfill the potential of the existing and planned Class I trails by planning for expanded connections that will draw bikes/peds from between activity centers.*

- ***CM-5f: Sidewalks.*** *A continuous and interconnected system of sidewalks shall be provided throughout the City. The existing standard right of way of most arterials, collectors, and local streets (fifty feet) permits a five-foot sidewalk in each direction, the minimum width to comply with ADA requirements. Some commercial areas in downtown Arcata should have wider sidewalks to accommodate higher levels of pedestrian traffic and window-shopping. The following standards shall apply to sidewalks:*

1. *Sidewalk continuity. Gaps in existing sidewalks should be closed to provide a continuous pathway. Cul-de-sacs should be discouraged because they disrupt pedestrian connectivity.*
2. *Sidewalk widths. New development projects shall be required to construct or reconstruct sidewalks along the property frontage in accordance with adopted City standards. Explore sidewalk widening*

strategies that include land dedication or easements to create unobstructed accessible pedestrian pathways.

3. *Sidewalk Requirements. Where adequate width exists to maintain ADA clearance, sidewalk pedestrian amenities should be provided in the downtown commercial area. These include benches, bicycle parking, pedestrian-scale lighting, street trees, flower boxes, trash receptacles, drinking fountains, and awnings. Private development projects shall be required to include sidewalk improvements; other landowners are encouraged to provide improvements.*
4. *Sidewalk Maintenance. Sidewalk facilities shall be systematically inspected and maintained to clean and repair damaged surfaces and remove impediments such as poles, newspaper racks, and other obstructions that interfere with pedestrian flow.*

- ***CM-5i: Pedestrian-friendly Streetscapes.** Ensure that streetscape design and improvements prioritize pedestrian circulation that promote walkability and support a car-free lifestyle and accessibility for all ambulatory modes.*

Policy CM-6: Parking Supply and Parking Management

***Objective:** Manage parking to reduce the incentive for single occupancy vehicle use.*

- ***CM-6a: Downtown parking.** The following shall apply to parking within the Downtown area:*
  1. *Smart Meter System. The City shall explore implementing a smart parking meter system in the Downtown area to manage parking demand while generating revenue to support public transit and/or active transportation.*
  2. *In-lieu fee for on-site parking. Payment of a fee in-lieu of providing required parking spaces should be required in the Central Commercial District or for Landmark Historic Structures. Fees collected shall be used exclusively to fund municipal off-street parking lots or alternative travel mode facilities.*
  3. *On-site parking standards. The City should reduce or eliminate the parking standards applicable within the downtown area. New development is encouraged to pay in-lieu fees rather than provide parking on-site within the immediate Plaza area. Any on-site parking in the downtown should be located to the rear or side of buildings. Park and ride, car shares, downtown parking benefits districts, and other measures to encourage alternative transportation shall be considered.*
- ***CM-6c: Parking standards for new development.** The City's should continue to specify maximum parking requirements for new development and eliminate minimum parking requirements. Parking lots should be located, where feasible, to the rear or side of commercial and multi-family residential buildings.*
- ***CM-6d: Shared or joint-use parking for commercial development.** Reductions in the individual use parking requirements should be considered where two or more uses provide joint parking. Developers of projects with appropriate land uses for effective shared parking are encouraged to provide joint parking facilities. Examples of compatible land uses include office buildings and any use that generates primarily an evening parking demand such as restaurants and theaters.*

Policy LU-1: Overall Development Plan

***Objective:** Establish a pattern of development that concentrates activity and amenities in a pattern of centers, clusters and mixes of uses to support the City's focus on infill development and active transportation. Provide an overall land use arrangement that concentrates city-wide uses and functions in these areas with an emphasis on areas within walking distance of the central Plaza Area, Cal Poly Humboldt, and existing neighborhood and employment centers which provide a mix of commercial services, residential uses, and community facilities.*

To the maximum extent feasible, the City shall strive through its land use decisions to promote community health for all neighborhoods, with particular attention to those that have been identified as lacking in amenities such as transit, clean air, grocery stores, bike lanes, parks, and other components of a healthy community.

- ***LU-1d: Reduce Parking Maximums in the Most Walkable Areas of the City.*** *Reduce maximum allowable parking requirements within Infill Opportunity Zones to promote walkable communities. Minimize vehicle parking requirements and maximize walk, bike, and transit infrastructure.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan Element

Policy Chapter 1: Land Use

Objective. *Establish an overall land use arrangement that promotes mixed-use, multi-story buildings with a clear emphasis on high-density housing that is equitable, environmentally sustainable, and compatible with the envisioned neighborhood character. Allow for a broad diversity of non-residential uses that support a pedestrian/bicycle-friendly environment, contribute to a car-free lifestyle, and meet the physical, social, and economic needs of residents.*

- ***GA-1a: Land Use Targets.*** *Aim to achieve a mix of residential and non-residential uses in each land use subarea that supports the full range of services to Gateway Area residents, workforce, and visitors. Estimated long-term targets to balance uses are shown in Table 5.*

Policy Chapter 6: Open Space and Conservation

- ***GA-6e: Bike/ped Connections.*** *Establish new off-street bike/ped connections to connect open spaces and activity centers in the Gateway area. Enhance connections between the Plan Area and parks and open space destinations near to the Plan Area, such as Arcata Plaza, Shay Park, and Arcata Marsh.*

Policy Chapter 7: Mobility

Objective. *Prepare for a substantially realigned transportation network within the Gateway Area that significantly enhances bicycle and pedestrian facilities while also creating a more efficient vehicular circulation pattern with better north-south and east-west connections for all modes of travel. Seamlessly link the Gateway Area to key destinations throughout the City via non-motorized facilities to support opportunities for a car-free lifestyle.*

- ***GA-7a: Design Mobility System per Plan Figures****. Design and construct the mobility and circulation system of the Plan Area per Figure 8 and Figure 9 and the Cross Section and Intersection Design Concepts above, as well as in accordance with the Open Space, Streetscape, and Site Development sections of this Area Plan. In the engineering design stage of implementing the above cited Figures/Concepts, allow for deviations and alterations such as:*
  1. *Throughout the entire Plan Area, sidewalk widths may increase beyond six feet, especially on the north sides of east-west streets where expanded sidewalks on the sunny side of the street would allow welcomed outdoor seating, and at well-traveled pedestrian boulevards to ensure a clear path of travel. Adjusting sidewalk widths will necessitate adjustments to the dimensions of other features, such as drive lanes, parking lanes, bike lanes, outdoor seating, street furniture, and the like. On-street parking lanes may need to be eliminated.*
  2. *Throughout the entire Plan Area, on-street parking angles may be adjusted as need to be either parallel, perpendicular, angled-in, or reversed angled-in. Adjusting parking angles may necessitate adjustments to the dimensions of other features, such as sidewalks, drive lanes, bike lanes, etc.*
  3. *Outside of City rights-of-way, the alignments and widths of Class I trails (i.e., separated shared use paths) may need to be adjusted based on environmental constraints, community needs, the availability of right-of-way, and other factors. Seek opportunities in public rights-of-way to daylight creeks using bridges when reconstructing bike/bed infrastructure.*
  4. *The trail within the Q Street right-of-way south of 10th Street may eventually need to be converted into a full vehicular roadway with a cross-section similar to other two-way roads proposed within the Plan Area.*
  5. *The final design of transportation facilities within the Barrel District may change substantially, but should follow the parameters outlined in Policies CM-2b and GA-5b.*
  6. *Where available, pursue Opportunities for "green streets" infrastructure in streets/public right of ways, and provide for storm water features off-site (i.e., "storm water banks"). Consider opportunities to improve storm water drainage for the Jolly Giant Creek watershed.*

Policy Chapter 8: Streetscape

Objective. *Create high-quality streetscapes that are visually interesting and provide safe and comfortable places for people to walk and gather. Provide for a streetscape design that visually unites the Gateway Area and promotes a cohesive sense of place.*

- ***GA-8b: Landscaping.*** *Install street trees and other landscaping consistent with the standard for the applicable street typology as identified in Chapter 7 (Mobility). Use planting techniques that extend the life and health of the trees.*

Policy Chapter 9: Design and Architectural Standards

Objective*. Ensure site design offers a mix of vibrant, mixed-use neighborhood structures with active and inviting public spaces. Provide for visual interest in walkable neighborhoods with street-level activity and public gathering places that support a car-free lifestyle.*

Policy Chapter 11: Infrastructure and Services

Objective. *Provide sustainable infrastructure that serves the planned growth of the Gateway Area.*

- ***PF-6h: Plan Utility Infrastructure to Accommodate Envisioned Growth.*** *In planning for improvements to the overall utility infrastructure, including wastewater and electrical demand, design the systems to accommodate the planned amount of growth outlined in other policies and consider the impacts of locating new infrastructure on potential future habitat restoration sites. Plan for future infrastructure needs due to conversion of uses (e.g., electrification). Infrastructure will be developed over time as needed, and the City's Capital Improvements Program (CIP) will reflect near term infrastructure needs through the annual update process.*
- ***PF-1c: Water Conservation Infrastructure.*** *Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices. Evaluation Criteria and Significance Thresholds*

The Project would cause a significant impact related to GHG emissions, as defined by the Appendix G of the CEQA Guidelines, if it would:

– Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or

– Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

3.5.4 Methodology

GHG emissions, by their nature, represent a cumulative impact. No single project could generate enough GHG emissions to noticeably change the global average temperature. Instead, GHG emissions contribute, on a cumulative basis, to the significant adverse environmental impacts of global climate change. Therefore, the Project analysis is discussed in the context of the cumulative impact.

Operational emissions were estimated using CalEEMod version 2022.1.1.12, as described in Chapter 3.3, Air Quality, of this Draft EIR. The Project's operation GHG impact was evaluated qualitative against the Bay Area Air Quality Management District's (BAAQMD's) recommended threshold of significance for plan-level CEQA analysis. The Project's operations were further evaluated for consistency with the State's *2022 Climate Change Scoping Plan*.

Thresholds of Significance

There are currently no applicable federal, state, or local significance thresholds pertaining to construction activities. Additionally, there are currently no applicable federal, state, or local adopted significance thresholds for

operational activities. CEQA Guidelines Section 15064.4, subdivision (c), gives the lead agency "discretion to select the model or methodology it considers most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change." Furthermore, CEQA Guidelines Section 15064.7, subdivision (c), provides:

> *When adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence.*

Therefore, the General Plan 2045's GHG impacts were analyzed using the following thresholds and approaches.

- **Construction:** Qualitative approach in accordance with Section 15064.4(a)(2) of the CEQA Guidelines; and
- **Operation:** BAAQMD adopted operational threshold for local long-range plans (BAAQMD 2023)

The rational and substantial evidence in support of the operational threshold of significance evaluated is provided as follows.

BAAQMD Plan-Level Threshold

On April 20, 2022, the BAAQMD adopted new project and plan-level thresholds of significance for assessing climate impacts under CEQA. The BAAQMD did not adopt thresholds of significance for construction-generated emissions. As provided by the BAAQMD:

> *GHG emissions from construction represent a very small portion of a project's lifetime GHG emissions. The proposed thresholds for land use projects are designed to address operational GHG emissions which represent the vast majority of project GHG emissions (BAAQMD 2022).*

Subsequently, the BAAQMD updated their CEQA Air Quality Guidelines, including the recommended threshold and methodology for assessing plan-level impacts. The BAAQMD provides the following plan-level thresholds of significance for local long-range plans (such as general plans):

1. Meet state's goals to reduce emissions to 40 percent below 1990 levels by 2030 and carbon neutrality by 2045; or
2. Be consistent with a local GHG reduction strategy that meets the criteria under State CEQA Guidelines Section 15183.5(b)

It should be noted that the BAAQMD adopted the recommended plan-level thresholds prior to CARB adopting the 2022 Scoping Plan. The 2022 Scoping Plan (the implementing tool of AB 32) sets the path for California to achieve carbon neutrality by 2045 or sooner. Therefore, consistency with the state's 2022 Scoping Plan serves to assess the General Plan 2045's consistency with a plan adopted for the purpose of reducing GHG emissions and for assessing if a project would generate emissions that may have a significant impact on the environment.

There are no applicable regional or local plans that have been adopted for the purpose of reducing GHG emissions.

3.5.5 Impacts and Mitigation Measures

Impact GHG-a, b: **Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment, or conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

GHG emissions can be reduced to some degree by improved coordination of land use and transportation planning at the City, county and subregional level, and other measures to reduce automobile use. Energy conservation measures also can contribute to reductions in GHG emissions. In 2006, the City developed a community-wide Greenhouse Gas Inventory as well as a Community Greenhouse Gas Reduction Plan; this Plan focused on six action areas including energy efficiency, renewable energy, sustainable transportation, waste and consumption reduction, carbon sequestration and other methods, and cross-cutting approaches. Arcata's GHG

inventory has since been updated in the 2010 Greenhouse Gas Emissions Inventory of Government Operations and the 2015 Community Greenhouse Gas Emissions Inventory. However, the plan does not contain an emission reduction goal applicable to the planning horizon of 2045.

Construction

Project construction activities would result in a temporary increase in GHG emissions, including exhaust emissions from on-road trucks, worker commute vehicles, and off-road heavy-duty machinery. Construction would require clearing, earthmoving, and delivery equipment as used for similar projects and which have been accounted for in the state's emission inventory and reduction strategy for both on- and off-road vehicles. Emissions during construction would not be a considerable contribution to the cumulative GHG impact given that construction would be temporary, of short duration, and would not require a large fleet of earthmoving equipment and soil-off hauling beyond the normal equipment and activities related to such projects. Therefore, the Project's construction-related emissions would be less than significant.

Operation

CARB Scoping Plan

As detailed in Section 3.5.3, Regulatory Framework, 2022 Scoping Plan Appendix D, Local Actions, contains CARB's recommended actions for local governments to assist California to attain the state's climate goals. Within 2022 Scoping Plan Appendix D, CARB identifies the following as priority areas for local jurisdictions to focus on: transportation electrification, vehicle miles traveled reduction, and building decarbonization.

The 2022 Scoping Plan appendix also contains recommended methodologies for evaluating plan-level consistency with the state's climate goals in a CEQA-required GHG analysis. The first recommended methodology consists of evaluating the attributes of the plan or project to determine consistency with the Scoping Plan, using the attributes identified in Table 3.5-2.

Table 3.5-2 General Plan 2045 Consistency with 2022 Scoping Plan Priority Areas for Local Land Use Agencies

CARB-Recommended Key Project Attribute	General Plan 2045 Consistency Evaluation
Priority Area 1: Transportation Electrification	
Provides EV charging infrastructure that, at minimum, meets the most ambitious voluntary standard in the California Green Building Standards Code at the time of project approval	**Inconsistent**. The Gateway Area Plan Element contains Policy D-8J which would allow increased development intensity for projects that provide free EV charging stations. However, the General Plan 2045 does not include policies to include or increase electric vehicle charging infrastructure in new development anticipated by the plan, or throughout the community. Implementation of Mitigation Measure GHG-1, EV Charging Infrastructure, would bring the General Plan 2045 into consistency with this CARB-recommended key project attribute. Relevant General Plan 2045 Policies D-8j Incentivize Active and Alternative Transportation as a Community Amenity.
Priority Area 2: VMT Reduction	
Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer)	**Consistent.** Growth anticipated by the General Plan 2045 would occur entirely within the City limits, and primarily on existing urbanized lands. Residential development would occur using existing vacant parcels, accessory dwelling units and small lot splits, apartments, student housing, and infill. The public services and utilities infrastructure is assessed in Section 3.12, Utilities and Service Systems, of this Draft EIR. As shown in Section 3.12, Impacts UTL-a through UTL-e, the growth anticipated by the General Plan 2045 would be appropriately served by existing utilities and essential public services.
Does not result in the loss or conversion of natural and working lands	**Consistent.** Growth anticipated by the General Plan 2045 would occur entirely within the City limits, and primarily on existing urbanized lands. See Section 5.2, Agriculture and Forest Resources, of this Draft EIR for additional details for impacts to natural and working lands.

CARB-Recommended Key Project Attribute	General Plan 2045 Consistency Evaluation
Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre); or Is in proximity to existing transit stops (within a half mile); or Satisfies more detailed and stringent criteria specified in the region's SCS	**Consistent.** Growth anticipated by the General Plan 2045 would primarily be in form of using existing vacant parcels, accessory dwelling units and small lot splits, apartments, student housing, and infill at transit-supportive densities and/or within proximity to existing transit stops. See General Plan 2045 Circulation Element, and policies: There is no applicable regional SCS. <u>Relevant General Plan 2045 Policies</u> RC-8c Promotion of energy efficiency in transportation. PS-8a Land Use and Urban Development. D-1g Provide for bicycles, pedestrians, and transit in design. CM-1c Interconnections and transfers between travel modes. CM-1i Balanced Transportation System. CM-1j Mobility Infrastructure that Supports Car-free Lifestyle. CM-2a Land use development patterns. CM-3b Regional transit service. CM-3c Bus route system. CM-3e Bus stops. CM-3g Transit implications of new development. GA-1a Land Use Targets. GA-7a Design Mobility System per Plan Figures. CM-3d Transfers between routes and systems. D-8j Incentivize Active and Alternative Transportation as a Community Amenity.
Reduces parking requirements by: – Eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet); or – Providing residential parking supply at a ratio of less than one parking space per dwelling unit; or – For multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit	**Consistent.** The Gateway Area Plan Element and form-based code do not require parking minimums, and language in the Circulation and Mobility Element has been modified to further manage parking with the intent of reducing the incentive for single occupancy use, specifically by modifying parking standards for new development to eliminate minimum parking requirements. <u>Relevant General Plan 2045 Policies</u> CM-6a Downtown Parking. CM-6c Parking Standards for new development. CM-6d Shared or joint-use parking for commercial development. LU-1d Reduce parking maximums in the most walkable areas of the city.
At least 20 percent of units included are affordable to lower-income residents	**Consistent.** As demonstrated in the City's existing 2019 Housing Element, the City has planned for a total 408 lower income units (extremely low, very low, and low-income units), and a total of 781 units. Therefore, 52 percent of the total planned units are for lower-income residents.
Results in no net loss of existing affordable units	**Consistent.** Growth that would be accommodated by the General Plan 2045 would be primarily in the form of using existing vacant parcels, accessory dwelling units, and small lot splits, apartments, student housing, and infill.
Priority Area 3: Building Decarbonization	
Uses all-electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking	**Consistent.** General Plan policy RC-8e, City Electrification Ordinance, includes preparing and passing an 'all electric' ordinance that phases out natural gas infrastructure and use. Additionally, 2022 Title 24 requirements include mandatory measures to support future electrification of appliances through installation of electrical infrastructure at locations of gas appliance in new development. Through

CARB-Recommended Key Project Attribute	General Plan 2045 Consistency Evaluation
	implementation of General Plan policy RC-8e, the City would prohibit installation of gas appliances and result in a full conversion of appliances to electric-only. Relevant General Plan 2045 Policies PF-5f Energy conservation and decarbonization of City facilities. RC-8e City Electrification Ordinance.

Source: CARB 2022b

Notes: Recommendations in Appendix D of the 2020 Scoping Plan focus primarily on climate action plans and local authority over new residential development. It does not address other land use types (e.g., industrial) or air permitting.

As shown in the table above, General Plan 2045 would be consistent with several key project attributes recommended by CARB for consistency with the 2022 Scoping Plan. However, the General Plan 2045 would be inconsistent with the electric vehicle charging infrastructure recommended attribute. As a result, the Project may generate a potentially significant impact. Implementation of Mitigation Measure GHG-1would bring the Project into consistency with CARB-recommended key project attributes and, therefore, consistency with the 2022 Scoping Plan and the state's goal of carbon neutrality by 2045 or sooner.

RCEA RePower Humboldt

Grid energy would come from either PG&E or RCEA, both of which have met and exceeded the state's Renewable Portfolio Goal of providing 33 percent of energy from specified eligible-renewable resources and are both required to achieve a 60 percent renewables goal by 2030 and be 100 percent carbon-free by 2045. The RCEA has further committed to achieving a 100 percent renewable and net-zero carbon emissions sources by 2030. The General Plan 2045's consistency with the 2019 RePower Humboldt Plan is provided in Table 3.5-3.

Table 3.5-3 General Plan 2045 Consistency with RCEA 2019 RePower Humboldt

RCEA Energy Goals	General Plan 2045 Consistency Evaluation
Regional Planning and Coordination	
Achieve net-zero GHG emissions countywide by 2030	**Not applicable.** Countywide net-zero GHG emissions will not be met by any local jurisdiction under RCEA as its purview is a countywide effort not specific to the City. City policy updates do support this goal to the extent feasible as discussed elsewhere in this document, including (but not limited to) policies for energy conservation and decarbonization of City facilities
By 2030 fully establish Humboldt County as an energy secure community that can affordably and reliably meet its local energy needs with local renewable resources and has the robust local capabilities and infrastructure necessary to effectively respond to energy emergencies or disruptions in energy supply	**Not applicable.** The City is not an electricity utility or energy provider. This goal applies to RCEA and PG&E's electricity generation, utilities infrastructure, and delivered energy, which are outside the City's jurisdiction.
Build the clean energy sector into a cornerstone of the local economy through a breadth of strategies that include innovation, research and development, local energy-related business development, and establishing Humboldt Bay as the primary west coast hub for the offshore wind energy industry	**Not applicable.** The City is not an electricity utility or energy provider. This goal applies to RCEA and PG&E's electricity generation, utilities infrastructure, and delivered energy, which are outside the City's jurisdiction.
Integrated Demand Side Management	
Support the widespread installation of customer solar photovoltaic energy systems, with a target to increase installations to a rate of one system every day for the next decade	**Consistent.** New development accommodated by the General Plan 2045 would be subject to the 2022 (or subsequent) Title 24 requirements, which include solar and battery storage readiness.

RCEA Energy Goals	General Plan 2045 Consistency Evaluation
and reach 30MW of customer solar installed by 2025 and 50MW installed by 2030	
Make energy efficiency and conservation services available to every household and business in the county by 2030	**Not applicable.** The City is not an electricity utility or energy provider. This goal applies to RCEA, PG&E, and State electricity generation, utilities infrastructure, and delivered energy, which are outside the City's jurisdiction.
Expand existing energy efficiency, conservation and electrification programs to reduce GHG emissions from fossil fuel use in buildings by 20 percent by 2030 and maintain a trajectory to reduce emission from natural gas by 90 percent by 2050	**Not applicable.** The City is not an electricity utility or energy provider. This goal applies to RCEA, PG&E, and State Agencies. However, implementation of General Plan 2045 policy RC-8e would prohibit installation of gas appliances and result in a full conversion of appliances to electric-only. Relevant General Plan 2045 Policies PF-5f Energy conservation and decarbonization of City facilities. RC-8e City Electrification Ordinance.
Develop a network of community microgrids and renewable-energy back-up power systems across the county to reduce GHG emissions and to provide energy	**Not applicable.** The City is not an electricity utility or energy provider. This goal applies to RCEA, PG&E, and State Agencies. However, new development accommodated by the General Plan 2045 would be subject to the 2022 (or subsequent) Title 24 requirements, which include solar and battery storage readiness.
Low-Carbon Transportation	
Accelerate the adoption of EVs, with a target of over 6,000 EVs on the road in Humboldt County by 2025 and 22,000 vehicles by 2030. Develop public, workplace, and residential electric vehicle charging infrastructure necessary to support these countywide EV targets	**Inconsistent.** The Gateway Area Plan Element contains Policy D-8j which would allow increased development intensity for projects that provide free EV charging stations. However, the General Plan 2045 does not include policies to include or increase EV charging infrastructure in new development anticipated by the plan, or throughout the community. Implementation of Mitigation Measure GHG-1, EV Charging Infrastructure Ordinance, would bring the General Plan 2045 into consistency with this RCEA 2019 RePower Humboldt goal. Relevant General Plan 2045 Policies D-8j. Incentivize Active and Alternative Transportation as a Community Amenity.
Work with other local public entities to reduce VMT in Humboldt County by at least 25 percent by 2030	**Consistent.** Growth anticipated by the General Plan 2045 would occur entirely within the City limits, and primarily on existing urbanized lands. Residential development would occur using existing vacant parcels, accessory dwelling units, and small lot splits, apartments, student housing, and infill. The VMT is assessed in Section 4.2 (Transportation) of this Draft EIR. As shown in Section 4.2, Impact TR-b, the General Plan 2045 would result in an improved land use diversity score as compared to existing conditions, resulting a reduced VMT as compared to existing conditions.
By 2030 reduce GHG emissions from transportation by over 65 percent through reductions in VMT, improved vehicle efficiency, the adoption of EVs, and, where determined to be an effective emissions-reduction strategy, the use of biofuels as a bridge to a full transition to zero-emissions vehicles. Maintain a trajectory of emissions reduction to eliminate the use of fossil fuels by 2050	**Consistent.** As shown in the preceding row, the General Plan 2045 would result in a reduction of VMT as compared to existing conditions. However, improved vehicle efficiency, adoption of EVs, and use of alternative fuels is outside the control and jurisdiction of the City. As shown in the regulatory setting, the Advanced Clean Cars regulations include a requirement that all new passenger cars, trucks, and SUVs sold in California must be zero emissions vehicles.
Energy Generation and Utility Services	
By 2025, 100 percent of RCEA's power mix will be from a combination of state-designated renewable energy sources—solar, wind, biomass, small hydroelectric, and geothermal—and state-designated net-zero-	**Not applicable.** The City is not an electricity utility or energy provider.

RCEA Energy Goals	General Plan 2045 Consistency Evaluation
carbon-emission existing large hydroelectric facilities	
By 2030, Humboldt County will be a net exporter of renewable electricity and RCEA's power mix will consist of 100 percent local, net-zero-carbon-emission renewable sources	**Not applicable.** The City is not an electricity utility or energy provider.
Humboldt County can effectively respond to regional and local disruptions to energy supply and distribution systems through modernization of the local electric grid, the deployment of local distributed energy resources, and the development of community microgrids	**Not applicable.** The City is not an electricity utility or energy provider.

Source: RCEA 2019

As shown in the table above, General Plan 2045 would be consistent with several goals from the RCEA's 2019 RePower Humboldt plan. However, the General Plan 2045 would not be consistent with the following: accelerated development of EV adoption. Implementation of Mitigation Measures GHG-1 would bring the project into consistency with RCEA's 2019 RePower Humboldt plan to the extent feasible.

Mitigation Measures:

Mitigation Measure GHG-1: EV Charging Infrastructure Ordinance

The City shall include a policy in the General Plan 2045 to prepare and pass an electric vehicle (EV) charging infrastructure ordinance requiring, at a minimum, implementation of 2022 Title 24 Part 11 (CALGreen Code) Voluntary Tier 2 EV Charging Infrastructure for residential and non-residential development. The City shall review and update ordinance on a triennial basis, consistent with the CALGreen Code's update schedule, to reflect updates to the CALGreen Code Voluntary Tier 2 measures.

Level of Significance: Less than significant impact with mitigation

3.5.6 Cumulative Impacts

Impact GHG-C-1: Would the Project contribute to a cumulatively significant impact to Greenhouse Gas Emissions?

GHG impacts are inherently cumulative in nature, as identified by the BAAQMD, the Sacramento Metropolitan Air Quality Management District (SMAQMD), the California Air Pollution Control Officers Association, and other expert agencies (BAAQMD 2022, SMAQMD 2021, CAPCOA 2008). An individual project's generation of GHG would not significantly affect the climate; projects adversely affect climate through cumulatively contributing GHG into the atmosphere. The Project's cumulative contribution to GHG impacts is addressed above. However, as identified in Impact GHG Sections (a) and (b), the Project would not conflict with the AB 32 GHG reduction goals, the state's *2022 Climate Change Scoping Plan.* Therefore, the Project's contribution to the cumulative impact is not cumulatively considerable.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.5.7 References

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3.6 Hazards and Hazardous Conditions

This section evaluates the potential impacts of the proposed General Plan 2045 on human health and the environment due to exposure to hazardous materials or conditions within the City. A Technical Memorandum (Tech Memo) focused on the approximate 138-acre Gateway Area was prepared to assist the City as a component of their environmental due diligence. The Gateway Area was prioritized for this Environmental Database Review search to facilitate ministerial permit review for high-density development in this area plan.

The Tech Memo included a property description, review of historical records, Sanborn Fire Insurance maps, historical aerial photographs, City directories, historical topographic maps, and an Environmental Database Review (Database Review) (GHD 2022). A Database Review includes data from publicly available regulatory agency information maintained by federal, state, and local government agencies and includes a wide variety of information including records of known or potentially contaminated sites, landfills and other disposal sites, and underground storage tank records for both leaking and registered underground storage tanks. The Database Review is attached to this Draft EIR as Appendix E.

Potential hazardous materials within areas of the City outside the Gateway Area, including the three other Infill Opportunity Zones (Valley West, Craftsman's Mall / St Louis, and Downtown), were analyzed using publicly available hazardous materials databases – particularly the State Water Resources Control Board's (SWRCB's) GeoTracker – previous reports and historical accounts to inform the analysis of the proposed General Plan 2045 on these areas.

Of the comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045, there were no comments specific to hazardous waste. Comments related to hazards associated with air emissions, sea level rise, fire suppression capacity, and wildfire are addressed in Sections 3.3 (Air Quality), 3.12 (Utilities and Service Systems), 5.3 (Biological Resources), and 5.7 (Wildfire), respectively.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to hazards and hazardous conditions, and the Impact Analysis section establishes the thresholds of significance, evaluates potential hazard-related impacts, and identifies the significance of impacts.

3.6.1 Study Area

For impact assessment related to hazards and hazardous conditions, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.6.2 Setting

Definition of Hazardous Materials

A material is considered hazardous if it appears on a list of hazardous materials prepared by a federal, state, or local agency, or if it has characteristics defined as hazardous by such an agency. Factors that influence the health effects of exposure to hazardous materials include the dose to which the person is exposed, the frequency of exposure, the exposure pathway, and individual susceptibility. Exposure to hazardous materials, either through direct handling or through contaminated soils and/or groundwater, can lead to serious adverse health effects. As such, the proper management and disposal of these materials are highly regulated under federal, state, and local regulatory programs (discussed in Section 3.6.3).

CCR defines a hazardous material as a substance that, because of physical or chemical properties, quantity, concentration, or other characteristics, may either: (1) cause an increase in mortality or an increase in serious, irreversible, or incapacitating illness; or (2) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported or disposed of, or otherwise managed (Title 22 CCR Section 66260.10). Hazardous materials are classified according to four properties: toxicity, ignitability,

corrosivity, and reactivity (Title 22 CCR Chapter 11, Article 3), which are defined in Title 22 CCR Sections 66261.20-66261.24.

Site Description

Aerial imagery of the study area using publicly available Google Earth was reviewed to evaluate past uses for potential sources of contamination (e.g., mill operations, auto body shops) that may be present and spanned between 1984 and 2022. Imagery specific to the Gateway Area spanned between 1941 and 2022 and review of said imagery was conducted as a component of the Database Review and is presented separately below.

Study Area General Description

At the end of the 19th century and into the mid-20th century, numerous logging mills existed throughout Humboldt Bay, some of which are within the present-day City limits. Logging in Humboldt County began in 1850 and the dramatic expansion of the lumber industry expanded with the arrival of railroads in the 1870s, particularly the Arcata and Mad River Railroad which was used through the early 1900s (Wilson 2001). Chemicals typically used at logging mills to preserve wood include: cadmium, chromium, lead, and pentachlorophenol. In present day, the City contains areas of industrial, agricultural, residential, commercial, and natural resource park lands. Hazardous materials can be found in all of these areas, however, to a lesser degree within natural resource and park lands.

Currently, the two major industrial areas in the City are the Aldergrove Industrial Park / West End Industrial Area, and the South Samoa Blvd industrial area. These areas are designated for heavy industry in the existing General Plan and are planned to remain as the City's major general industrial areas under the proposed General Plan 2045. In addition, there are light industrial uses along South G Street, Giuntoli Lane, between K and M Streets west of the Downtown area, and a few smaller industrial areas in other parts of the City.

Use of herbicides, insecticides and other chemical substances, as part of agricultural operations and public facility management, can cause localized buildup to toxic levels. The City has eliminated the use of herbicides in public facility management and has stopped Caltrans from using certain herbicides along state roadways in the City (City of Arcata 2001). The former North Coast Railroad Authority has also ceased using herbicides in Arcata (City of Arcata 2001).

In addition to industrial uses, hazardous materials in smaller quantities are also stored, used, and disposed of in commercial operations, in households, and in public facility management. There are currently regulatory, inspection, and information programs in place for the safe storage, use, and disposal of these materials. Such hazardous chemicals commonly encountered include: household cleaners (acids and bases), engine oil (heavy hydrocarbons, flammable), anti-freeze (toxic), oil-based paints and related cleaners (flammable, toxic), biocides (neurotoxins), chemical fertilizers (toxic, flammable), etc. The City's Environmental Services Department conducts outreach efforts to encourage the use of non-hazardous alternatives to common household hazardous waste.

In case of spill or accident, appropriate Emergency Response Plans are activated. In particular, the state of California requires all local government agencies to use a Standardized Emergency Management System, developed under State Bill 1841, in multi-jurisdictional or multi-agency responses to be eligible for state reimbursement of response-related personnel costs. Consequently, the City is responsible for training emergency response personnel in Standardized Emergency Management System implementation. The Standardized Emergency Management System uses the Incident Command System. This aspect, as well as the Community Emergency Response Team (CERT) program coordinated by Humboldt County provide emergency preparedness in the community and are discussed in detail in Section 3.10 (Public Services and Recreation) of this Draft EIR.

Historical Use of the Gateway Area and Surrounding Area

Historical aerial photographs were reviewed as part of the Database Review in order to evaluate historic uses and potential sources of contamination (e.g., mill operations, auto body shops). Aerial photographs of the Gateway Area for the years 1941, 1954, 1957, 1969, 1972, 1974, 1983, 1989, 1993, 2005, 2009, 2012, and 2016 (available from the Database Review) were reviewed. The specific details observed within the Gateway Area and

adjoining properties are dependent on the scale and quality of the aerial photographs reviewed. The aerial photographs were reviewed at a scale of one-inch equals approximately 625 feet. The following is a summary of observations based on a review of the aerial photographs:

1941: The 1941 aerial photograph depicts the site as being developed agricultural and light industrial land with multiple structures including two lumber mills, logging decks, and dairy operations present. Undeveloped and/or cultivated land is depicted on adjoining properties west and south of the Gateway Area. Residential properties are depicted on adjoining properties to the east and north.

1954: The 1954 aerial photograph depicts the Gateway Area and surrounding area as being generally consistent with the 1941 aerial photograph with exception of increased commercial / industrial mill operation development throughout the site. Commercial and residential development appears to have expanded predominantly within the adjoining properties to the west and south of the Gateway Area. Residential properties are depicted on adjoining properties to the east and north.

1957-1974: The 1957, 1969, 1972, and 1974 aerial photographs depict the Gateway Area and surrounding area as remaining consistent with how it appeared in the 1954 aerial photograph. Continued commercial and residential development within the Gateway Area is visible. Residential property development is depicted on the adjoining properties to the north and east. Continued commercial mill operations development are depicted on the adjoining properties south of the Gateway Area site. Residential construction and development are evident on the adjoining properties west of the Gateway Area site.

1983-1993: The 1983, 1989, and 1993 aerial photographs depict the Gateway Area and surrounding area as remaining generally consistent with how it appeared in the 1974 aerial photograph. Evidence of continued development is depicted on the adjoining properties north, south, east, and west of the Gateway Area site.

2005-2016: The 2005, 2009, 2012, and 2016 aerial photographs depict the Gateway Area as remaining consistent with how it appeared in the 1993 aerial photograph. Continued residential and commercial development is depicted on the adjoining properties north, south, east, and west of the Gateway Area site.

Copies of reviewed aerial photographs are presented in Attachment 2 of Appendix E.

Hazardous Materials in the Study Area

Most storage, use, and disposal of hazardous materials in the City is attributed to past and present industrial uses. During past periods of peak timber harvesting and processing, there were numerous small mill sites operating throughout the City. Most of these mill sites have now closed; however, hazardous materials used primarily in wood products processing and auto-related operations have resulted in site and groundwater contamination that remains today.

According to the SWRCB's GeoTracker, there are 11 active and 92 closed sites within the City limits, see Table 3.6-1 below and Figure 3.6-1 SWRCB GeoTracker Cleanup Sites. GeoTracker is a data management system for sites that impact or have the potential to impact water quality in California, with an emphasis on groundwater. Active sites are those that are currently under regulatory review and remediation. Inactive sites are defined as having been investigated and remediated to the satisfaction of the lead oversight agency. Residual contamination at levels that do not pose significant health risks to the current land use may still be present at inactive sites. However, inactive sites can be restricted for future land uses that require completely remediated conditions. For example, an unauthorized release at an industrial property could be remediated to cleanup levels appropriate for future industrial land uses, but the residual levels of contamination after remediation may be too high and pose health risks for other types of future land uses such as residences, schools, or parks.

Table 3.6-1. Open Contamination Sites within the Study Area According to GeoTracker

Site	Address	Site Type	Status
Arcata Community Recycling / former Standard Oil facility	1380 Ninth Street	Cleanup program site	Open – Assessment and interim remedial action
Balabanis House HSU	1 Harpst Street	Leaking Underground Storage Tank (LUST) cleanup site	Open – Assessment and interim remedial action
Fisch Trust Property	1461 M Street	Cleanup program site	Open – Inactive
Ghera Property	987 H Street	Cleanup program site	Open – Assessment and interim remedial action
Little Lake Industries (Arcata Mill)	46 I Street	Cleanup program site	Open – Assessment and interim remedial action
Northcoast Environmental Center	879 Ninth Street	Cleanup program site	Open – Assessment and interim remedial action
Philly Cheese Steak Shop / Former Chevron	1811 G Street	LUST cleanup site	Open – Site assessment
Schmidbauer Arcata Mill (south)	901 O Street	Cleanup program site	Open – Inactive
Bloxhams Shell	1401 G Street	LUST cleanup site	Open – Site assessment
Rogers Garage	1622 Old Arcata Road	Cleanup program site	Open – Assessment and interim remedial action
Zanzi Property	1234 Giuntoli Lane	Cleanup program site	Open – Assessment and interim remedial action

The Cortese List was also consulted to determine whether potentially hazardous sites exist within the study area. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the state, local agencies, and developers to comply with CEQA requirements in providing information about the location of hazardous materials release sites. There are no active Cortese List sites within City limits.

Hazardous Materials in the Gateway Area

The Database Review prepared for the Gateway Area inventoried databases to identify areas of potentially impacted soil and/or groundwater that may require special handling and disposal during construction or could potentially pose a health exposure risk to construction workers or sensitive receptors. The Database Review provides database information for most of the central portion of the City (the Gateway Area plus up to a one-mile radius).The Database Review contained the results of federal, state, tribal, and local regulatory agency database searches and for each database included an approximate minimum search distance from the search area ranging between the site / adjoining property only to within 1.0 miles of the site (see Table 3.6-2 below for a list of databases searched and the search radii of each database).

Table 3.6-2. Databases and Search Radius Utilized in the Database Review of the Gateway Area

Database	Acronym	Search Radius
Standard Environmental Records		
Resource Conservation and Recovery Act-Large Quantity Generator	RCRA-LQG	Site / Adjoining Property
Resource Conservation and Recovery Act-Small Quantity Generator (RCRA-SQG)	RCRA-SQG	Site / Adjoining Property
EnviroStor Database	ENVIROSTOR	1.0 mile
Solid Waste Information System	SWF/LF	0.5 mile
Leaking Underground Storage Tank	LUST	0.5 mile
Cleanup Program Sites -Spills, Leaks, Investigations, and Cleanups	CPS-SLIC	0.5 mile
Active Underground Storage Tank	UST	Site / Adjoining Property
Additional Environmental Records		
Statewide Environmental Evaluation and Planning System for Underground Storage Tanks	SWEEPS UST	Site / Adjoining Property
Hazardous Substance Storage Container Database	HIST UST	Site / Adjoining Property
Facility Inventory Database of Active and Inactive Underground Storage Tanks	FID UST	Site / Adjoining Property
California Environmental Reporting System above and underground storage tanks	CERS TANKS	Site / Adjoining Property
California Environmental Reporting System Hazardous Waste	CERS HAZ WASTE	Site / Adjoining Property
Environmental Database Review Exclusive Historical Gas Stations	EDR HIST AUTO	Site / Adjoining Property

Sites within the Gateway Area with a recorded hazardous substance occurrence according to the Database Review are shown below in Table 3.6-3. Each location contains the site address, listed entity, and the database from which it was recorded. Additional detail of each database listing abbreviation is described below Table 3.6-3. It should be noted that an occurrence of a site from the Database Review in Table 3.6-3 does not necessarily equate to a hazardous material spill or leak. Many databases, such as the FID UST simply notes the presence of either active or inactive USTs. Where the information is available, the status of the potential hazardous case is presented.

Table 3.6-3. Listed Gateway Area Sites and Status

Site Address	Listed Entity	Database Listing Abbreviation	Status[1]
11th & M St	Reliable Hardware Co.	FID UST SWEEPS UST HIST UST LUST	
1217 11th St	Reliable Equipment Company	LUST	Case closed
		HIST UST	
1122 K St	Cahill Spirit – Gas Station	CERS HAZ WASTE UST	
	Cahill's Shell	EDR HIST AUTO	
		FID UST	
		LUST	Case closed
	Cahill Patriot	UST SWEEPS UST	

[1] Where the information is provided from the Database Review summary, the status of the potential hazardous case is presented.

Site Address	Listed Entity	Database Listing Abbreviation	Status[1]
14th & M St	Reid & Wright Lumber Mill	LUST	Case closed
		CPS-SLIC	Case closed
1198 W 13th St	Arcata Marina	RCRA-SQG	No violations
	Marv's Electric – Arcata Marina	SWEEPS UST	
1461 M St	Fisch Trust Property	LUST	Case closed
1188 13th St	Chris Richards Auto	CERS HAZ WASTE	
	Hitt Family Bypass Trust	LUST	Case closed
1215 M St	M Street Property	US Brownfields	
1235 K St	Rick's Body Shop	RCRA-SQG	No violations
		CERS HAZ WASTE	
1423 10th St	Stimson Lumber Company	LUST	
1445 10th St	Stimson Lumber Company	LUST	Case closed
901 O St	Schmidbauer Arcata Mill (South)	CPS-SLIC	Open-inactive
1217 11th St	Schmidbauer Arcata Mill	CPS-SLIC	Case closed
1065 K St	Wallace and Hinz	RCRA-SQG	No violations
		LUST	Case closed
1065-B K St	Albeewood Inc. – DBA German Motors of Arcata	CERS HAZ WASTE	
801 ½ K St	Apex Auto	CERS HAZ WASTE	
801 K St	Arcata Transmission Service	EDR HIST AUTO	
1380 9th St	Chevron 206128	RCRA-LQG	No violations
1380 9th St	Arcata Community Recycling Center	FID UST	
		LUST	Case closed
		CPS-SLIC	Open-Assessment & Interim Remedial Action
		HIST UST	
		SWEEPS UST	
1220 5th St	Wing Inflatables Inc.	RCRA-SQG	No violations
1220 5th St	Humboldt Waste Management Authority	CPS-SLIC	
1220 5th St	Beaver Lumber Company of Arcata	ENVIROSTOR	
		CPS-SLIC	Case closed
1385 8th St	FedEx Ground Package System Inc.	RCRA-SQG	No violations
		CERS HAZ WASTE	
820 N St	Brizard Company	LUST	Case closed
1191 9th St	Arcata Bekin Moving & Storage	SWEEPS UST	
		LUST	Case closed
660 K St	Lorenzo Service Center	HIST UST	

Site Address	Listed Entity	Database Listing Abbreviation	Status[1]
		FID UST SWEEPS UST	
1305 10th St	North Bay Automotive	CERS HAZ WASTE	
L & 8th St	Calif Central Creamery Building	CPS-SLIC	Case closed
480 G St	Ken's Auto Parts	LUST	Case closed
	G and K Engine Svc	RCRA-SQG	No violations
698 Samoa Blvd	Dean's Chevron	EDR HIST AUTO	
	Video Experience	LUST	Case closed
513 K St	SVDP Thrift Store, Former	LUST	Case closed
421 J St	Gas N Save at Arcata	HIST UST	
	Cash Oil of Arcata	EDR HIST AUTO SWEEPS UST FID UST	
	Humboldt Petroleum Inc. (#18)	UST CERS HAZ WASTE CERS TANKS	
	Arcata Texaco	LUST	Case closed
497 I St	Perkins Body Shop	CERS HAZ WASTE	
437 G St	Coast Oil Stations of Arcata	EDR HIST AUTO	
	Vagle's Uniontown Tire	LUST	Case closed
1680 Samoa Blvd	Soilscape Solutions LLC	SWF/LF	
570 K St	Rock Solid 4x4	CERS HAZ WASTE	
990 Samoa Blvd	Industrial Electric Service Co.	CERS HAZ WASTE	
698 4th St	99504	SWEEPS UST HIST UST	
	Chevron #9-5504	LUST	Case closed
550 K St	Whiteley Arcata Diesel CA	LUST	Case closed
1092 5th St	Whiteley Arcata Diesel Cardlck	SWEEPS UST FID UST	
1162 Samoa Blvd	Trombetta Warehouse	LUST	Case closed
665 4th St	Duncan, J M	EDR Hist Auto	
1162 Samoa Blvd	Ray Cavagnaro Inc.	SWEEPS UST HIST UST	
980 5th St	Neely Automotive	CERS HAZ WASTE	

Summary of Database Listing Abbreviations and Status Results

RCRA – Large Quantity Generator and RCRA – Small Quantity Generator

There are five SQGs and one LQG in the Gateway Area, all reported to have no violations. LQGs generate 1,000 kilograms (2,205 lbs) per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste. LQGs may accumulate waste on-site for 90 days, and there is no limit on the amount of hazardous waste accumulated on-site. SQGs generate more than 100 kilograms (220 lbs), but less than 1,000 kilograms (2,205 lbs) of hazardous waste per month. SQGs may accumulate hazardous waste on-site for 180 days without a permit and the quantity of hazardous materials on-site must never exceed 6,000 kilograms (13,228 lbs) (US EPA 2023).

ENVIROSTOR/Voluntary Cleanup Program

One active site was listed on the Department of Toxic Substance Control's ENVIROSTOR. ENVIROSTOR identifies sites that have known contamination or sites for which there may be reasons to investigate further.

Solid Waste Information System

One site is listed under the SWF/LF database, indicating that it is a solid waste facility, operation, and/or disposal site.

Spills, Leaks, Investigations, and Cleanups

Two active, one inactive, and four closed SLIC sites were identified in the Gateway Area. The SLIC database identifies sites with groundwater contamination unrelated to USTs.

CERS Hazardous Waste

Twelve hazardous waste sites were identified in the Gateway Area, and 18 additional sites within 0.25 mile of the Gateway Area were identified according to CERS. CERS is a statewide web-based system that supports the exchange of Unified Program-required information between local governments and the EPA. Unified Program information includes facility data regarding hazardous material regulatory activities such as hazardous material business plans, site maps, chemical inventories, underground and aboveground storage tanks, hazardous waste generation, and inspection compliance and enforcement actions.

EDR Exclusive Historical Gas Stations

Six historical automobile service stations were identified within the Gateway Area, and four additional sites were detected within 1/8 mile of the Gateway Area according to the Database Review.

Underground Storage Tanks

A UST is defined as "any one or combination of tanks, including pipes connected thereto, that is used for the storage of hazardous substances and that is substantially or totally beneath the surface of the ground." It should be noted that various databases detect the same UST and, therefore, the general number of USTs should be considered by the address rather than the database detections. However, it is possible that multiple USTs may exist at one address, i.e., a gas station.

– *Leaking Underground Storage Tanks*

  One active and 18 inactive LUST sites were identified within the Gateway Area. The inactive sites are remediated to the required level and are considered closed cases. The one active site is associated with the Stimson Lumber Company located at 1423 10th Street. Although current regulations requiring double-wall construction and leak monitoring equipment for USTs should reduce the number of releases in the future, many USTs installed in previous decades have failed, causing petroleum contamination in soils and groundwater. These releases are often discovered during tank removal or upgrade activities.

– *Active Underground Storage Tank*

  Two active USTs were identified in the Gateway Area; however, no leaks are reported at this time.

– *Summary of the Statewide Environmental Evaluation and Planning System, Hazardous Substance Storage Container Database, Facility Inventory Database and California Environmental Reporting System Tanks*

  Ten UST sites were identified within the Gateway Area and 31 additional UST sites were documented within 0.25 mile of the Gateway Area.

Other Hazardous Materials Concerns Related to the Study Area

Aerially Deposited Lead near Major Roadways

Aerially deposited lead is a common hazardous materials issue in developed areas. Soils adjacent to major roadways often contain elevated concentrations of lead. The lead deposition is the result of airborne particulates and surface water runoff associated with tailpipe emissions prior to the time lead was phased out of vehicle fuels.

Studies by Caltrans suggest that hazardous waste levels of lead, if present, are generally found in soils within 30 feet of the edge of the pavement. Properties located adjacent to the roadways may contain elevated concentrations of lead in exposed surface soils, which could pose a health hazard to construction workers and users of the properties. Lead is a state-recognized carcinogen (causes cancer) and reproductive toxicant (causes birth defects or other reproductive harm). Exposure to lead in soil could result in adverse health effects, depending on the duration and extent of exposure.

Lead, Asbestos, and Other Hazardous Materials in Buildings

Hazardous materials are commonly found in building materials that may be affected during demolition and renovation activities associated with redevelopment. Prior to 1978, lead compounds were commonly used in interior and exterior paints. Prior to the 1980s, building materials often contained asbestos fibers, which were used to provide strength and fire resistance. In addition, other common items are present in buildings, such as electrical transformers, fluorescent lighting, electrical switches, heating/cooling equipment, and thermostats that can contain hazardous materials that may pose a health risk if not handled and disposed of properly. The demolition of buildings has the potential to release lead particles, asbestos fibers, and/or other hazardous materials to the air where they may be inhaled by construction workers and the general public. Federal and state regulations govern the demolition of structures where lead or material containing lead is present, as discussed in Section 3.6.3.

Potential Receptors/Exposure

Schools and residences are examples of sensitive receptor locations that could be susceptible to significant effects from exposure to hazardous materials. Therefore, numerous sensitive receptors are within and adjacent to the study area boundary. The sensitivity of potential human receptors in the areas of known or potential hazardous materials contamination is dependent on several factors, the primary factor being an individual's potential pathway for exposure. Exposure pathways include dermal absorption, inhalation, and ingestion of tainted air, water, or food. Depending on the magnitude, frequency, and duration, human exposure to hazardous materials can cause a variety of health effects ranging from short-term acute symptoms to long-term chronic effects. The principal elements of exposure assessments typically include:

– Evaluation of the fate and transport processes for hazardous materials at a given site
– Identification of potential exposure pathways
– Identification of potential exposure scenarios
– Calculation of representative chemical concentrations
– Estimation of potential chemical uptake

Potential Receptors in the Gateway Area and Other Infill Opportunity Zones

Residences exist in all of the Infill Opportunity Zones. The Redwood Coast Montessori Arcata Campus is located at 793 K Street, which is in the proposed G-C District, and the Little Learners Center, a preschool located at 1111 M St., Littler Learners is located in the G-H District. No schools are located in the other Infill Opportunity Zones. However, one school (Arcata Elementary School) is located immediately adjacent to the Craftsman Mall Infill Opportunity Zone.

Fire Hazards

The study area is within the Arcata Fire Protection District. In responding to emergencies, local fire departments work closely with law enforcement, public utilities, the County Office of Emergency Services, and ambulance companies. The State Board of Forestry and Fire Protection classifies lands within the state for the purpose of determining areas in which the financial responsibility of preventing and suppressing fires is primarily the responsibility of the state, referred to as State Responsibility Area (SRA) and classifies other areas such as incorporated cities, urban regions, and agriculture lands as Local Responsibility Area (LRA) and federal lands as Federal Responsibility Area. The portion of the City's Planning Area south and east of the City limits is SRA and consists of timbered hillslopes. The California Department of Forestry and Fire Protection (CAL FIRE) identifies

Fire Hazard Severity Zones (FHSZs) within SRA and recommends FHSZs within LRAs throughout California. The study area is located within a LRA and is ranked as having a moderate fire hazard severity index (the lowest ranked hazard) or is unmapped. Additionally, Sanborn Fire Insurance maps of the Gateway Area assisted in the identification of historical land uses and commonly illustrate the existence and location of underground and aboveground storage tanks, structures, improvements, and facility operations.

Airports

The closest public airports to the study area are Murray Field, located near US 101 in Eureka approximately 3.9 aerial miles south-southwest from the southern boundary of the study area, and the Redwood Coast-Humboldt County airport, located approximately 6.0 aerial miles north from the northern boundary of the study area. There are no private airfields in the study area.

3.6.3 Regulatory Framework

Hazardous materials and hazardous wastes are subject to federal, state, and local laws and regulations intended to protect public health and safety and the environment. The U.S. EPA, U.S. Department of Transportation (DOT), California EPA, and Department of Toxic Substances Control are the primary agencies that enforce these regulations. The main focus of the federal OSHA and California OSHA are to prevent work-related injuries and illnesses, including those from exposures to hazardous materials. CAL FIRE implements fire safety regulations. In accordance with Chapter 6.11 of the California Health and Safety Code Section 25404, et seq., local regulatory agencies enforce many federal and state regulatory programs through the Certified Unified Program Agency program, including:

– State Uniform Fire Code requirements (Section 80.103 of the Uniform Fire Code as adopted by the State Fire Marshal pursuant to Health and Safety Code Section 13143.9); and
– Underground storage tanks (Chapter 6.7 of the Health and Safety Code, Sections 25280 et seq.).

The Certified Unified Program Agency for Humboldt County and the study area is the Humboldt County Division of Environmental Health.

Federal

The primary federal agencies with responsibility for hazardous materials management are the U.S. EPA, Department of Labor – U.S. OSHA, and the U.S. DOT. The section below addresses laws regarding the transport, storage, and use of hazardous materials as overseen by these agencies. Federal laws and regulations that are applicable to hazards and hazardous materials are also presented below.

Resource Conservation and Recovery Act

The federal RCRA regulates the treatment, storage, and disposal of hazardous and non-hazardous wastes. The law mandates that hazardous wastes be tracked from the point of generation to their ultimate fate in the environment. This includes detailed tracking of hazardous materials during transport and permitting of hazardous material handling facilities.

RCRA also provides for a regulatory program designed to prevent releases from USTs. The program establishes tank and leak detection standards, including spill and overflow protection devices for new tanks. The tanks must also meet performance standards to ensure that the stored material will not corrode the tanks. Owners and operators of USTs had until December 1998 to meet the new tank standards. As of 2001, an estimated 85 percent of USTs were in compliance with the required standards.

Comprehensive Environmental Response, Compensation, and Liability Act

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) introduced active federal involvement to emergency response, site remediation, and spill prevention, most notably the Superfund program. CERCLA was intended to be comprehensive in encompassing both the prevention of, and response to, uncontrolled hazardous substances releases. CERCLA deals with environmental response,

providing mechanisms for reacting to emergencies and to chronic hazardous material releases. In addition to establishing procedures to prevent and remedy problems, it establishes a system for compensating appropriate individuals and assigning appropriate liability. It is designed to plan for and respond to failure in other regulatory programs and to remedy problems resulting from action taken before the era of comprehensive regulatory protection.

Hazardous Materials Transportation Act

The Hazardous Materials Transportation Act is the principal statute regulating hazardous materials transportation in the United States. The purpose of the law is to provide adequate protection against the risks to life and property inherent in transporting hazardous materials in interstate commerce. This law gives the U.S. DOT and other agencies the authority to issue and enforce rules and regulations governing the safe transportation of hazardous materials.

Natural Gas Pipeline Safety Act

The Natural Gas Pipeline Safety Act authorizes the U.S. DOT Office of Pipeline Safety to regulate pipeline transportation of natural (flammable, toxic, or corrosive) gas and other gases as well as the transportation and storage of liquefied natural gas. The Office of Pipeline Safety regulates the design, construction, inspection, testing, operation, and maintenance of pipeline facilities. While the federal government is primarily responsible for developing, issuing, and enforcing pipeline safety regulations, the pipeline safety statutes provide for state assumption of the intrastate regulatory, inspection, and enforcement responsibilities under an annual certification. To qualify for certification, a state must adopt the minimum federal regulations and may adopt additional or more stringent regulations as long as they are not incompatible.

State

The primary state agencies that are responsible for overseeing regulations and policies regarding hazardous materials are the California Office of Emergency Services, California EPA, Department of Toxic Substances Control, Caltrans, California Highway Patrol (CHP), SWRCB, and California Air Resources Board (CARB). Several laws governing the generation, transport, and disposal of hazardous materials are administered by these agencies. State and local agencies often have either parallel or more stringent regulations than federal agencies. In most cases, state law mirrors or overlaps federal law and enforcement of these laws is the responsibility of the state or of a local agency to which enforcement powers are delegated. State laws and regulations that are applicable to hazards and hazardous materials are presented below.

California Health and Safety Code

California EPA administers laws and regulations governing the use of hazardous materials and the management of hazardous wastes. Many of these regulations are embodied in the California Health and Safety Code. The code includes regulations that govern safe drinking water, substances control, land reuse and revitalization, remediation, restoration, and methamphetamine contaminated property cleanups.

California Code of Regulations Title 22 and Title 26

Title 22 CCR provides state regulations for hazardous materials, and Title 26 CCR provides regulation of hazardous materials management. In 1996, California EPA established the “Unified Hazardous Waste and Hazardous Materials Management Regulatory Program” (Unified Program) which consolidated the six administrative components of hazardous waste and materials into one program.

For the purposes of this Draft EIR, “hazardous material” is defined as provided in California Health and Safety Code Section 25501:

– Any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment.

Hazardous materials include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment.

“Hazardous waste” is a subset of hazardous materials. For the purposes of this Draft EIR, the definition of hazardous waste is essentially the same as that in California Health and Safety Code Sections 25117 and 25141, and in Title 22 CCR Section 66261.2:

– Hazardous wastes are wastes that, because of their quantity, concentration, physical, chemical, or infectious characteristics, may either cause, or significantly contribute to, an increase in mortality or an increase in serious illness, or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Title 22 CCR categorizes hazardous waste into hazard classes according to specific characteristics of ignitibility, corrosivity, reactivity, or toxicity. Hazardous waste with any of these characteristics is also known as an RCRA waste.

Hazardous materials can be categorized as hazardous non-radioactive chemical materials, radioactive materials, toxic materials, and biohazardous materials. The previous definitions are adequate for non-radioactive hazardous chemicals.

There are countless categories of hazardous materials and hazardous wastes that could be found on any given property based on past uses. Some common examples include agrichemicals (chlorinated herbicides, organophosphate pesticides, and organochlorine pesticides, such as such as Mecoprop, Dinoseb, chlordane, dichloro-diphenyl trichloroethane (DDT), and dichloro-diphenyl dichloroethylene (DDE)), petroleumbased products (oil, gasoline, diesel fuel), a variety of chemicals including paints, cleaners, and solvents, and asbestos-containing or lead-containing materials (e.g., paint, sealants, pipe solder).

State Oversight and Enforcement of Hazardous Materials and Hazardous Waste

In California, the California EPA and Office of the State Fire Marshal are chiefly responsible for regulation, reporting and handling requirements for hazardous materials. The Department of Toxic Substances Control is chiefly responsible for regulation, handling, treatment, and disposal of hazardous waste. The SWRCB regulates discharge of potentially hazardous materials to waterways and aquifers and administers the basin plans for groundwater resources in the various regions of the state. The North Coast Regional Water Quality Control Board (NCRWQCB) oversees surface and groundwater quality in Humboldt County (as well as Del Norte, Glenn, Lake, Marin, Mendocino, Modoc, Siskiyou, Sonoma, and Trinity counties). Programs intended to protect workers from exposure to hazardous materials and from accidental upset are covered under OSHA at both the federal level and the state level, as well as through the California Department of Health Services (DHS). Air quality is regulated through CARB and North Coast Unified Air Quality Management District (NCUAQMD).

State Screening Levels

While there are many regulatory programs, there are fewer standards for determining exposure risks due to contamination. Currently, the NCRWQCB staff utilize the Department of Toxic Substances Control’s Human Health Risk Assessment Note 3 – Department of Toxic Substances Control -Modified Screening Levels to determine preliminary screening levels for soil and indoor air (NCRWQCB 2023). Databases for releases of hazardous materials or hazardous waste include ENVIROSTOR, maintained by Department of Toxic Substances Control, and GeoTracker maintained by SWRCB for underground or aboveground petroleum storage tank releases.

Safe Drinking Water and Toxics Enforcement Act

The Safe Drinking Water and Toxics Enforcement Act, often referred to as Proposition 65, was passed into state law in 1986. The purpose of this act is to protect drinking water sources from toxic contamination, warn people of potential exposure to toxic materials, and require certain government employees to report discharges of toxic materials or threatened discharges from businesses and facilities in their jurisdiction. This law requires the state

of California to develop a list of chemicals known to cause cancer or reproductive damage. The California Office of Environmental Health and Hazard Assessment manages the Proposition 65 List of Chemicals (OEHHA 2023).

State Hazard Mitigation Plan

The State Hazard Mitigation Plan is the official statement of the state's hazard identification, vulnerability analysis, and hazard mitigation strategy. The State Hazard Mitigation Plan is also a federal requirement under the Disaster Mitigation Act of 2000 for the state of California to receive federal funds for disaster assistance grant programs (Cal OES 2023). The State Hazard Mitigation Plan, prepared by the Office of Emergency Services, contains multiple goals and is to guide implementation activities to achieve the greatest reduction of vulnerability, which results in saved lives, reduced injuries, reduced property damages, and protection for the environment. The state Office of Emergency Services is currently working with the California Office of Planning Research to incorporate hazard mitigation planning into General Plan guidelines.

Hazardous Materials Transportation Act

Transportation of hazardous materials on the highways is regulated through the federal DOT and Caltrans. These agencies use a system of placards, labels, and shipping papers required to identify the hazards of shipping each class of hazardous materials. Existing federal and state laws address risks associated with the transport of hazardous materials. These laws include regulations outlined in the Hazardous Materials Transportation Act administered by the DOT. Caltrans is mandated to implement the regulations established by the DOT, which are published as CFR Title 49, commonly referred to as 49 CFR. The CHP enforces these regulations. Regulations of hazardous materials and wastes include the manufacture of packaging and transport containers; packing and repacking; labeling; marking or placarding; handling; spill reporting; routing of transports; training of transport personnel; and registration of highly hazardous material transport.

California Fire Safety Regulations

There are number of state regulations pertaining to fire hazards, including the following.

– **Public Resources Code Fire Safe Regulations**.
  - Earthmoving and portable equipment with internal combustion engines must be equipped with a spark arrestor to reduce the potential for igniting a wildland fire (PRC Section 4442).
  - Appropriate fire suppression equipment must be maintained during the highest fire danger period – from April 1 to December 1 (PRC Section 4428).
  - On days when a burning permit is required, flammable materials must be removed to a distance of 10 feet from any equipment that could produce a spark, fire or flame, and the construction contractor must maintain the appropriate fire suppression equipment (PRC Section 4427).
  - On days when a burning permit is required, portable tools powered by gasoline-fueled internal combustion engines must not be used within 25 feet of any flammable materials (PRC Section 4431).
  - PRC Section 4291 requires annual defensible space of 100 feet to be provided around all structures in or adjoining any mountainous area or land covered with forest, brush, grass, or other flammable material.

– **Wildland-Urban Interface Code.** Chapter 7A of the California Building Code and Chapter R337 of the California Residential Code contain standards associated with the construction of buildings in wildfire prone areas. Chapter 7 includes information related to building materials, systems and/or assemblies to be used in the exterior design and construction of new buildings located within a wildland urban interface area. Section 701A.3.2 requires that new buildings that require building permits must comply with all sections of the chapter if located in any fire hazard severity zone in SRAs, any very-high fire hazard severity zone in LRAs, or any wildland-urban interface fire area designated by the enforcing agency. In 2007, CAL FIRE developed a draft LRA fire hazard severity zone map for Humboldt County in which approximately two-thirds of the City was classified as either a moderate or high (CAL FIRE 2007). In 2008, CAL FIRE determined there were no very high fire hazard severity zones in LRAs in Humboldt County; therefore, they did not produce a Recommended LRA fire hazard severity zone map (CAL FIRE 2008).

- **California Fire Code**. This is the official code for the state of California and all political subdivisions. It is in of Title 24 CCR Part 9 (Title 24 is commonly referred to as the California Building Standards Code). The California Fire Code is revised and published every three years by the California Building Standards Commission. It was most recently published in 2022 (CBSC 2023).
- **Uniform Building Code.** This code may be adopted by counties and local jurisdictions with amendments and provides minimum standards for many aspects of fire prevention and suppression activities. These standards include provisions for access, water supply, fire protection systems, and the use of fire-resistant building materials.
- **California Health and Safety Code**. This code regulates the abatement of fire-related hazards. It also requires that local jurisdictions enforce the Uniform Building Code, which provides standards for fire-resistant building and roofing materials, and other fire-related construction methods.
- **California Code of Regulations**. CCR Title 19 establishes regulations related to fire prevention and engineering measures for new construction.
- **AB 337 (Bates Bill).** In response to the Oakland Hills fire of 1991, this bill was passed in 1992. It requires brush clearance and fire-resistant roof material (Class A, B, or C) to be used on all new construction that is in any fire hazard severity zone.

California Department of Forestry and Fire Protection

CAL FIRE protects the people of California from fires, responds to emergencies, and protects and enhances forest, range, and watershed values providing social, economic, and environmental benefits to rural and urban citizens. CAL FIRE responded to 7,490 wildfire incidents in 2022, which burned a total of 362,455 acres (CAL FIRE 2022).

Pursuant to PRC Sections 4201-4204 and Government Code Sections 51175-89, CAL FIRE has created FHSZ maps for the state that identify areas that are within state or local responsibility areas for preventing or suppressing fires. These maps identify areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. The FHSZ zones then define the application of various mitigation strategies to reduce risks associated with wildland fires. SRAs were originally mapped by CAL FIRE in 1985 and LRAs in 1996. Within SRAs, the Director of CAL FIRE has designated areas as moderate, high, and very high fire hazard severity zones. Outside of SRAs, but within LRAs the Director of CAL FIRE was charged with recommending the locations of very high fire hazard severity zones. The wildland urban interface is defined in this code as *"a geographical area identified by the state as a 'Fire Hazard Severity Zone' in accordance with the Public Resources Code Sections 4201 through 4204 and Government Code Sections 51175 through 51189, or other areas designated by the enforcing agency to be at a significant risk from wildfires."*

Section 30232 of the California Coastal Act – Oil and Hazardous Substance Spills

Protection against the spillage of crude oil, gas, petroleum products, or hazardous substances shall be provided in relation to any development or transportation of such materials. Effective containment and cleanup facilities and procedures shall be provided for accidental spills that do occur.

Local

The study area equates to the City limits, and the western portion of the study area (bisected by Samoa Blvd and Old Arcata Road) is also located within the Coastal Zone. Therefore, this section includes City of Arcata General Plan and City Local Coastal Program policies.

City of Arcata General Plan 2020

The City of Arcata General Plan 2020 addresses hazards and hazardous resources in its Public Safety Element. The following policies from the Arcata General Plan 2020 were used to analyze the difference in existing versus proposed policies in the Arcata General Plan 2045.

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1a: City Emergency Response Plan****. The City shall maintain a comprehensive response plan for emergencies, including seismic events, tsunamis, slope failures, floods, storms, fires, and materials spills or contamination. The plan will provide for timely and coordinated response to emergencies that threaten community residents, property, and vital services. The plan will identify City and other emergency response agencies that should be contacted, and also identify neighborhood resources available for more localized assistance and relief.*
- ***PS-1b: Evacuation routes/transportation facilities.*** *Emergencies such as floods, storms, fires, distantly generated tsunamis, and hazardous materials spills may necessitate immediate evacuation of affected areas. A map of evacuation routes shall be included in City and neighborhood emergency response plans. These plans will also include evacuation methods for residents who are without, or unable to operate, vehicles. An emergency access plan shall be developed for access to the east side of town (east of State Route 101) after a major seismic event.*
- ***PS-1c: Disaster preparedness coordination using the Standardized Emergency Management System.*** *City staff responsible for emergency response shall be trained in Standardized Emergency Management System (SEMS) implementation, which is necessary to receive reimbursement from the State of California for disaster response related costs. This training includes instruction about the Incident Command System (ICS) which is used to manage emergency incidents or non-emergency events.*
- ***PS-1d: Siting and design of critical facilities.*** *Adequate shelter and continued operation of essential services, including communications, medical treatment, water delivery, fire and police services, and key transportation facilities are vital for responding to emergencies. These facilities and services shall be located and designed to withstand disaster impacts and have backup systems, such as emergency generators and water storage (including private and open water sources), that allow for their continuous operation during emergencies. New critical facilities shall not be located in areas with high physical hazards, including high liquefaction potential, flood zones, and tsunami hazards. Critical facilities shall be designed to be functional at peak capacity, following a magnitude 7.7 earthquake in the Mad River fault zone.*
- ***PS-1e: Development & design standards for emergency response.*** *New and renovated structures, as well as streets, driveways, and alleyways, shall be designed to provide adequate entry and exit by emergency vehicles and personnel. This includes visible street numbering, emergency vehicle turn-arounds, accessible building entry points and stairways, lighting, and interior evacuation routes.*
- ***PS-1f: Citizen training/Neighborhood and Business Emergency Services Teams.*** *The City of Arcata Police Department coordinates the organization and training of Neighborhood Emergency Services Teams and Business Emergency Services Teams (NEST and BEST). The NEST program is essential for mobilizing neighborhood response to emergencies. The NEST program shall be expanded to all neighborhoods.*

Policy PS-5: Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5b: Review of development for fire safety****. The Arcata Volunteer Fire Department takes an active role in reviewing new development for compliance with fire safety standards. The City shall continue to incorporate Fire Department review to ensure that driveways, turns-arounds, and other access ways*

have sufficient width, vertical clearance, and turn-around space for fire fighting vehicles. Roadways shall have an all-weather surface and grades shall not exceed the Fire Department's maximum slope standards for emergency access.

- ***PS-5c: Water supply (fire flow).*** *The City's fire hydrant system provides the primary source of water for fighting urban fires. The City shall maintain fire hydrant spacing so that no residential structure is more than 500 feet from a hydrant and no commercial or industrial structure is more than 300 feet from a hydrant. Each hydrant shall have adequate fittings and be capable of providing adequate water flows to meet Fire Department standards.*

  The City shall maintain adequate fire flows in its water system. Open-water sources such as ponds, swimming pools, private storage tanks, and reservoirs may be used as a secondary water source by fire-fighting apparatus. These sources shall be equipped with appropriate filtering devices or strainers to prevent clogging of water pumps.

- ***PS-5d: Management of wildland fire hazards****. Wildland fires in forested areas of the City can cause property damage and threaten nearby structures. Buildings in forested areas shall use materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall encourage the Arcata Fire Department to maintain its mutual aid agreement with the California Department of Forestry and Fire Prevention (CDF) to insure rapid response to wildland fires.*

- ***PS-5e: Fire suppression services.*** *The Arcata Volunteer Fire Department's (AVFD) jurisdiction (shown as District #1 on the AVFD service area map) includes the City's incorporated, sphere of influence, and planning areas, except for an outlying area along Jacoby Creek Road. The AVFD maintains two fire stations to provide rapid response to all fire calls within its service area. They also maintain mutual aid agreements with the CDF and the Eureka Fire Department for rapid response to fires in outlying areas.*

Policy PS-6: Hazardous Materials

Objective. *Minimize the personal injury, property damage, and public health risks associated with the production, use, storage, disposal, and transporting of toxic substances or hazardous materials.*

Applicable sub-policies:

- ***PS-6a: Reduction of hazardous waste (source reduction).*** *There are increasing numbers of environmentally safe materials and substances available that offer alternatives to hazardous materials. Improved water-based paints that replace oil and lead based paints, cellulose insulation materials that replace asbestos, and biodegradable antifreezes that replace glycol-based coolants, are all examples of safer materials and substances currently in use. The City shall request information from County, State, and Federal agencies, as well as manufacturers and suppliers, regarding environmentally safe products and shall have a list of those products available to the public.*

- ***PS-6b: Contaminated sites.*** *There are sites in and around the City where wood product milling and production, vehicle and equipment storage and repair, agricultural production, and other uses may have resulted in site contamination. Materials such as lead based paints may also contribute to contamination. Many of these sites are inactive and may be appropriate for alternative uses. Environmental Site Assessments shall be required prior to development review and approval of potentially contaminated sites, and cleanup is required prior to reuse. The City shall record and map sites with known contamination.*

- ***PS-6c: Use of potentially harmful materials on public lands and rights-of-way.*** *The City of Arcata does not use toxic sprays or substances on vegetation in public lands or rights-of-way, and has been persuasive in stopping State agencies, such as Cal-Trans, from using toxic sprays along State rights-of-way within the City limits. The City shall continue this practice and prohibit other public agencies from using toxic sprays or substances within the City limits (see Resource Conservation and Management Element Policy RC-1i).*

- ***PS-6d: Siting of facilities handling hazardous waste.*** *Businesses and agencies that use, store, or produce hazardous materials shall train employees and other users in safe handling and storage procedures, and shall post current Occupational Safety and Health Act (OSHA) and Humboldt County hazardous materials requirements. Businesses shall also comply with Federal "community right-to-know" regulations. The City shall consider proximity to sensitive receptors, such as schools, hospitals and other health care facilities, day care centers, and other immobile populations, when reviewing new facilities and businesses involved in these activities.*

- ***PS-6e: Household and other small-quantity generators.*** *Households and small businesses accumulate solvents and cleaners, petroleum products, pesticides, and other toxic substances that are potentially hazardous if spilled, released into the atmosphere, or ingested. The City shall maintain a list of toxic substances which should be avoided and publicize collection dates and locations where these substances can be disposed of properly. The City shall coordinate with the County Hazardous Materials Department (Humboldt County) and the State Department of Toxic Substances Control (California Environmental Protection Agency) to ensure that collection sites are accessible to community residents.*

  The City shall also encourage property owners and real estate agents to remove hazardous materials, or disclose their presence, to purchasers as part of property transfers. Property purchasers should have the option of accepting certain materials, such as paint, or requesting removal and cleanup prior to the property transfer.

- ***PS-6f: Hazardous waste management (recycling, treatment, disposal).*** *All commercial and industrial businesses and other operations that use, store, or produce hazardous materials, shall contract with a licensed hauler for pickup and disposal of waste materials, except for individual disposal complying with County, State and Federal requirements. All hazardous materials shall be stored in safe containers and locations, and use of these materials shall be in compliance with County, State and Federal standards.*

- ***PS-6g: Hazardous materials education program.*** *The City shall work with the Humboldt County Health Department and the California Department of Toxic Substances to develop educational materials explaining hazardous materials' impact on people, plants, and animals, and provide information on alternatives to hazardous materials. This information shall be made available to the public.*

Proposed City of Arcata General Plan 2045

All City of Arcata General Plan 2020 policies listed above are carried over into the Arcata General Plan 2045, with the exception of the following policies which contain slight modifications between the Arcata General Plan 2020 and the proposed Arcata Draft General Plan 2045 and the new policies presented below:

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1b: Evacuation routes/transportation facilities.*** *Emergencies such as floods, storms, fires, tsunamis, and hazardous materials spills may necessitate immediate evacuation of affected areas. A map of evacuation routes shall be included in City and neighborhood emergency response plans. These plans will include evacuation methods using a variety of available modes for transportation. An emergency access plan shall be developed for access to the east side of town (east of State Route 101) after a major seismic event.*

  While a majority of the neighborhoods in the City have at least two potential evacuation routes in the event of an emergency, there are some areas with only one evacuation route. Residential areas with only one evacuation route include upper Diamond Drive, California Avenue, Fickle Hill Road, Beverly Way, a portion of Beverly Drive, and others in the Grotzman Creek drainage. The City's emergency

operations plan shall identify and include evacuation options for these areas and shall include public education and outreach.

- ***PS-1f: Citizen training/Community Emergency Response Teams.*** *The City of Arcata Police Department, in cooperation with the Humboldt CERT Coalition and the Humboldt County Office of Emergency Service, coordinates the organization and training of the Arcata Community Emergency Services Response Teams (CERT). The CERT program is essential for mobilizing neighborhood response to emergencies. The CERT program shall be expanded to all neighborhoods.*

Policy PS-3: Other Geologic Hazards and Airspace Protection

Objective. *Protect existing and new structures from non-seismic geologic hazards such as unstable slopes and soils. Require that all non-seismic geologic hazards be adequately addressed and mitigated. Ensure new development does not result in hazards to air navigation.*

Applicable sub-policy:

- ***PS-3g: Airspace protection.*** *Inform land use action proponents located below the airspace protection surfaces of California Redwood Coast-Humboldt County Airport, as shown in the Humboldt County ALUCP, of the FAA notification requirements defined in Title 14 of the Code of Federal Regulations, Part 77. Evaluate such land uses to ensure that new development will not result in an obstruction or a potential hazard to aircraft in flight such as uses creating electrical interference, confusing lights, glare, or other disturbances are also restricted from areas beneath the airspace protection surfaces.*

Policy PS-5: Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5b: Review of development for fire safety.*** *The Arcata Fire Protection District (AFPD) reviews new development for compliance with fire safety standards. The City shall continue to incorporate review by the District to ensure that buildings and sites adhere to relevant fire and building codes, including sprinklers, vertical clearance, and turn-around space for fire fighting vehicles.*

- ***PS-5c: Water supply (fire flow).*** *The City's fire hydrant system provides the primary source of water for fighting urban fires. The City shall maintain fire hydrant spacing so that no residential structure is more than 500 feet from a hydrant and no commercial or industrial structure is more than 300 feet from a hydrant. Each hydrant shall have appropriate fittings and be capable of providing adequate water flows to meet the California Fire Code requirements.*

  The City shall maintain adequate fire flows in its water system. Open-water sources such as ponds, swimming pools, private storage tanks, and reservoirs may be used as a secondary water source by fire-fighting apparatus. These sources shall be equipped with appropriate filtering devices or strainers to prevent clogging of water pumps.

- ***PS-5d: Management of wildland fire hazards.*** *Fires in the wildland urban interface (WUI) areas of the City can cause property damage and threaten nearby structures. Buildings in WUI areas shall use materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall support the ongoing implementation of the Humboldt County Community Wildfire Protection Plan (CWPP) and encourage residents in WUI areas to follow its recommendations. The City supports the AFPD in maintaining its mutual aid agreement with the California Department of Forestry and Fire Prevention (CAL FIRE) to insure rapid response to wildland fires.*

- ***PS-5e****:* ***Wildland Fire Risk Reduction and Defensible Space Around Homes.*** *The City will draw on available local and regional guidance and support efforts to reduce wildland fire risk. To do so, the City encourages creating defensible space around homes and other structures in wildlands and the wildland urban interface. The City shall support programs and plans that reduce wildland fire risk.*

The following policies addressing hazardous materials are new to the Arcata General Plan 2045:

Policy PS-1: Emergency Preparedness

Objective: *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1g: Humboldt County Operation Area Hazard Mitigation Plan (Hazard Plan).*** *The 2019 Humboldt County Operational Area HMP and City of Arcata Annex is adopted by reference into the General Plan. General Plan policies and actions shall support its goals and objectives and incorporate policies and programs to address the climate vulnerabilities identified in the City of Arcata Annex.*
- ***PS-1f: Severe Weather Hazards.*** *Ensure that utilities, buildings, and infrastructure in the City can meet vital community needs during and after severe weather.*

Policy PS-8: Climate Adaptation and Resiliency

Objective. *The City will continue to support and monitor research about the nature of all hazards in Arcata, including research on prediction and warning systems, community vulnerability and consequences assessments, and improvements to building performance and resilience. The City will continue to pursue efforts that minimize Arcata's contribution to climate change by reducing greenhouse gas emissions and protecting people, the built environment, and the natural environment from the impacts of climate change.*

- ***PS-8a: Land Use and Urban Development.*** *Compact urban development has co-beneficial climatic effects, including reducing greenhouse gases, preserving habitats, producing healthy vibrant communities, and facilitating opportunities for environmental justice. The City shall support land use activities that promote compact, climate-friendly design, such as infill development, densification, and regenerative building design. City projects and private developments shall be designed to consider multi-benefit solutions that mitigate hazard risk and support the City's climate goals.*

  Urban design and development will be informed by the latest climate science to determine how to best protect and modify existing public and private infrastructure and assets and how to design new infrastructure and assets. Urban design and development should also take environmental justice considerations into account, working to eliminate disparities and burdens related to all hazards and the climate crisis for all people in Arcata.

- ***PS-8b: Greenhouse Gas Reduction.*** *City actions shall reduce local contributions towards climate change by mitigating greenhouse gases and increasing carbon sequestration. The City shall update relevant plans and policies periodically to meet State and local climate goals.*

  1. *Encourage reduction in greenhouse gas emissions, by providing alternatives to use of gas powered vehicles. Such alternatives include public transit, alternatively fueled vehicles, bicycle and pedestrian routes, and bicycle- and pedestrian-friendly development design.*
  2. *Encourage and facilitate investments in renewable energy and green technology.*
  3. *Prioritize nature-based solutions that restore ecosystem function and maximize ecological benefits to plants, animals, and people.*

- ***PS-8c: Regional Collaboration.*** *The City shall continue to participate in regional multi-agency efforts to coordinate climate mitigation and adaptation and ensure Arcata becomes more resilient to the threats of climate change.*
- ***PS-8d: Sea Level Rise.*** *Incorporate consideration of sea level rise and other associated climate impacts into public and private infrastructure and asset design and land use planning. The City shall continue to work with local, regional, state, and federal partners and utilize best available science to maximize the safety, environmental performance and climate adaptability of all new development.*

- ***PS-8e: Food Security and Resilience****. The North Coast has abundant resource lands, agricultural lands, and fishing grounds. The City shall develop partnerships, networks, and systems to promote resilience and redundancy in our local food cultivation, production, distribution, and storage sectors.*
- ***PS-8f: Wildfire Response and Preparedness.*** *Climate change has the potential to affect multiple elements of the wildfire system: fire behavior, ignitions, fire management, and vegetation fuels. California's Fourth Climate Change Assessment - North Coast Regional Report states that "(f)uture wildfire projections suggest a longer fire season, an increase in wildfire frequency, and an expansion of the area susceptible to fire." The City shall continue to work with local, regional and state partners to adapt and improve the City's fire response and preparedness protocols to respond to areas that will become more susceptible to fire over time within the City limits and Planning Area.*
- ***PS-8g: Traditional Ecological Knowledge.*** *The City of Arcata acknowledges the value of Indigenous sciences and knowledge and the need for Indigenous perspectives in responding to the climate change crisis. The City shall work to support Indigenous-led climate adaptation approaches and shall work collaboratively with tribes and tribal governments for mitigation, adaptation, and resilience to climate change. This policy applies to all previous policies in this section.*

City of Arcata Local Coastal Plan

Consistent with Section 30232 of the California Coastal Act (stated above).

City of Arcata Emergency Operations Plan

The City of Arcata Emergency Operations Plan informs the City's response to and recovery from emergencies and disasters as well as outlines coordination among departments and regional partners. The Emergency Operations Plan primarily addresses the following local hazards in the Arcata area: wildfire, major structure fire, extreme weather, flooding, landslides, hazardous materials, oil spill, energy shortage, power outages, earthquake, tsunamis, dam failure, communicable disease outbreak, civil disturbance, and mass casualty incident. The 2021 Emergency Operations Plan update integrated results from the Humboldt County Operational Area Hazard Mitigation Plan (Humboldt County 2020a, 2020b) evaluation of hazards affecting the City.

Humboldt County Operational Area Hazard Mitigation Plan

The Humboldt County Operational Area Hazard Mitigation Plan (HMP) 2019 is a multi-jurisdictional plan to identify and reduce hazards before any type of hazard event occurs (Humboldt County 2020a, 2020b). The HMP aims to reduce losses from future disasters such as dam failure, drought, earthquake, fish losses, flooding, landslide, severe weather, tsunami, and wildfire. The HMP also includes a vulnerability analysis and proposed initiatives designed to minimize future hazard-related damage. The 2019 update was approved by the California Governor's Office of Emergency Services in 2019. In 2020 the Federal Emergency Management Agency (FEMA) determined the HMP is eligible for approval pending adoption by participating jurisdictions. The City adopted the HMP on March 18, 2020 to guide pre- and post-disaster mitigation of the hazards identified.

The HMP included risk assessment modeling that took into account the following:

– Hazard identification and profiling,
– Assessment of the impact of hazards on physical, social, and economic assets,
– Identification of particular areas of vulnerability, and
– Estimates of the cost of potential damage.

Based on the risk assessment, Arcata's hazard risk ranking includes the following hazards and levels of risk:

– High Risk Category: landslides, severe weather, earthquake, and sea level rise;
– Medium Risk Category: wildfire, dam failure, flooding, and tsunami; and
– Low Risk Category: drought.

Other noted jurisdiction-specific vulnerabilities included water storage, aging infrastructure, critical facilities, and emergency shelters.

Humboldt County Emergency Operations Plan

The 2015 Humboldt County Emergency Operations Plan for the Humboldt Operational Area addresses the planned response to extraordinary emergency situations associated with natural disasters, technological incidents, and national security emergencies in or affecting Humboldt County (Humboldt County 2015). The Emergency Operations Plan addresses integration and coordination with other governmental levels when required. The Emergency Operations Plan accomplishes the following:

– Establishes the emergency management organization required to mitigate any significant emergency or disaster affecting Humboldt County.
– Identifies the policies, responsibilities, and procedures required to protect the health and safety of Humboldt County communities, public and private property, and the environmental effects of natural and technological emergencies and disasters.
– Establishes the operational concepts and procedures associated with field response to emergencies, County Emergency Operations Center activities, and the recovery process.

Humboldt County Community Wildfire Protection Plan

The Humboldt County Community Wildfire Protection Plan serves as the guiding document for the work of the Humboldt County Fire Safe Council (Humboldt County 2019). The Community Wildfire Protection Plan contains six goal areas:

1. Wildfire Ignition Prevention: Reduce human-caused wildfire ignitions;
2. Wildfire Preparedness: Increase community resilience and adaptation to wildfire;
3. Disaster Preparedness: Increase resident's ability to effectively prepare for and survive wildfire;
4. Fire Protection: Support fire protection for people, property, communities, and natural resources;
5. Restoration of Beneficial Fire: Restore beneficial fire at the landscape level; and
6. Integrated Planning: Maximize integration of planning efforts to improve community; and ecosystem resilience to wildfire.

The Community Wildfire Protection Plan breaks the county down into 14 planning units in order to gain community feedback and to create individual plans relevant to the particular community. Arcata is located in the Humboldt Bay Planning Unit (Unit 8), which covers all areas within the greater Humboldt Bay Area. The Humboldt Bay Area Plan identifies community assets and values at risk, the wildfire environment, fire protection capabilities, evacuation, community preparedness, wildfire prevention plans, community identified potential projects, and an action plan. The plan states that evacuation routes within the Planning Unit will depend on the location of the community at risk and law enforcement recommendations based on fire behavior, wind patterns, traffic, and ingress of emergency vehicles. Evacuation from within this Planning Unit will take place traveling either north or south along Highway 255.

3.6.4 Evaluation Criteria and Significance Thresholds

Based on Appendix G of the CEQA Guidelines, a hazards or hazardous materials impact is considered significant if implementation of the proposed Arcata General Plan 2045 would do any of the following:

– Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials;
– Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment;
– Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school;
– Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or the environment;

- Be located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, where implementation of the plan could result in a safety hazard or excessive noise for people residing or working in the study area;
- Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; or
- Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires.

3.6.5 Methodology

A database review covering the Gateway Area was completed to identify and address existing conditions related to hazards and hazardous materials. It should be noted that the database review is in general conformance with the *American Society for Testing Materials* Standard #1527-13 (Standard), Standard Practice for Phase I Environmental Site Assessments (ESAs), however, it does not satisfy all the requirements of a Phase I ESA, because no site reconnaissance, Freedom of Information Act requests, User Questionnaire or key site manager interviews were conducted, in keeping with the high level of review appropriate for citywide policy documents.

3.6.6 Impacts and Mitigation Measures

Impact HAZ-a, b: **Would adoption and implementation of the Arcata General Plan 2045 create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, or the reasonably foreseeable upset or accident conditions involving release of hazardous materials into the environment?**

Study Area

Current land uses, as well as future land uses under the Arcata General Plan 2045, involve or would involve the generation, transport, use, and disposal of hazardous materials, including but not limited to: petroleum products vehicles and equipment, paints, asphalt materials, concrete curing compounds, and solvents. As discussed in Section 3.6.2, a wide variety of commercial and industrial businesses and residences currently use hazardous materials and each year releases occur, which require regulatory oversight to protect human health and the environment. All construction and demolition activities in the study area would require a pre-project screening (described below) and appropriate permits from federal, state, and local entities. Any projects involving asbestos or lead based paint would also occur in compliance with NCUAQMD Rule 401 and OSHA Construction Safety Orders, which would ensure that hazardous materials impacts would be less than significant.

Sensitive receptors, including children, the elderly, and the infirm, are more susceptible to health effects from hazardous materials than the general population. As previously discussed, hazardous materials must be handled properly to prevent significant releases that could affect sensitive receptors. Schools must be sited to prevent them from being located near hazardous materials sites. Additionally, the federal, state, and local regulations described in Section 3.6.3 address and reduce potential risks associated with hazardous material use, transport, storage, and exposure of hazardous materials to sensitive receptors.

Although hazardous materials releases cannot feasibly be eliminated and potential risk of exposure to sensitive receptors cannot be reduced to zero, no reasonably foreseeable upsets or accidents exist and implementation of existing regulations and policies under the proposed Arcata General Plan 2045 would reduce these potential risks to a less than significant level.

Proposed individual developments within the study area may be required to conduct project-specific environmental screening such as a Phase I ESA to confirm conditions have not changed from what is shown in (or absent from) the database review and/or GeoTracker investigations. If no new potentially significant project-level hazards or hazardous materials are identified during the environmental screening, and the project otherwise qualifies for ministerial streamlining per the Gateway Code, then the project is ministerial per Arcata development

code and qualifies for a CEQA Statutory Exemption per Section 15268. If new or existing potential significant project-level hazards or hazardous materials impacts are identified as compared to the existing database review and/or GeoTracker investigation, the proposed project would require specific mitigation measures prior to being eligible for streamlined ministerial review.

Additionally, individual developments would be required to conduct an asbestos and lead paint survey to determine if demolition and/or construction practices would need to account for the presence of asbestos and lead paint. Due to the routine nature of demolition and general handling of materials containing asbestos and lead paint, the presence of asbestos and lead paint would not necessarily trigger the Project to be considered discretionary, and it may still be considered principally permitted if implemented in accordance with NCUAQMD Rule 401 and OSHA Construction Safety Orders, which would ensure that hazardous materials impacts would be less than significant.

Gateway Area and Other Infill Opportunity Zones

Development is expected to occur within the Infill Opportunity Zones at a faster rate than throughout the remaining City limits. Therefore, the potential for impacts regarding hazardous materials is expected to be higher within these areas. To manage and reduce this risk, the environmental screening mentioned above would be implemented throughout the entirety of the study area, which is anticipated to occur more frequently within the Gateway Area and other Infill Opportunity Zones.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HAZ-c: Would adoption and implementation of the General Plan emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

There are 16 schools (including Cal Poly Humboldt) within the City, and, as discussed in Section 3.6.2, hazardous materials exist and are presently used within City limits. Existing regulations manage generation, use, storage, transportation, and disposal of hazardous materials, and existing zoning code manages the types of land uses located in the vicinities of schools. Implementation of the General Plan 2045 would not specifically enable the handling or emissions of hazardous waste within one-quarter mile of existing or proposed schools; however, the inherent potential for the handling or emission of hazardous waste within one-quarter mile of a school cannot be eliminated. Existing and future laws covering the transport, use, and disposal of hazardous materials would be implemented to protect sensitive receptors (i.e., school children and adolescents). Additionally, with adherence to applicable federal, state, and local regulations governing hazardous materials and compliance with the existing and proposed General Plans 2020 and 2045 policies listed above in Section 3.6.3, the potential risks associated with hazardous wastes in the study area, including the Gateway Area and other Infill Opportunity Zones, would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HAZ-d: Would adoption and implementation of the General Plan include site(s) which are included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

The provisions in Government Code Section 65962.5 are commonly referred to as the "Cortese List." A search of the Cortese List (DTSC 2023) was completed to determine if any known hazardous waste sites have been recorded within the study area. No sites within the study area are considered to be on the “Cortese List.”

According to the SWRCB's GeoTracker, there are 11 active cleanup sites within the study area (see Figure 3.6-1). Of that total, five are proposed within infill areas (three in the Gateway Area, and two in the Downtown area). As discussed in impact question HAZ-a, b, proposed individual developments within the study area may be required to conduct project-specific environmental screening such as a Phase I ESA to confirm conditions have not changed from what is shown in (or absent from) the database review and/or GeoTracker investigations. If no new potentially significant project-level hazards or hazardous materials are identified during the environmental screening, and the project otherwise qualifies for ministerial streamlining per the Gateway Code, then the project is ministerial per Arcata development code and qualifies for a CEQA Statutory Exemption per Section 15268. If new or existing potential significant project-level hazards or hazardous materials impacts are identified as compared to the existing database review and/or GeoTracker investigation, the proposed project would require specific mitigation measures prior to being eligible for streamlined ministerial review.

Therefore, although there are no sites currently within the study area that are on the Cortese List, potential new development would be screened to confirm that the site in question is not considered a Cortese List site. If the site is considered a Cortese List site per CEQA Guidelines Section 15300.2(e), it would be considered a discretionary project and permits and/or mitigation measures would be implemented to reduce potential impacts of handling hazardous waste materials to a less-than-significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HAZ-e: **For areas located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would adoption or implementation of the General Plan result in a safety hazard or excessive noise for people residing or working in the General Plan jurisdictional area (City limits)?**

The study area is not located within an airport land use plan. The northern extent of the City limits is approximately 4 miles from the Redwood Coast-Humboldt airport and the southern extent of the City limits is approximately 3.9 miles from the Murray Field private airport. Due to the anticipated development within City limits, particularly within the Gateway Area, throughout the planning period, the General Plan 2045 proposes Policy PS-3g which states that new development would be reviewed to ensure that no obstructions or potential hazard to aircraft in flight would occur. Potential hazards could include electrical interference, confusing light, glares or other disturbance beneath the airspace protection surface. Due to the absence of an existing airport land use plan that covers the City, uncertainty of whether a future airport land use plan would be created that covers the City, and with inclusion of Policy PS-3g, no impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact HAZ-f: **Would adoption and implementation of the General Plan impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

A component of the General Plan 2045 is to prepare a City Emergency Response Plan (see Policy PS-1a and 1b), which would include a map of evacuation routes, and methods for residents who are without or are unable to operate a vehicle. The emergency access plan would include access to the east side of town (east of US 101) after a major seismic event. Currently the City utilizes their 2021 Emergency Operations Plan, which does not contain specific evacuation routes. The City plans to update their Emergency Operations Plan to provide evacuation routes and methods for residents who are without or are unable to operate a vehicle. Implementation of the General Plan 2045 would not impair or physically interfere with the City's adopted 2021 Emergency Operations Plan. Therefore, no impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact HAZ-g: Would adoption and implementation of the Arcata General Plan 2045 expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Study Area

CAL FIRE is required by law to map areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. These FHSZs influence how people construct buildings and protect property to reduce risk associated with wildland fires. Zones are ranked as moderate, high, or very high based on fuel loading, slope, fire weather, and other relevant factors including areas where winds may be a major cause of wildfire spread. In 2007, CAL FIRE developed a draft LRA FHSZ map for Humboldt County in which approximately two-thirds of the City was classified as either moderate or high (CAL FIRE 2007). The Infill Opportunity Zones are located in either unmapped areas or areas ranked as moderate fire hazard severity. In 2008, CAL FIRE determined there were no very high FHSZs in LRAs in Humboldt County; therefore, they did not produce a recommended LRA FHSZ map (CAL FIRE 2008). The 2007 map was not adopted by the City or Arcata Fire District. Although not adopted, the physical conditions in those areas have a low likelihood of expected fire behavior over a 30 to 50-year period.

Gateway Area and other Infill Opportunity Zones

The Gateway Area is within a developed area with no mapped fire hazard severity. Implementation of the General Plan 2045 would not directly or indirectly expose people or structures to a significant risk, loss, injury, or death involving wildfires due to the low likelihood of wildfire as mapped by the fire hazard severity index. Additionally, all construction would acquire the required permits to protect against hazardous materials related fires. The General Plan 2045 contains Policy PS-5 to minimize the risk of personal injury and property damage resulting from urban and wildland fires. Policies include development and design standards for non-residential and residential buildings to ensure fire safety, development review by Arcata Fire District, and requirements for adequate hydrant water supply for fire flow. Additional policies related specifically to wildland fire hazards include design standards for structures in the wildland urban interface, support for implementation of defensible space around homes, and considerations for City infrastructure and service project review related to climate change exacerbated wildfire hazards. For these reasons, implementation of the General Plan 2045 would not increase the existing risk of wildland fires to people or structures. A less than significant impact would occur.

Areas Outside the Study Area

Areas adjacent to the City are located within the SRA and ranked as having a moderate or high fire hazard severity index. See Section 5.7 – Wildfire for discussion on potential impacts involving wildfires from implementation of the General Plan 2045. This section utilizes the City's Planning Area boundary as the study area, which includes the City's wildland urban interface and portions of the SRAs outside the City limits (see Figure 2-1 – City of Arcata Planning Areas).

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.6.7 Cumulative Impacts

Impact HAZ-C-1: Would the adoption and implementation of the General Plan contribute to a cumulatively significant impact to Hazards and Hazardous Conditions?

Impacts associated with hazardous materials are often site-specific and localized. However, for purposes of this cumulative analysis, the geographic context for cumulative hazards impacts would be the study area, which equates to the City limits.

Since the proposed General Plan 2045 takes into account all projected future growth and development within the study area, compliance with all applicable federal, state, and local regulations related to hazardous materials on a project-by-project basis would ensure that the routine transport, use, or disposal of hazardous materials would not result in adverse impacts. All demolition activities in the study area, particularly the Gateway Area, that would involve asbestos or lead based paint would also occur in compliance with NCUAQMD Rule 401 and OSHA Construction Safety Orders, which would ensure that hazardous materials impacts would be less than significant. Additionally, site specific environmental screening would be conducted at sites to confirm the presence or absence of hazardous materials has not changed as compared to the database review and/or GeoTracker investigation conducted in this Draft EIR. Where contaminated soils or groundwater occur, federal and state regulations would be implemented to minimize the exposure of workers and the public to hazardous substances. With adherence to applicable federal, state, and local regulations governing hazardous materials and compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with hazardous wastes in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.6.8 References

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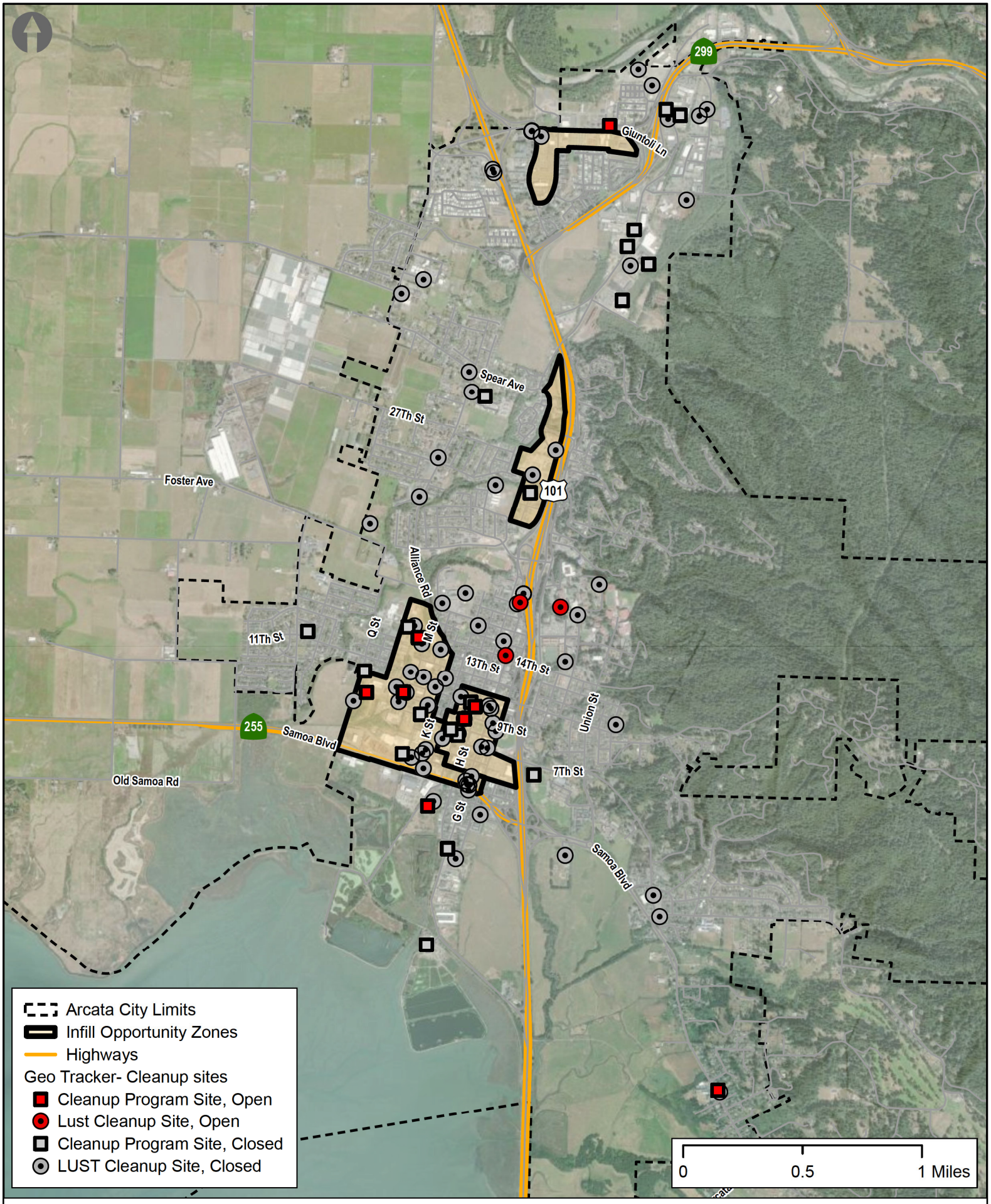

Figure 3.6-1: City of Arcata Geo Tracker - Cleanup Sites

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

3.7 Land Use and Planning

This section evaluates the potential impacts related to land use and planning resulting from adoption and implementation of the General Plan 2045.

Multiple comments related to land use and planning were received in response to the Notice of Preparation circulated for the proposed General Plan 2045. Comments included those related to concerns about building scale (i.e., height, setback), incentives for building development, consistency with regional transportation plans, and updates to the sphere of influence.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to land use and planning, and the Impact Analysis section establishes the thresholds of significance, evaluates potential hazard-related impacts, and identifies the significance of impacts.

3.7.1 Study Area

The General Plan 2045 contains four geographic planning features: the City limits, Urban Services Boundary, Sphere of Influence, and Planning Area. These features, along with the policies that guide related development activities, such as annexation, constitute much the City's growth management program. The General Plan 2045 relies on an infill strategy, intended to focus future growth within the existing City limits. No new or amended land uses or zoning changes are proposed for the areas within the Urban Services Boundary, Sphere of Influence, or Planning Area. Additionally, the City does not expect to annex for urban development. In the event that annexation becomes of future interest to the City, the potential environmental impacts associated with such action would be evaluated under CEQA at that time. Therefore, for impact assessment related to land use and planning, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.7.2 Setting

Existing Land Use and Planning within the Study Area

Arcata's existing land use is a mix of residential, commercial, industrial, public facilities, agriculture, and natural resource (open space) uses (Table 3.7-1). The predominant urban land use in the City is residential, which makes up 26.6% of the land base; the vast majority of which has a low or very low residential designation. Agriculture and natural resources uses are the second and third-most common use types within the City, consisting of 20.0% and 33.7% of the land base, respectively. The majority of these agricultural and natural resource areas are provided as green belt buffers along the City limits. Over 700 acres, principally natural resources, have been annexed since the adoption of the General Plan 2020.

Other urban uses include industrial areas with 8.6% of the land base, public facility uses (including Cal Poly Humboldt) with 8.6%, and commercial areas with 2.5%, respectively. The City's industrial hubs are located along South G Street, Samoa Blvd, K Street, St. Louis Road, Giuntoli Lane, and West End Road. The largest commercial area is within the Valley West area, in northern Arcata. Additional neighborhood scale commercial areas are located near some residential areas.

Table 3.7-1: Land Use Plan Categories and Acreages in 2020

Arcata General Plan: 2020 Land Use Designations		Acres	%
A-E	Agriculture – Exclusive	1038.9	19.4
A-R	Agriculture – Residential	34.2	0.6
C-C	Commercial – Central	25.4	0.5
C-G	Commercial – General	47.6	0.9

Arcata General Plan: 2020 Land Use Designations		Acres	%
C-M	Commercial – Mixed	16.9	0.3
C-VS	Commercial – Visitor Serving	42.2	0.8
I-G	Industrial General	173.5	3.2
I-L	Industrial Limited	285.7	5.3
NR	Natural Resources	1,806	33.7
NZ	Not Zoned	0.9	0.0
PF	Public Facilities	459.9	8.6
R-H	Residential – High Density	151.1	2.8
R-L	Residential – Low Density	577.8	10.8
R-M	Residential – Medium Density	162.9	3.0
R-VL	Residential – Very Low Density	533.2	10.0
	Total	**5,356.3**	**100**

Note: The numbers above do not include road rights-of-way, interchanges, and the portion of Arcata Bay within the City limits, nor Jacoby Creek Forest. These combined areas covered an additional 2,251 acres when General Plan 2020 was adopted.

The City has developed around a central core, which supports the highest density and the most diverse mix of urban uses. The Plaza and surrounding blocks are made up predominantly of commercial and residential uses. Retail commercial businesses occupy the majority of the storefronts surrounding the Plaza, with professional offices, non-profit organizations, financial institutions, entertainment, health care, and related uses most prevalent on the adjacent blocks. Civic uses, such as the post office, ballfield, fire station, transit center, services center, and City Hall, are all located within two blocks of the Plaza.

The most prominent of the neighborhood centers and employment areas are described in the Project Description and include:

– Valley West / Giuntoli Lane Neighborhood Center
– Westwood / Sunset Neighborhood Center
– Sunny Brae Neighborhood Center
– Bayside Neighborhood Center
– West End / Aldergrove Employment Center
– Samoa Boulevard and South G Street Employment Center (formerly called the West Samoa Boulevard Employment Center)
– Gateway Area

Proposed Land Use and Planning within the Study Area

While land use allocations are presented herein for context, it is important to note that such allocations between General Plan 2020 and General Plan 2045 do not readily lend themselves to an objective comparison of land uses, since the Gateway Area designations did not previously exist. The Gateway Area includes the Creamery District and a mix of commercial, industrial, and residential uses. The Gateway Area is considered an Infill Opportunity Zone and is proposed as the location for the highest increase in density. The Gateway Area and the Gateway Area Plan and an Element of the General Plan 2045 are further described in the Project Description.

As described in the Project Description, the City's anticipated growth during the planning period is expected be contained within the present City limits and concentrated largely within the Infill Opportunity Zones, including the Gateway Area, which present the highest potential for infill development. As shown in Table 3.7-2, the predominant urban land use in the City will remain residential, which will make up 26.9% of the land base. The

other urban uses include public facility uses (including Cal Poly Humboldt) with 8.2% of the land base, industrial areas with 6.2%, and commercial areas with approximately 2.7%.

Natural resource will continue to be the largest non-urban use in the City, with approximately 34% of the land base, followed by agricultural areas with 19.4%.

Table 3.7-2: Land Use Plan Categories and Acreages

Arcata General Plan: 2045 Land Use Designations		Acres	%	Acreage Change from 2020 *
A-E	Agriculture - Exclusive	1,038.9	19.4%	0.0
A-R	Agriculture - Residential	34.2	0.6%	0.0
C-C	Commercial - Central	25.8	0.5%	+0.4
C-G	Commercial - General	-	0.0%	-47.6
C-M	Commercial - Mixed	120.7	2.3%	+103.8
C-VS	Commercial - Visitor Serving	-	0.0%	-42.2
G-B	Gateway Barrel District**	28.9	0.5%	+28.9
G-C	Gateway Corridor**	17.3	0.3%	+17.3
G-H	Gateway Hub**	32.0	0.6%	+32.0
G-N	Gateway Neighborhood**	19.2	0.4%	+19.2
G-OS	Gateway Open Space**	6.9	0.1%	+6.9
I-G	Industrial General	130.7	2.4%	-42.8
I-L	Industrial Limited	201.9	3.8%	-83.8
NR	Natural Resources	1,803.7	33.7%	-2.3
NZ	Not Zoned	20.4	0.4%	19.5
PF	Public Facilities	442.3	8.3%	-17.6
R-H	Residential - High Density	185.4	3.5%	+34.3
R-L	Residential - Low Density	555.8	10.4%	-22.0
R-M	Residential - Medium Density	181.0	3.4%	+18.2
R-VL	Residential - Very Low Density	511.2	9.5%	-22.1
	Total	**5,356.3**	**100%**	

*(+) denotes an addition in acreage while (-) denoted a reduction in acreage. Reductions in some industrial and residential areas have occurred to reclassify with new Gateway designations allowing similar uses.

**New land use designations proposed in the General Plan 2045.

Note: The numbers above do not include road rights-of-way, interchanges, or the portion of Arcata Bay within the City limits, nor do they include the Jacoby Creek Forest, a City-owned non-contiguous incorporated area.

Infill Opportunity Zones include the Gateway Area, Valley West, Craftsman's Mall / St. Louis, and Downtown. The Land Use Element will increase the density of local zoning and reduce barriers to development in these areas, targeting higher-density development and affordable housing. Table 2.6-2 in the Project Description shows the development standards and different community benefit bonus tiers, which permits higher intensities of development in exchange for community benefits. As described in the Project Description, outside of the Infill Opportunity Zones, the Land Use Map and development standards applicable throughout the City limits are anticipated to receive less significant changes that will be relatively evenly dispersed throughout the City, including rezoning I-L and C-G parcels to C-M, and increasing allowed residential densities in the R-M, R-H, and

C-M zone districts. The General Plan 2045 Land Use Element's proposed maximum density and floor area ratios are provided in Table 2.6-3 in the Project Description and are also available as Table LU-1 in the Land Use Element.

3.7.3 Regulatory Framework

Federal

There are no federal regulations which apply to the study area related to land use and planning.

Humboldt Bay National Wildlife Refuge Complex Comprehensive Conservation Plan

The Humboldt Bay National Wildlife Refuge Complex includes Humboldt Bay National Wildlife Refuge and Castle Rock National Wildlife Refuge. The Humboldt Bay National Wildlife Refuge is located in the vicinity of Eureka and Arcata with refuge units distributed around Humboldt Bay. The U.S. Fish and Wildlife Service prepared a Comprehensive Conservation Plan to guide management of fish, wildlife, plants, other natural resources, and visitor uses on the Humboldt Bay National Wildlife Refuge Complex between 2009 and 2024.

State

Government Code Section 65300

California Government Code Section 65300 requires each county and city to prepare and adopt a comprehensive, long term General Plan. The Legislature intends that the General Plan and elements and parts thereof comprise an integrated, internally consistent and compatible statement of policies for the adopting agency. This section requires planning agencies and legislative bodies to accommodate local conditions and circumstances, while meeting minimum requirements.

Government Code Section 65301

Section 65301 requires a General Plan to address the geographic territory of the local jurisdiction and any other territory outside its boundaries that bears relation to the planning of the jurisdiction. At a minimum, this could include all land within the City limits and all land within the City's Sphere of Influence. As discussed in Section 3.7.1., based on the scope of current General Plan updates evaluated in this Draft EIR, the identified study area is the City limits.

Government Code Section 65302

The General Plan shall consist of a statement of development policies and shall include a diagram or diagrams and text setting forth objectives, principles, standards, and plan proposals. The plan shall include the following elements: Land Use, Circulation, Open Space, Safety, Housing, Conservation, Noise, and Health.

Environmental Justice elements are required in the General Plans of certain communities. Arcata does not meet the thresholds for an Environmental Justice element to be required because the City does not contain any Disadvantaged Communities as identified by the California EPA Pursuant to Section 39711 of the Health and Safety Code.

Government Code Section 65303

The General Plan may include any other elements or address any other subjects which, in the judgment of the legislative body, relate to the physical development of the county or city.

Government Code Section 65584

Pursuant to state housing element law, the Department of Housing and Community Development is required to determine each region's housing need or the projection period starting December 31, 2018 and ending August

31, 2027. The Humboldt County Association of Governments (HCAOG) developed the Humboldt County Regional Housing Needs Plan, which allocates to cities and the unincorporated county their “fair share” of the total county Regional Housing Needs Allocation.

Government Code Section 65860

A city or county’s zoning ordinance must be consistent with the General Plan.

Assembly Bill 1358 (California Complete Streets Act)

AB 1358 was signed into law in 2008 and became effective January 1, 2011, requiring jurisdictions to amend their circulation elements to plan for multimodal transportation networks. This places the planning, designing, and building of complete streets into the General Plan planning framework.

California Coastal Act

A portion of the study area is within the Coastal Zone. The Coastal Act set policies related to management of resources in California’s coastal zone. The policies of the Coastal Act constitute the statutory standards applied to planning and regulatory decisions made by the California Coastal Commission, pursuant to the Coastal Act. The General Plan must comport with legislative policies relating to the California Coastal Act.

Climate Change Scoping Plan

In December 2008, pursuant to AB 32, California Air Resources Board (CARB) adopted the Scoping Plan, which outlined measures to attain the 2020 greenhouse gas (GHG) emissions limit. CARB is required to update the Scoping Plan at least every five years. The Scoping Plan was updated in 2017, and more recently in 2022. The 2022 Scoping Plan identifies a path to meet the Senate Bill 32 GHG, as well as reducing anthropogenic GHG emissions to 85 percent below 1990 levels by 2045, and achieving carbon neutrality by 2045 or earlier, consistent with AB 1279. The updated Scoping Plan includes measures to move to a zero-emissions (decarbonized) transportation sector and phasing out the use of natural gas in residential and commercial buildings. The Scoping Plan would also reduce emissions of short-lived climate pollutants and includes mechanical CO_2 removal and carbon capture and sequestration actions, as well as natural working lands management and nature-based strategies. The Scoping Plan also states that local action by municipalities can support and amplify efforts to reduce GHGs.

Local

The study area equates to the City limits and the southern and western portion of the study area (bisected by Samoa Blvd and Old Arcata Road) is also within the Coastal Zone. Therefore, this section includes City General Plan and City Local Coastal Program policies.

City of Arcata General Plan 2020

The General Plan 2020, adopted by the City Council in 2000, is the document that guides development in the study area. Since that time there have been updates of individual General Plan elements or parts of the General Plan, including the Housing Element update in 2019. The General Plan 2020 also includes the Parks & Recreation Element adopted in 1994. The plan is the City's “constitution” for physical development and change within the existing and future City boundaries and legally governs both private and public actions.

Proposed City of Arcata General Plan 2045

As described in the Project Description, the City is preparing an update of its existing General Plan 2020 as well as preparing a new Gateway Area Plan element. The Gateway Area Plan Element will provide additional specific development guidance within the Gateway Area. New associated amendments to the Zoning Code will be developed to implement the Gateway Area Plan through an area-specific form-based code. Proposed citywide zoning (not including the Gateway Area form-based code, analyzed herein) is considered a subsequent action to

the General Plan 2045 and associated Draft EIR. The General Plan 2045 horizon year is year 2045, which reflects a 20-year planning period.

Policy LU-1 Overall Development Pattern

Objective. *Establish a pattern of development that concentrates activity and amenities in a pattern of centers, clusters and mixes of uses to support the City's focus on infill development and active transportation. Provide an overall land use arrangement that concentrates city-wide uses and functions in these areas with an emphasis on areas within walking distance of the central Plaza Area, Cal Poly Humboldt, and existing neighborhood and employment centers which provide a mix of commercial services, residential uses, and community facilities.*

Applicable sub-policy:

LU-1r Maximum and Minimum Residential Density Standards. *In Commercial Mixed-Use and Central Commercial districts, allow residential uses. In each of these land use designations, do not establish a maximum residential density standard. Instead, allow residential density to be naturally restricted through other development standards, such as building height and Building Code requirements for minimum unit size. In addition, establish a minimum residential density standard in each of these land use designations, with exceptions established for some use types (such as theaters) and some building types (such as historically significant structures and the adaptive reuse of existing buildings).*

LU-1aa Form-based Design Standards. *Where high-density housing uses are appropriate, apply form-based design standards that allow high-density, multi-story buildings while simultaneously requiring a vibrant, community-oriented, street-facing built environment designed to fit a "human-centered" scale.*

LU-1ac Incentivize Mixed Use as a Community Amenity. *Incentivize mixed-use projects that have a ground-floor non-residential (retail, office, light industrial, or other job-creation component) through the community benefit program where not otherwise required by the form-based code.*

LU-3f Relationship of Building Height to Open Space*. Allow for buildings over four stories using Community Benefits Program but require greater percentages of Open Space to be retained at ratios set in the Form-Based Code to ensure residents of high-density housing retain an excellent quality of life and easy access to high-quality open space.*

LU-3h New Non-residential Uses. *Permit Commercial Mixed and Central Commercial land use designations in the City to allow mixed uses to complement residential uses. Ensure that all new non-residential, mixed-use development supports an active and livable neighborhood, with residential, retail, office, and light-manufacturing uses thoughtfully blended together to create a cohesive neighborhood that feels complete. Allow flexibility in non-residential uses, with targeted limitations on uses that do not encourage street level human activity, livability, or neighborhood identity. Examples of uses that do not encourage human activity include heavy industrial uses, mini-storage, and outdoor automotive sales.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan

Policy Chapter 1: Land Use

Objective. *Establish an overall land use arrangement that promotes mixed-use, multi-story buildings with a clear emphasis on high-density housing that is equitable, environmentally sustainable, and compatible with the envisioned neighborhood character. Allow for a broad diversity of non-residential uses that support a pedestrian/bicycle-friendly environment, contribute to a car-free lifestyle, and meet the physical, social, and economic needs of residents.*

GA-1a. Land Use Targets. *Aim to achieve a mix of residential and non-residential uses in each land use subarea that supports the full range of services to Gateway Area residents, workforce, and visitors. Estimated long-term targets to balance uses are shown in Table 5.*

GA-1b. Relocate Existing Uses that are Incompatible with Plan Vision. *Facilitate the relocation of nonconforming uses that are incompatible with the Plan Vision and explore opportunities to reduce conflicts between new and existing users (e.g. noise attenuation). Target uses that conflict with or otherwise detract from the intended character of the Plan Area by being incompatible with human activity, livability, or neighborhood identity/cohesion. Support relocation of existing uses with affordable housing, large workforce, or high sales-tax.*

GA-1c. Nonconforming Uses, Site Conditions and Structures. *Allow existing nonconforming uses, site conditions, and structures to remain unless specifically targeted for relocation in the Zoning Code. When new development occurs, encourage incompatible non-conforming uses to become conforming, and in some cases, require non-conforming uses to relocate as specified in the Zoning Code. Consider offering incentives for some nonconforming uses to either relocate or modify operations or form to become more compatible with the surrounding neighborhood.*

City of Arcata Municipal Code and Land Use Code

The Municipal Code is a codification of all prior enacted ordinances except those which have been specifically repealed and the following ordinances: tax levy ordinances; appropriation ordinances relating to boundaries and annexations; franchise ordinances and other ordinances granting special rights to persons or corporations; contract ordinances and ordinances authorizing the execution of a contract or the issuance of warrants; salary ordinances; ordinances establishing, naming or vacating streets, alleys or other public places; improvement ordinances; bond ordinances; ordinances relating to elections; ordinances relating to the transfer or acceptance of real estate by or from the City; and all special ordinances. The Municipal Code contains the following Titles: General Provisions, Administration, Public Safety, Public Welfare Morals and Conduct, Sanitation & Health, Business Professions and Trades, Public Works, Building Regulations, Planning and Zoning, Public Property, and Ordinance List and Disposition Table.

Title IX is Planning and Zoning and contains Chapter 1, the Planning and Zoning Standards, which includes the Land Use Code. The Land Use Code was adopted by the City Council by Ordinance 1377 in 2008. It includes regulations related to site development, resource managing, and other land use procedures and processes. The Land Use & Development Guide, adopted in 1994, includes land use and development regulations, standards, and review procedures applicable within the Coastal Zone (City of Arcata 1994) and is considered a part of Chapter 1. These Zoning Ordinances have been amended several times since their adoption.

Proposed Gateway Code

Land Use Code Chapter 9.29-Gateway Area Districts is a form-based code for the Gateway Area. The chapter establishes standards and requirements to implement the Gateway Area Plan. This includes permit and approval requirements, allowable uses, district standards, building design standards, streetscape requirements, mobility and greenway standards, and community benefits program.

City of Arcata Local Coastal Program

Approximately one-third of the City is located within the Coastal Zone, as established by the California Coastal Act. The Coastal Zone boundary includes westerly and southerly portions of the City. The Coastal Act requires jurisdictions having land within the coastal zone prepare and adopt a local coastal plan. The City of Arcata Local Coastal Program was certified by the California Coastal Commission on October 10, 1989. The City is currently in the process of comprehensively updating the Local Coastal Program, but it is outside of the scope of this Draft EIR and will be analyzed separately in the future.

Americans with Disabilities Act Transition Plan

The Americans with Disabilities Act (ADA) of 1990 requires all public agencies to develop an ADA Transition Plan for the installation of various improvements that are intended to make the existing pedestrian facilities within the right-of-way accessible for persons with disabilities, to the maximum extent feasible. A Transition Plan outlines the manner in which a jurisdiction shall transition toward compliance with the ADA; this compliance shall be achieved by identifying barriers to accessibility, and then developing solutions that facilitate access for all individuals. The main purpose of this plan is to develop the City's policies and practices for implementing improvements within the public right-of-way. The regulatory document was originally adopted in 1993 and was updated in 2019.

Non-industrial Timber Management Plan

The Non-industrial Timber Management Plan is a long-term management option and permit available to timber land ownerships of less than 2,500 acres that was adopted in 1999. The plan covers the Arcata Community Forest and the Jacoby Creek Forest. Elements include a description of timber stand characteristics, a description of proposed activities within each management unit, a description of cultural or historical records, and information on threatened or endangered plant or animal species. The plan also stipulates that the landowner must practice uneven age management and demonstrate and document sustainable harvesting. The plan is required by the state, and amendments and deviations are sent to CAL FIRE as lead agency for review and approval. The Timber Management Plan is also discussed in Section 5.3 (Biological Resources).

Northern Spotted Owl Habitat Retention Agreement

The Northern Spotted Owl (*Strix occidentalis caurina*) was federally listed as threatened in 1990. The Habitat Retention Agreement is a voluntary commitment by the City to manage the City's timberland in a manner that maintains and enhances Northern Spotted Owl habitat. The City entered into the agreement in 2008 for areas within the Non-industrial Timber Management Plan. Management commitments include limiting all openings created by timber harvest to 0.99 acres, retaining a greater average post-harvest basal area (square feet per acre) for trees greater than 12-inch diameter breast height, legacy trees, and snags will be recruited and retained to a minimum level of 0.5 per acre, down cull logs will be retained, and Northern Spotted Owl surveys / monitoring will be conducted annually. The Habitat Retention Agreement is also discussed in Section 5.3 (Biological Resources).

3.7.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the adoption and implementation of the General Plan 2045 would be considered to have a significant impact on a land use and planning if it would:

– Physically divide an established community; or
– Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

The following sections describe the anticipated environmental impacts on land use and planning due to the adoption and implementation of the proposed General Plan 2045.

3.7.5 Methodology

This section analyzes whether development facilitated by the adoption and implementation of the General Plan 2045 would physically divide communities. The evaluation of impacts related to land use planning is based on a comparison of the General Plan 2045 to the applicable land use plans, policies, and regulations to determine if adoption and implementation of the General Plan 2045 would conflict with a plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

A policy inconsistency is considered a significant adverse impact only if the inconsistency would result in a significant adverse physical impact based on the established significance criterion. Adoption and implementation

of the General Plan 2045 could result in a significant impact if it conflicts with applicable land use plans, policies, and regulations of the ADA Transition Plan. Consistency with the RePower Humboldt Comprehensive Action Plan for Energy, Non-industrial Timber Management Plan, and Northern Spotted Owl Habitat Retention Agreement are discussed in other sections of this Draft EIR.

Plans such as the Arcata Parks and Recreation Master Plan, Arcata Pedestrian and Bicycle Master Plan, and West End Specific Plan are adopted plans that are not used as regulatory or public policy documents. These plans are visioning and/or feasibility study documents. Therefore, they are not used as a threshold in determining potential environmental impacts associated with the General Plan 2045.

3.7.6 Impacts and Mitigation Measures

Impact LU-a: Would adoption and implementation of the General Plan physically divide an established community?

The physical division of an established community typically refers to the construction of a physical feature (such as an interstate highway or wall) and/or the removal of a means of access (such as a local road, trail, or bridge) that would impair mobility within or between existing communities. The General Plan 2045 does not authorize any such physical changes to the community. The City proposes a robust network of multimodal capacity improvements to accommodate the existing and planned land uses within the City. Proposed bikeway and trail improvements would further connect communities. For example, the General Plan 2045 Transportation Element includes goals and policies that focus on providing a connected multimodal transportation system and creating a multimodal transportation system that will improve the livability of residential neighborhoods (Goals A and E). The General Plan 2045 does not propose roadways or other physical divisions that would divide or remove access to an existing community. Temporary road closures or obstructions required during construction would not constitute a division of an established community. Additionally, development would generally be focused on infill locations and these areas have existing infrastructure (including highways and local roadways) already in place creating adequate connections between established communities.

The General Plan 2045 includes multiple policies to promote neighborhood cohesion and revitalization and to avoid potential impacts:

> ***LU-1j: Maintain Arcata's Historic Plaza Area as a major community center in central Arcata.*** *The Plaza has historically been, and should continue to be, a commercial, civic, social, and cultural center of the community, and a location for community-wide special events. The area surrounding the Plaza (Commercial–Central area), including the adjacent commercial and mixed-use areas, shall be planned to accommodate retail establishments, entertainment services, restaurants, and business and professional offices. High density residential use in the Commercial–Central area is encouraged as an Infill Opportunity Zone. Housing shall be included, where feasible, in all new commercial development within the Plaza Area.*
>
> ***LU-1k: Encourage Valley West's growth as a major community center for north Arcata.*** *Ensure City resources are allocated to improving accessibility, safety, and attractiveness of this mixed use area, which functions as both a tourism destination and a vibrant neighborhood commercial center for many neighboring residents. The area surrounding the Valley West Shopping Center, including the adjacent commercial, office, and residential areas, shall be planned to accommodate a large concentration of high-density residential development as well as retail establishments, entertainment services, restaurants, and business and professional offices. Continue to promote Carlson Park as a regional draw to access the Mad River. High density residential use in the Valley West Infill Opportunity Zone will be streamlined and residential units shall be included, where feasible, in all new commercial development within the Valley West Area.*
>
> ***LU-1m: Support and revitalize the West End/ Aldergrove Employment Center as an industrial and business hub for north Arcata.*** *This area has a mix of general and limited industrial uses, including the Aldergrove Industrial Park, the Foodworks Culinary Center, and surrounding commercial,*

residential, and public open space areas. Light and general-industrial uses shall be encouraged to relocate and expand in this area.

LU-1n: Support and revitalize the Samoa Boulevard and South G Street Employment Center as an industrial hub for South Arcata*. This area includes general and limited industrial, general commercial businesses on both sides of Samoa Boulevard, and surrounding high-and medium-density residential areas. Light and general-industrial uses shall be encouraged to relocate and expand within the Adaptation Zone boundary of this area as described in the City's Local Coastal Program.*

The City's over-arching planning document, namely the General Plan 2045 goals, policies, and Land Use Maps, will help shape how the City will look, function, provide services, and manage resources for the next 20 years. As such, it is intended to guide orderly growth to appropriate areas and provide services and infrastructure necessary to accommodate planned growth. The General Plan 2045 would prioritize development within City limits in areas within or contiguous to existing urban uses and services; concentrate growth around existing activity centers; and preserve rural and agricultural lands. The General Plan 2045 would not promote incompatible development or development that would physically divide an established community. Therefore, adoption and implementation of the General Plan 2045 would result a less than significant impact.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact LU-b: Would adoption and implementation of the General Plan cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

This discussion reviews potential conflicts with federal, state, and local plans having jurisdiction within the City.

Federal Plans

The U.S. Fish and Wildlife Service owns property in south Arcata, along Humboldt Bay west of SR 101. The City does not have direct regulatory authority over land owned by the federal government. The General Plan 2045 would designate this land as NR. The U.S. Fish and Wildlife Service manages this land as part of the Humboldt Bay National Wildlife Refuge. The General Plan 2045 Resource Conservation Element includes policies to manage coastal access in bayfront and marsh areas consistent with the U.S. Fish and Wildlife Service management of the National Wildlife Refuge (Policy RC-4b and Policy RC-4f). Adoption and implementation of the General Plan 2045 would result in a less than significant impact in relation to conflicts with federal plans.

State Plans

Consistency of the General Plan 2045 with other state regulations, policies, and plans associated with specific environmental issues, such as air quality, GHG emissions, and transportation, is discussed in relevant sections of this Draft EIR.

The 2022 CARB Scoping Plan is discussed in Section 3.5 (Greenhouse Gas Emissions). The General Plan 2045 would not be consistent with some of the project attributes within the 2022 Scoping Plan; therefore, implementation of Mitigation Measure GHG-1 would bring the project into consistency with CARB-recommended key project attributes.

Consistent with state housing law, the General Plan 2045, and in particular the Housing Element, plan for the City's share of statewide and county housing needs as identified by the Department of Housing and Community Development and the HCAOG. The 2019 Humboldt County Regional Housing Needs Assessment Plan (HCAOG 2018) identified that the City should accommodate 610 dwelling units through the 6th Cycle (2019-2027). The General Plan 2045 supports the development of housing and is consistent with the statewide regional housing needs allocation.

The state owns and manages land within the City; the City does not have direct authority over these lands. The California Department of Fish and Wildlife (CDFW) owns land adjacent to Humboldt Bay and the Arcata Marsh and Wildlife Sanctuary that is managed as a wetland / tidal marsh. The General Plan 2045 would designate this land as NR. Resource Conservation Element Policy RC-4a states the tidal marshes in this area shall be enhanced and maintained to protect wetland services. This is consistent with the management of the CDFW land.

Cal Poly Humboldt occupies approximately 146 acres within the City, east of SR 101. Cal Poly Humboldt has made recent land acquisitions throughout the City including Creekside (APN 505-161-011), Stewart School (APN 020-133-003), Cal Poly Bookstore (APN 021-044-008), and Craftsman Mall (APN 505-022-011, -012; 503-372-002 through -006). The City does not have direct authority over these lands. Under the General Plan 2045, these parcels would be designated R-L, R-L, C-C, and R-H, respectively. General Plan 2045 contains goals and policies to coordinate development needs with Cal Poly Humboldt. Public Facilities and Infrastructure Element Policy PF-4c (Coordination and development review with Cal Poly Humboldt) establishes that the City will designate at least one member of the City Council as liaison to Cal Poly Humboldt and request that the designated Council member be appointed to the University President's Advisory Council. The Land Use Element contains Guiding Principle and Goal M to seek and encourage open and cooperative consultation and cooperation with managers of state land not subject to Arcata's land use authority including Cal Poly Humboldt, lands within the California Coastal Commission's retained jurisdiction, and others.

The General Plan 2045 was prepared in conformance with state laws and guidelines associated with the preparation of General Plans. Implementation of Mitigation Measure GHG-1 would bring the General Plan 2045 into consistency with CARB-recommended key project attributes and, therefore, consistency with the 2022 Scoping Plan and the state's goal of carbon neutrality by 2045 or sooner. The City does not have direct authority over state lands; however, the General Plan 2045 would not conflict with the application of state land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Adoption and implementation of the General Plan 2045 would result in a less than significant impact in relation to conflicts with state plans.

Local Plans

Several regionally and locally adopted land use plans, policies, and regulations apply to the project. Consistency with the Arcata Municipal Code with respect to protected trees are evaluated in Section 5.2 (Agriculture and Forestry Resources) and Section 5.3 (Biological Resources). Potential conflicts with the City's Non-industrial Timber Management Plan and Northern Spotted Owl Habitat Retention Agreement are also evaluated in Section 5.3 (Biological Resources). Compatibility with noise standards land use compatibility standards, specifically with respect to noise, are evaluated in Section 3.8 (Noise). Regional transportation plans are discussed in Section 4.2 (Transportation).

RePower Humboldt Comprehensive Action Plan for Energy is discussed in Section 3.5 (Greenhouse Gas Emissions). General Plan 2045 would be consistent with several goals from the Redwood Coast Energy Authority's (RCEA's) 2019 RePower Humboldt Plan; however, would not be consistent with the accelerated development of electric vehicle adoption. Implementation of Mitigation Measures GHG-1 would bring the Project into consistency with RCEA's 2019 RePower Humboldt Plan.

The General Plan 2045 is atop the hierarchy of local government laws regulating land use. Other laws and policies, such as specific plans, subdivision regulations, and the zoning ordinance are subordinate to, and must be consistent with, the General Plan. The adoption of the General Plan 2045 would require revisions to the Land Use and Zoning Code to ensure consistency with the General Plan 2045. Therefore, consistency with the existing Land Use and Zoning Code in Arcata's Municipal Code is not evaluated further. The Zoning Code and form-based code (both specific to the Gateway Area) will be consistent with the Gateway Area Plan Element and proposed land use changes analyzed in this Draft EIR.

The General Plan 2045 is a land use plan that contains policies that will be adopted, in part, for the purpose of avoiding or mitigating an environmental effect. In the future, projects consistent with General Plan 2045 will be able to use this EIR for a streamlined environmental review process. CEQA Guidelines Section 15183 (Projects

Consistent with a Community Plan or Zoning) allows projects to be eligible for streamlined environmental review if they are consistent with the development density established by existing zoning, community plan, or general plan policies for which the EIR was certified.

There are no conflicting applicable goals and policies within the General Plan 2045 and the ADA Transition Plan. The ADA Transition Plan identified deficiencies with respect to the physical pedestrian facilities, inventoried the necessary improvements to bring the City into compliance with ADA requirements, and established an improvement and monitoring schedule. The General Plan 2045 Circulation Element includes specific policies and implementation measures related to developing and maintaining ADA clearance on sidewalk pedestrian amenities in the downtown area (Policy CM-5h) and to ensure public health and equity considerations are included as part of transportation network improvement decisions, including accessibility and mobility considerations for people of diverse abilities and disabilities.

The Health Element includes policies and implementation measures to engage with Arcatans of multiple abilities with regard to City infrastructure, programs, and operations to ensure that City facilities, programs, and practices serve people of varied abilities and disabilities (Policy H-4i). The Parks & Recreation Element notes that the ADA Transition Plan should include updates for parks and recreation facilities and that all master planning efforts should incorporate ADA guidelines. The Gateway Area Plan Element includes design principle 5 and Policy GA-7b promotes circulation improvements to improve safety and accessibility. Policy GA-7h, GA-8a, and GA-8d promote pedestrian friendly and accessibility in streetscape design. Policy GA-6d also encourages the development of universally designed park space, creating greater accessibility for the public than required under the ADA. As demonstrated above, goals and policies of the General Plan 2045 would be consistent with the strategies of the ADA Transition Plan. Therefore, impacts would be less than significant.

The goals and policies of the General Plan 2045 would be consistent with goals, policies, and strategies of the local plans evaluated in this Draft EIR Section. The General Plan 2045 is consistent with the plans, policies, and regulations described in Section 6.2 (Energy), Section 4.2 (Transportation), Section 5.2 (Agriculture and Forestry Resources), Section 5.3 (Biological Resources), and Section 5.5 (Hydrology and Water Quality). With the implementation of mitigation measures, the General Plan 2045 is also consistent with the plans, policies, and regulations described in Section 3.8 (Noise), Section 3.3 (Air Quality), and Section 3.5 (Greenhouse Gas Emissions). Therefore, adoption and implementation of the General Plan would cause a less than significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

Mitigation Measures: No additional mitigation measures for land use planning would be required beyond those identified throughout this Draft EIR, including Mitigation Measure GHG-1, Mitigation Measure NOI-1, Mitigation Measure NOI-2, and Mitigation Measure NOI-3.

Level of Significance: Impacts would be less than significant without mitigation, beyond those identified throughout this EIR.

3.7.7 Cumulative Impacts

The geographic boundary for cumulative projects related to land use and planning impacts is the City Planning Area.

Impact LU-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to Land Use and Planning?

The cumulative effects analysis examines the current project effects taken together with effects of past projects and known projects in the foreseeable future. Future projects considered for cumulative impacts are identified in Table 10.1-1.

The General Plan 2045 does not authorize the construction of a physical feature (such as a highway or wall) and/or the removal of a means of access (such as a local road, trail, or bridge) that would impair mobility within or between existing communities within the City. Projects that occur within the City would be required to conform

with the General Plan 2045. Projects listed in Table 10.1-1 that are related to housing are generally focused on infill locations; these areas have existing development, may be considered underutilized, and have existing infrastructure (including highways and local roadways) in place.

Other cumulative projects propose road safety or connectivity improvements, which would not physically divide an existing community. Additionally, the General Plan 2045 does not authorize or approve construction or development of any new highway, road, trail, walls, bridges, major infrastructure, or other features that would divide existing neighborhoods within the geographic boundary for cumulative project analysis. As such, the General Plan 2045 would have less than significant cumulative impacts.

General Plan 2045 contains policies and implementation measures in the Growth Management Element to coordination land use planning with the county of Humboldt, including areas with potential cumulative project considerations. Policy GM-2f (County Land-use and Zoning designations in Sphere of Influence) requires the City to request that Humboldt County adopt agricultural, timber, natural resource, or other rural land use designations within the Sphere of Influence, as a holding zone to prevent premature development prior to annexation to the City. Implementation Measure GM-1 requires the City to continue to participate in the county application review process and to provide input on all proposed actions in Sphere of Influence/Planning Area lands. Implementation Measure GM-3 (Update Sphere of Influence Boundary) requires the City to coordination with the Local Agency Formation Commission to comprehensively evaluate the Sphere of Influence Boundary, which could include reductions in the following areas: east of Aldergrove / Ericson Way, Bay School Road, east of Buttermilk Lane near Baywood golf course, and Bracut.

In sum, the General Plan 2045, taken together with past and foreseeable future projects, would not cause a cumulative adverse effect related to land use and planning. General Plan 2045 land use and planning policies would contribute to cohesive growth within the study area and will be adopted, in part, for the purpose of avoiding or mitigating an environmental effect. Development in other communities and unincorporated areas within the City Planning Area would also be subject to federal, state, and local policies and plans governing land use. Therefore, the cumulative impacts to land use and planning would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.7.8 References

City of Arcata. 1994. City of Arcata Municipal Code Title IX Chapter 2 Coastal Land Use and Development Guide.

City of Arcata. 2019. Americans with Disabilities Act Transition Plan. Transition Plan Update. July 17, 2019.

City of Arcata. 1999. Non-industrial Timber Management Plan.

City of Arcata. 2008. Northern Spotted Owl Habitat Retention Agreement 1-99-033 HUM City of Arcata.

Humboldt County Association of Governments (HCAOG). 2018. 2019 Humboldt County Regional Housing Needs Assessment Plan.

U.S. Fish and Wildlife Service (USFWS). 2009. Humboldt Bay National Wildlife Refuge Complex Comprehensive Conservation Plan and Final Environmental Assessment. https://ecos.fws.gov/ServCat/DownloadFile/205143

3.8 Noise

This section evaluates the potential impacts of the proposed General Plan 2045 related to environmental noise and vibration. A Noise Tech Memo was prepared that evaluated environmental noise and vibration effects throughout the study area with a focus on the four Infill Opportunity Zones identified by the City.

The Noise Tech Memo included a review of the existing federal, state, and local regulatory framework; a review of the existing noise and vibration conditions throughout the City; and an evaluation against the standards of significance from Appendix G of the CEQA Guidelines. Comment letters were received in response to the Notice of Preparation circulated for the proposed General Plan 2045, which included some comments with respect to noise.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to noise conditions, and the Impact Analysis section establishes the thresholds of significance, evaluates potential hazard-related impacts and identifies the significance of impacts.

3.8.1 Study Area

For impact assessment related to noise, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas). Particular areas of focus within the study area are the Infill Opportunity Zones identified as the Gateway Area, Downtown, Craftsman Mall, and Valley West.

3.8.2 Setting

Fundamentals of Acoustics

Noise may be defined as objectionable or disturbing sound caused by its pitch or its loudness. Pitch is the height or depth of a tone or sound, depending on the relative frequency of the vibrations by which it is produced. Generally, higher-pitched sounds are perceived as louder to humans than sounds with a lower pitch having the same sound pressure level. Loudness is the intensity of sound waves combined with the reception characteristics of the human ear.

Noises vary widely in their scope, source, and volume, ranging from individual occurrences such as leaf blowers, to the intermittent disturbances of overhead aircraft, to the constant noise generated by traffic on freeways or mechanical equipment associated with an industrial facility. Noise is primarily a concern for sensitive receptor locations such as residences, schools, churches, parks, and hospitals.

In addition to the concepts of pitch and loudness, there are several noise measurement metrics which describe noise in a particular location. A decibel (dB) is a unit of measurement in acoustics which indicates the relative amplitude of a sound compared to a reference sound level. The generally accepted reference sound pressure is 20 µPa, which is used throughout this Study. The zero on the decibel scale corresponds to approximately the lowest sound level that the healthy, unimpaired human ear can detect. Sound levels in dB are calculated on a logarithmic scale. An increase of 10 dB represents a ten-fold increase in acoustic energy, while 20 dB is 100 times more intense, 30 dB is 1,000 times more intense, and so on. There is a relationship between the subjective noisiness or loudness of a sound and its dB level. Each 10 dB increase in sound level is perceived as approximately a doubling of loudness over a wide range of intensities.

Table 3.8-1 provides a brief summary of how changes in measured dB levels are perceived by the human ear.

Table 3.8-1 Human Perceptibility of Changes in Sound Level (Bies & Hansen 2009)

Change in Measured Sound Level (dB)	Change in Perceived Loudness
+3 dB	Threshold of human perceptibility to sound level change

Change in Measured Sound Level (dB)	Change in Perceived Loudness
+5 dB	Clearly noticeable change in noise level
+10 dB	Twice as loud
+20 dB	Much louder (any previously audible sources are completely masked by the louder source at this point)

Sound levels are often expressed in terms of A-weighted decibel levels (dBA), A-weighted sound levels are intended to more accurately represent the sound level experienced by the human ear. Since humans do not perceive sounds in all frequency ranges equally, the A-weighted correction artificially suppresses the impact of low frequency (31.5 – 125 Hz) sound in favor of middle and higher range frequency more easily perceived by humans (250 – 8000 Hz). Unless otherwise stated, sound levels presented and discussed in this section are subject to A-weighting.

For non-transportation and stationary noise sources, the typical sound level descriptor used to quantify exposure are the 1-hour time-equivalent sound level (Leq 1-hr) and the Lmax sound level. The Leq sound level descriptor accounts for sound pressure level fluctuations from moment to moment by averaging the louder and quieter moments over a time period (e.g., one hour) to determine an equivalent continuous sound pressure level. The Lmax descriptor is the highest sound pressure level experienced/measured over the course of a sound level measurement period.

Since the sensitivity of noise receptors to noise increases during the evening and at night, and because excessive noise interferes with the ability to sleep, 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The Day/Night Average Sound Level (Ldn) represents the average A-weighted sound pressure level during a 24-hour day, obtained after addition of 10 decibels to levels assessed in the night between 10:00 PM and 7:00 AM. Community Noise Equivalent Level (CNEL) is an average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels to levels assessed in the evening between 7:00 PM and 10:00 PM as well as 10 decibels to levels assessed in the night between 10:00 PM and 7:00 AM. For the purposes of this Study, all evaluated/calculated transportation noise levels will be presented in terms of Ldn.

Generally, sound energy from localized or point sound sources spreads out spherically as it travels away from the source, resulting in sound pressure level reductions of approximately 6 dB per doubling of distance from the source. Sound energy from a line source (e.g., traffic on a highway) spreads out cylindrically, resulting in sound pressure level reductions of approximately 3 dB per doubling of distance from the source. Environmental factors also affect the transmission of sound, including ground absorption, atmospheric absorption, temperature gradients, wind, and screening by physical obstructions.

According to the Governor’s Office of Planning and Research, maximum exterior noise levels of 60 dBA are considered “normally acceptable” for unshielded residential development.

Noise levels from 60 to 70 dBA fall within the “conditionally unacceptable” range, and those in the 70 to 75 dBA range are considered “normally unacceptable.”

For reference, Caltrans publishes the following table of typical noise levels to provide context for regulatory limits and acceptable levels.

Table 3.8-2 Typical Noise Levels of Everyday Settings (Caltrans 2023)

Common Outdoor Activities	Noise Level (dBA)
Instant perforation of eardrum	160
	150
Military Jet Takeoff	140
Threshold of Pain	130
Front rows of rock concert	120
	110
Earphones at maximum level	100
	90
Vacuum cleaner	80
Busy street traffic	70
Normal conversation	60
	50
	40
	30
Whisper	20
Rustling leaves	10
Threshold of hearing	0

Fundamentals of Ground Borne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several methods are typically used to quantify the amplitude of vibration including peak particle velocity and Root mean square velocity. Peak particle veloccity is defined as the maximum instantaneous positive or negative peak of the vibration wave. Root mean square velocity is defined as the square root of the average of the squared amplitude of the signal, usually measured in decibels relative to one micro-inch per second (in/sec) and reported in velocity decibels (VdB). Peak particle velocity and VdB vibration velocity amplitudes are typically used in analysis to evaluate the effect of vibration on buildings and people in the vicinity of construction activities.

Construction activities can cause vibration that varies in intensity depending on several factors. The use of pile-driving and vibratory compaction equipment typically generates the highest construction-related ground borne vibration levels. Because of the impulsive nature of such activities, the peack particle velocity descriptor has been used routinely to measure and assess ground borne vibration due to construction and almost exclusively to assess the potential of vibration to induce structural damage. The root mean square descriptor is more commonly used to assess human perception to vibration. Table 3.8-3 below summarizes various vibration levels and various associated thresholds.

Table 3.8-3 Typical Levels of Ground Borne Vibration (FTA 2018)

Human/Structural Response	RMS Vibration Velocity Level (VdB relative to 10^{-6} in/s)	Typical Sources (50 ft from source)
Threshold for risk of minor cosmetic damage for fragile buildings	100	Blasting from construction projects
		Bulldozers and other heavy tracked construction equipment
Difficulty with tasks such as reading a computer screen	90	
		Commuter rail (upper range)
Residential annoyance, infrequent events (e.g., commuter rail)	80	Rapid transit (upper range)
Residential annoyance, frequent events (e.g., rapid transit)		Commuter rail (typical); bus or truck over bump
	70	Rapid transit (typical)
Limit for vibration sensitive equipment; approximate threshold for human perception of vibration		Bus or truck (typical)
	60	
		Typical background vibration
	50	

The potential for structural damage due to ground borne vibration is dependent on the level of the vibration, the type of structure, and the integrity of the structure. Reinforced concrete structures are less susceptible to damage due to vibration, while older, timber structures are significantly more susceptible to damage by vibration. For reference, Table 3.8-4 below summarizes construction vibration damage criteria used by the Federal Transit Administration.

Table 3.8-4 Construction Vibration Damage Criteria (FTA 2018)

Building / Structure Category	PPV (in/s)
Reinforced-concrete, steel or timber (no plaster)	0.5
Engineered concrete and masonry (no plaster)	0.3
Non-engineered timber and masonry buildings	0.2
Buildings extremely susceptible to vibration damage	0.12

Existing Noise and Vibration Environment within the Study Area

This section summarizes existing ambient noise conditions in the City, with a focus on the Infill Opportunity Zones. The primary existing sources of noise in the City are understood to be vehicle traffic from highways and local roadways, as well as light industrial/commercial activities. In addition, existing commercial / light industrial areas within the City are a source of stationary noise. Sources of ground borne vibration are typically minimal but can occasionally be sourced to vehicles using the roadway. There are no active railroad lines within the City.

Current conditions in the City are generally dominated by the noise sources associated with traffic on SR 101, Samoa Blvd (SR 255), and arterial roads, along with numerous other smaller streets. Noise sources include stopping, turning, accelerating, and decelerating automobiles and trucks. In addition, stationary noise sources (air conditioning units, loading docks, mechanical equipment, etc.) from commercial and light industrial activity also contribute to the ambient noise environment.

A community noise survey conducted in 1997 as part of background studies for the General Plan 2020 showed that typical noise levels in noise-sensitive areas of the City ranged from 46 dB to 63 dB Ldn. The primary sources

of noise at that time were road traffic, railroad operations, industrial activities, and neighborhood activities. Since the time of the survey, the following changes have occurred:

– There are no longer any active rail operations within the City.
– Traffic volumes are generally assumed to be higher in present-day compared to 1997 due to population growth within the City. For reference, the population grew approximately 24% from 1990 to 2020 (U.S. Census 1992, 2022).
– There have been changes in land uses within the City.

Based on projected 2020 noise contours presented in the General Plan 2020, noise survey results referenced above, and actual population growth in the City, existing road traffic noise levels within the City are estimated to be generally in the range of 50 dB to 65 dB Ldn. At locations in close proximity to major roads and highways there is potential for existing noise levels exceeding 65 dB Ldn.

Noise can result from many processes and activities even when the best available noise control technology is applied. Noise exposure within industrial facilities is controlled by federal and state employee health and safety regulations, but exterior noise levels may exceed locally acceptable standards. Activities at commercial, recreational, and public services facilities can also produce noise that affects adjacent land uses.

Non-transportation related noise generators are typically called “stationary”, “fixed, “area”, or “point” sources of noise. Industrial processing, mechanical equipment, pump stations, and heating, ventilating, and air conditioning (HVAC) equipment are examples of fixed location, non-transportation noise sources within the City and Gateway Area. Some non-transportation sources are not stationary but are typically assessed as point or area sources due to the limited area in which they operate, such as truck deliveries, agricultural field machinery, and material handling equipment.

Of these noise sources, noise generated by delivery truck activity typically generates the highest maximum noise levels. Delivery truck loading and unloading activities can result in maximum noise levels from 75 dBA to 85 dBA Lmax at 50 feet. Other noise sources specific to commercial centers and industrial zones of the City include light and medium industrial land uses, which can vary in noise level.

Existing Noise and Vibration Environment within the Gateway Area and Downtown Area

A technical noise study was completed in February 2023 by GHD and is attached to this Draft EIR as Appendix F. Based on GHD’s review of aerial imagery of the Gateway Area, Downtown Area, and properties in the immediate surroundings, these areas currently include some light- and medium-scale industrial / commercial facilities. The majority of these facilities are existing in close proximity to sensitive/residential uses and would not be expected to produce significant noise levels without resulting in complaints from residents. However, there are also some medium-scale industrial/commercial facilities south of 8th Street and west of L Street within the Gateway Area, and just south of the Gateway Area, which are not as close to sensitive receptor locations (e.g., Wing Inflatables, 300 feet from nearest residence; C&K Johnson Industries, 380 feet from nearest residence). These facilities would be categorized as medium or heavy industries (see Table 3.8-9 below) and may have the potential for significant noise emissions in the areas surrounding them (estimate potential for noise impacts at up to approximately 1,000 feet). At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Land Use Code (Table 3.8-5 of this Draft EIR).

Existing Noise and Vibration Environment within Remaining Infill Opportunity Zones

The Craftsman Mall infill area includes a mixture of residential and light- to medium-scale industrial / commercial facilities. At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Land Use Code.

The Valley West infill area includes a mixture of residential and light-scale industrial/commercial facilities. At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Land Use Code.

Sensitive Receptors within the Study Area

Sensitive receptors are people who are particularly susceptible to the adverse effects of noise, and sensitive receptor locations include: residences, schools, playgrounds, childcare centers, retirement homes, hospitals, and medical clinics.

Sensitive Receptors within the Gateway Area

The Gateway Area currently includes R-L uses dispersed throughout, the Redwood Coast Montessori Arcata Campus (793 K St), and Little Learners Center (1111 M St). These are all considered noise-sensitive receptor locations.

Sensitive Receptors within Remaining Infill Opportunity Zones

The other Infill Opportunity Zones include R-L and R-M uses dispersed throughout, hotels/motels, Arcata Plaza, Humboldt Open Door Clinic (770 10th St), and Plaza Point seniors' residence (977 8th St). These uses are all considered to be noise-sensitive receptor locations.

3.8.3 Regulatory Framework

Federal

The adverse impacts of noise were officially recognized by the federal government in the Noise Control Act of 1972 (42 U.S. Code, § 4901-4918), which serves three purposes:

– Promulgating noise emission standards for interstate commerce;
– Assisting state and local abatement efforts; and
– Promoting noise education and research.

The Office of Noise Abatement and Control was initially tasked with implementing the Noise Control Act. However, the Noise Abatement and Control has since been eliminated, leaving the development of federal noise policies and programs to other federal agencies and interagency committees. For example, OSHA prohibits exposure of workers to excessive sound levels. The U.S. DOT assumed a significant role in noise control through its various operating agencies, such as with the Federal Aviation Administration, which regulates noise generated by aircraft and airports. Surface transportation system noise is regulated by a host of agencies, including the Federal Transit Administration (FTA), which requires that all rail systems receiving federal funding be constructed and operated in accordance with its regulations and specifications. The Federal Railroad Administration sets forth and enforces safety standards, including noise emissions within railroad locomotive cabs. Transit noise is regulated by the FTA, while freeways that are part of the interstate highway system are regulated by the Federal Highway Administration (FHWA). The FHWA has adopted and promulgated noise abatement criteria for highway construction projects. The federal government encourages local jurisdictions to use their land use regulatory authority to site new development to minimize potential noise impacts.

Federal Highway Administration (FHWA) Standards

Title 23, Part 772 sets procedures for the abatement of highway traffic noise and construction noise. Title 23 is implemented by the U.S. DOT FHWA. The purpose of this regulation is to provide procedures for noise studies and noise abatement measures to help protect the public health and welfare, to supply noise abatement criteria, and to establish requirements for information to be given to local officials for use in the planning and design of highways. All highway projects which are developed in conformance with this regulation shall be deemed to be in conformance with the U.S. DOT FHWA Noise Standards. Title 23 establishes a 67 dBA standard to federal highway projects (23 CFR Chapter 1, Part 772, Section 772.19).

Federal Transit Administration (FTA) Standards

For federally funded mass transit projects, the FTA standards preempt county/regional standards. The vibration standards listed in the FTA Transit Noise and Vibration Impact Assessment Manual (FTA 2018) are currently relied upon for vibration assessment and exposure limits.

State

California Senate Bill 860, which became effective January 1, 1976, directed the California Office of Noise Control within the state Department of Health Services to prepare “Guidelines for the Preparation and Content of Noise Elements of the General Plan.” One purpose of these guidelines was to provide sufficient information concerning the noise environment in the community so that noise could be considered in the land use planning process. As part of this publication, Land Use Compatibility Standards were developed in four categories: Normally Acceptable, Conditionally Acceptable, Normally Unacceptable, and Clearly Unacceptable. These categories were based on earlier work done by the U.S. Department of Housing and Urban Development (HUD). The interpretation of the four categories is as follows:

- **Normally Acceptable**: Specified land use is satisfactory without special insulation.
- **Conditionally Acceptable**: New development requires detailed analysis of noise insulation requirements.
- **Normally Unacceptable**: New development is discouraged and requires a detailed analysis of insulation features.
- **Clearly Unacceptable**: New development should not be undertaken.

The state of California has developed a Land Use Compatibility Matrix for community noise environments that further defines the four categories of acceptance and assigns Ldn/CNEL values to them.

In addition, the California Building Code (Title 24 CCR Part 2) establishes uniform minimum noise insulation performance standards to protect persons within new hotels, motels, dormitories, long-term care facilities, apartment houses, and residential units other than detached single family residences from the effects of excessive noise, including, but not limited to, hearing loss or impairment and interference with speech and sleep. Residential structures to be located where the CNEL or Ldn is 60 dBA or greater are required to provide sound insulation to limit the interior CNEL/Ldn to a maximum of 45 dBA. An acoustic, or noise, analysis report prepared by an experienced acoustical engineer is required for the issuance of a building permit for these structures. Conversely, land use changes that result in increased noise levels at residences of 60 dBA or greater must be considered in the evaluation of impacts to ambient noise levels. Table IV.E-2, *Land Use Compatibility for Community Noise Environments*; and Table IV.E-3, *Normally Acceptable Noise Levels for Residential Land Use*, depict noise levels for a variety of uses.

Local

City of Arcata General Plan 2020

The General Plan 2020 addresses noise resources in the Noise Element. The following policies from the General Plan 2020 were used to analyze the difference in existing versus proposed policies in the General Plan 2045. These policies are implemented in Section 9.30.050 of the Land Use Code (described below).

> ***Policy N-1: Noise Attenuation***
>
> ***Objective.*** *Reduce, or eliminate, noise impacts at their source by providing enclosures, barriers, and other on-site noise attenuation measures for noise generating activities. Monitor noise levels to ensure that acceptable noise levels are maintained on adjacent sites.*
>
> *Applicable sub-policies*
>
> > ***N-1a: Noise attenuation measures.*** *Noise attenuation measures, and stationary noise source controls shall include the use of barriers, setbacks, site design, baffles, enclosures, silencers, and improved facade construction techniques.*

N-1b: Noise attenuation guidelines. *Noise attenuation measures and stationary noise source controls shall follow the guidelines provided in the technical document entitled: Noise Control Manual (which is considered an implementation measure).*

N-1c: Noise mitigation. *Where noise mitigation measures are required, the emphasis of such measures shall be placed upon site planning and project design. The use of noise barriers shall be considered a means of achieving the noise standards only after all other practical design-related noise mitigation measures have been integrated into the project.*

N-1d: Noise level reduction. *To reduce existing, objectionable, industrial, and stationary noise levels at the source, the City shall work with local industries to incorporate noise control technology through building and site design and engineering solutions. The City shall make available current acoustical attenuation techniques (Noise Control Manual) for new and retrofitted industrial development.*

N-1e: Noise standards enforcement. *Enforcement of noise standards shall be accomplished through development and implementation of a noise control ordinance, post-project compliance testing, and through the use of mediation.*

N-1f: Mediation of noise conflicts. *Where noise conflicts may occur, all affected parties shall strive to use innovative and positive solutions to solve those disputes, including the use of trained mediators. The City recognizes that many noise issues can be resolved before they get to the complaint stage if there is a procedure for airing the issue with an impartial third party.*

N-1g: Resolution of noise disputes. *The City shall establish positive ways to discuss and resolve noise issues and disputes, including the use of trained mediators.*

Policy N-2: Stationary Noise Sources and Levels

Objective. *Establish acceptable noise levels for land uses and activities that will protect community residents from the harmful effects of excessive noise exposure from stationary noise generators. Maintain interior and exterior noise standards that will achieve land use compatibility with respect to community noise.*

Applicable sub-policies:

N-2a: Noise contour maps. *The noise contour map (Figure N-b) and other estimates of noise source levels shall be used in conjunction with the noise source criteria to evaluate the feasibility of a proposed project.*

N-2b: New development of noise-sensitive uses. *New noise receptors shall not be allowed where the noise level from non-transportation noise generators will exceed noise level standards (Table N-1), unless effective noise mitigation measures that meet City standards are incorporated. (Table N-1 is shown below as Table 3.8-5).*

N-2c: Noise created by new or proposed stationary noise sources. *Noise created by new or proposed stationary noise sources, or the expansion or alteration of an existing use, shall be mitigated so as not to exceed noise level standards (Table N-1) at noise-sensitive land uses. All noise generators not in compliance with these standards will be encouraged to mitigate impacts. (Table N-1 is shown below as Table 3.8-5)*

N-2d: Acceptable noise levels. *New construction and retrofits at existing buildings shall include appropriate insulation, glazing, and other sound attenuation measures so that they comply with standards contained in Table N-1. These standards are intended to set levels for external noise sources that could potentially impact a new dwelling or other noise-sensitive use. (Table N-1 is shown below as Table 3.8-5)*

Policy N-3: Transportation Noise Sources and Levels

Objective. *Establish acceptable noise levels, for land uses and activities, that will protect community residents from the harmful effects of excessive noise exposure due to transportation noise sources.*

Maintain interior and exterior noise standards that will achieve land use compatibility with respect to community noise.

Applicable sub-policies:

N-3a: New development of noise-sensitive land uses. *New development of noise receptors will not be permitted in areas exposed to existing or projected levels of transportation noise exceeding levels specified in Table N-2, unless exterior noise or noise levels in interior spaces can be reduced to meet City Standards (Table N-2). (Table N-2 is shown below as Table 3.8-6)*

N-3b: Transportation noise. *Transportation noise sources shall be periodically measured, and significant increases mitigated, so as not to exceed the levels specified in Table N-2 for outdoor activity areas or interior spaces of existing receptors. (Table N-2 is shown below as Table 3.8-6).*

N-3c: Roadway projects. *To minimize noise impacts, the following criteria may be used as a test of significance for roadway projects:*

1. *Where existing traffic noise levels are less than 60 dB Ldn at the outdoor activity areas of noise receptors, a +5 dB Ldn increase in noise levels due to a roadway improvement project will be considered significant.*
2. *Where existing traffic noise levels range between 60 and 65 dB Ldn at the outdoor activity areas of noise receptors, a +3 dB Ldn increase in noise levels due to a roadway improvement project will be considered significant.*
3. *Where existing traffic noise levels are greater than 65 dB Ldn at the outdoor activity areas of noise receptors, a + 1.5 dB Ldn increase in noise levels due to a roadway improvement project will be considered significant.*

Policy N-4: Acoustical Analysis Requirements

Objective. *Establish a consistent procedure and framework for conducting and reviewing acoustical analyses.*

Applicable sub-policies:

N-4a: Noise-sensitive land uses. *Where receptor land uses are potentially exposed to existing or projected exterior noise levels exceeding the levels specified in Table N-2 or the performance standards of Table N-1, an acoustical analysis shall be required as part of the environmental review process, so that noise mitigation may be included in the project design. An acoustical analysis prepared pursuant to the Noise Element shall:*

1. *Be the financial responsibility of the applicant.*
2. *Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics.*
3. *Include noise level measurements, with sufficient sampling periods and locations, to adequately describe local conditions and the predominant noise sources.*
4. *Estimate existing and projected cumulative (twenty years) noise levels in terms of Ldn or CNEL and/or the standards of Table NI, and compare those levels to the adopted policies of the Noise Element.*
5. *Recommend appropriate mitigation to achieve compliance with the adopted policies and standards of the Noise Element, giving preference to proper site planning and design over mitigation measures which require the construction of noise barriers or structural modifications to buildings which contain noise sensitive land uses.*
6. *Estimate noise exposure after prescribed mitigation measures are implemented.*

7. *Describe a post-project assessment program which could be used to evaluate the effectiveness of the proposed mitigation measures.*

Policy N-5: Intrusive and Intermittent Noise Sources

Objective. *Protect community residents from the effects of excessive, intrusive, and intermittent noise. Set standards for intrusive and intermittent noise sources for both daytime and nighttime periods. Intrusive noise sources have a qualitative aspect that can be annoying. These sources may contain a tonal component which is absent from the existing general background noise. They may also be rhythmic, reoccurring or impulsive in nature, or comprised mainly of music or speech. Intrusive noise can result in annoyance or interference with sleep. These types of noise sources can include, but are not limited to, industrial processes, warning horns, backup alarms, and pressure release devices.*

Applicable sub-policies:

N-5a: Intrusive noise. *When intrusive noise sources have been identified, the detrimental effects (sleep interference or the potential for annoyance) shall be disclosed to neighboring receptor properties.*

N-5b: Noise levels due to non-transportation sources. *Noise levels due to non-transportation sources which may be intermittent or recurring, impulsive noises, pure tones, or noises consisting primarily of speech or music, shall be subject to the criteria contained within Table N-1, with a -5 dB penalty applied to the criteria.*

N-5c: Rhythmic, reoccurring, or impulsive noise sources. *When noise sources have been identified to be rhythmic, reoccurring, or impulsive in nature or comprised mainly of music or speech, they may comply with applicable noise level criteria and still be annoying to individuals. When these types of noise sources have been identified, they may be subject to additional mitigation or mediation.*

N-5d: Construction site tool or equipment noise. *The following shall apply to construction noise from tools and equipment:*

1. *The operation of tools or equipment used in construction, drilling, repair, alteration or demolition shall be limited to between the hours of 8 A.M. and 7 P.M. Monday through Friday, and between 9 a.m. and 7 p.m. on Saturdays.*
2. *No heavy equipment related construction activities shall be allowed on Sundays or holidays.*

This shall apply to construction noise from tools and equipment which are subject to the review of the City, and which may affect receptor uses. This policy shall not apply to emergency work of public service utilities or by variance under a noise ordinance.

N-5e: Stationary and construction equipment noise. *All stationary and construction equipment shall be maintained in good working order, and fitted with factory approved muffler systems.*

N-5f: Noise ordinance *– The City of Arcata shall develop and adopt a City-wide noise ordinance. The ordinance shall contain noise level criteria consistent with the criteria contained within the noise element.*

City of Arcata Land Use Code

The City of Arcata Land Use Code (Title 9 of the Municipal Code) addresses noise throughout the City in Title III – Planning and Project Design Standards, section 9.30.050 “Noise Standards” (City of Arcata 2019) as follows:

A. *“**Purpose**. This Section implements the policies of the Noise Element of the General Plan, and provides standards for noise mitigation that are intended to protect the community health, safety, and general welfare by limiting exposure to the unhealthful effects of noise.*

B. ***Applicability**. No use, activity, or process shall exceed the maximum allowable noise levels established by this Section, except for the following noise sources:*

1. ***Emergencies**. Public safety warning devices (e.g., ambulance, fire, and police sirens), sound for alerting persons to the existence of an emergency, or the performance of authorized emergency work;*

2. ***State or Federal preempted activities**. Any activity regulated by State or Federal law;*

3. ***Public health and safety activities**. Construction, maintenance, and/or repair operations by public agencies and/or utility companies or their contractors that are serving public interests, and/or protecting the public health, safety, and general welfare;*

4. ***Parks**. Public agency sanctioned recreational activities and programs conducted in public parks; and*

5. ***Solid waste collection**. The authorized collection of solid waste.*

C. ***Definitions**. Definitions of the technical terms used in this Section may be found in Article 10 (Glossary) under "Noise."*

D. ***Noise source standards.***

1. ***Stationary and transportation source noise level limitations**. No use, activity, or process within the City shall generate noise in excess of the levels identified by [Table 3.8-5] and [Table 3.8-6], as the noise is measured at the property line of a noise sensitive land use identified in [Table 3.8-5] and [Table 3.8-6].*

   a. *If the measured ambient noise level exceeds the applicable noise level standard in any category shown in the tables, the applicable standards shall be adjusted to equal the ambient noise level.*

   b. *If the noise source being evaluated is continuous and cannot reasonably be discontinued or stopped to allow measurement of the ambient noise level, the noise level measured while the source is in operation shall be compared directly to the applicable noise level standards identified in the tables.*

   Notwithstanding the above requirements, no person shall allow or cause the generation of any noise of a type, volume, pitch, tone, repetition, or duration that would be found to be a nuisance by a reasonable person beyond the boundaries of the property where the noise is generated.

Table 3.8-5. Maximum Allowable Stationary Noise Level by Receiving Land Use (Table 3-2 of the Land Use Code)

Noise Level Descriptor	Maximum Exterior Noise Level			Maximum Interior Noise Level		
	7 am – 7 pm	7 am – 10 pm	10 pm – 7 am	7 am – 7 pm	7 am – 10 pm	10 pm – 7 am
Dwellings, Transient Lodging, Hospitals, Extended Care, and Similar Uses						
Hourly Leq	55 dB	50 dB	45 dB	45 dB	40 dB	35 dB
Maximum	75 dB	75 dB	70 dB	65 dB	65 dB	60 dB
Meeting Facilities, Auditoriums, Theaters, Libraries, Schools, and Similar Uses						
Hourly Leq	55 dB	55 dB	n/a	40 dB	40 dB	n/a
Maximum	75 dB	75 dB	n/a	60 dB	60 dB	n/a

Notes:
(1) The City can impose noise level standards up to 5 dB less than those specified above based upon determination of existing low ambient noise levels in the vicinity of the project site.
(2) These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings).
(3) The standards will be applied at the outdoor activity areas of the receiving land use, and at the building facade for upper floor receivers which do not have an outdoor activity area facing the noise source. Where no outdoor activity area is identified, the City has the option to apply only the interior noise level performance standards.

Table 3.8-6. Maximum Allowable Transportation Noise Exposure (Table 3-3 of the Land Use Code)

Noise Sensitive Land Use	Outdoor Activity Areas (1)	Interior Spaces	
	dBA Ldn	dBA Ldn	dBA Leq (2)
Residential	60 (3)	45	n/a
Transient Lodging	60 (4)	45	n/a
Hospitals, extended care	60 (3)	45	n/a
Theater, auditorium	n/a	n/a	35
Meeting facility, public or private	60 (3)	n/a	40
Offices	n/a	n/a	45
School, library, museum	n/a	n/a	45
Playground, park	70	n/a	n/a

Notes:
(1) Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.
(2) As determined for a typical worst-case hour during periods of use.
(3) Where it is not possible to reduce noise in outdoor activity areas to 60 dB Ldn/CNEL or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 65 dB Ldn/CNEL may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise levels are in compliance with this table.
(4) In the case of hotel/motel facilities or other transient lodging, outdoor activity areas such as pool areas may not be included in the project design. In these cases, only the interior noise level criterion will apply.

2. ***Limitation on hours of construction****. In order to allow construction schedules to take advantage of the weather and normal daylight hours, and to ensure that nearby residents as well as nonresidential activities are not disturbed by the early morning or late night activities, construction site tool and equipment noise shall be limited in compliance with [Table 3.8-7] or as required by conditions of approval.*

Table 3.8-7. Allowable Hours of Construction (Table 3-4 of the Land Use Code)

Day	Allowable Hours
Monday through Friday	8:00 a.m. to 7:00 p.m.
Saturday	9:00 a.m. to 7:00 p.m.
Sunday, Holidays	* No heavy equipment-related construction activities allowed

All stationary and construction equipment shall be maintained in good working order, and fitted with factory approved muffler system.

3. ***Intrusive noise****. When intrusive noise sources have been identified through project review, the review authority shall require that the detrimental effects (sleep interference or the potential for annoyance) be disclosed to neighboring receptor properties.*

4. ***Rhythmic, recurring, or impulsive noise sources****. When noise sources have been identified to be rhythmic, reoccurring, or impulsive in nature or comprised mainly of music or speech, they may comply with applicable noise level criteria and still be annoying to individuals. When these types of noise sources have been identified, they may be subject to additional mitigation or mediation, and shall be subject to the criteria in [Table 3.8-6], with a -5 dB penalty applied to the criteria.*

E. ***Standards for sensitive receptors.*** *New noise sensitive land uses as identified in [Table 3.8-6] shall not be allowed where the noise level from existing non-transportation noise generators will exceed the noise level standards in [Table 3.8-5], or where projected levels of transportation noise will exceed the levels specified in [Table 3.8-6], unless effective noise mitigation measures are incorporated into*

project design to maintain outdoor and indoor noise levels on the receptor site in compliance with [Tables 3.8-5], and [3.8-6].

1. *New noise-sensitive uses. New construction and retrofits at existing buildings shall include appropriate insulation, glazing, and other sound attenuation measures so that they comply with standards in [Table 3.8-6].*

2. *Mitigation required. Noise that may affect a proposed noise sensitive land use shall be mitigated to not exceed the noise level standards in [Table 3.8-5] at the property line of any noise-sensitive land use identified in [Table 3.8-6]. Appropriate mitigation measures include:*

    a. *Noise attenuation measures, and stationary noise source controls shall include the use of barriers, setbacks, site design, baffles, enclosures, silencers, and improved facade construction techniques.*

    b. *Where noise mitigation measures are required, mitigation shall occur primarily through site planning and project design, where feasible. The use of noise barriers shall be considered a means of achieving the noise standards only after all other practical design-related noise mitigation measures have been integrated into the project.*

F. ***Acoustical analysis**. Where the Director determines that a proposed project is a noise sensitive land use (such as hospitals, schools, and health care facilities), or may generate noise in excess of any limit established by [Tables 3.8-5] or [3.8-6], and/or where the use may generate noise in outdoor areas in excess of 60 dBA, the planning permit application for the use shall include an acoustical analysis, which shall:*

3. *Be the financial responsibility of the applicant;*

4. *Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics;*

5. *Include noise level measurements, with sufficient sampling periods and locations, to adequately describe local conditions and the predominant noise sources;*

6. *Estimate existing and projected cumulative (20-year) noise levels in terms of Ldn or CNEL and/or the standards of [Table 3.8-5], and compare those levels to the requirements of this Section and the policies of the Noise Element;*

7. *Recommend appropriate mitigation to achieve compliance with this Section and the policies and standards of the Noise Element, giving preference to proper site planning and design over mitigation measures which require the construction of noise barriers or structural modifications to buildings that contain noise-sensitive land uses;*

8. *Estimate noise exposure after prescribed mitigation measures are implemented; and*

9. *Describe a post-project assessment program that may be used to evaluate the effectiveness of the proposed mitigation measures.*

G. ***Noise measurement**. Exterior noise levels shall be measured at the property line of the noise sensitive land use receiving the noise. Noise measurement shall be made with a sound level meter using the 'A' weighted scale at slow meter response. Fast meter response shall be used only for an impulsive noise.*

The City of Arcata Land Use Code addresses noise in the Downtown Plaza Area in Title IV – Public Welfare, Morals and Conduct, Chapter 3 (City of Arcata 1996). While Chapter 3 does not apply directly to the Gateway Area, the requirements are provided below for reference:

Section 4320 Exterior Noise in General

A. *No person shall make, cause, suffer or permit to be made any noises or sounds at any location within the Downtown Plaza area which causes the average sound level when measured on any other property to exceed:*

1. *60 dBA between the hours of 10:00 p.m. and 7:00 a.m. or 65 dBA between the hours of 7:00 a.m. and 10:00 p.m. for a cumulative period of more than 10 minutes in any hour; or*
2. *the standard expressed in item 1 above plus five dB for a cumulative period of five minutes in any hour; or*
3. *the standard expressed in item 1 above plus 15 dB for any period of time; or*
4. *the ambient noise level, for a period of five or more minutes.*

B. *If the measured ambient noise level exceeds that permissible within any of the first three noise limit categories above, the allowable noise exposure standard shall be the ambient noise level.*

C. *If possible, the ambient noise level shall be measured at a location along the real property boundary on the property adjoining the parcel which is the location of the alleged offending noise source. If the intruding noise source is continuous and cannot be reasonably discontinued or stopped for a time period whereby the ambient noise level can be measured, the ambient noise level shall be determined by traveling away from the noise source to a point where a steady state decibel reading is achieved. If this test is not possible, the noise level shall be compared directly to the noise level standards in section A above.*

D. *Adjustment for character of sound. In the event the alleged offensive noise, as judged by the noise control officer, contains a steady, pure tone such as a whine, screech, or hum, or is an impulsive sound such as hammering or riveting, or is repetitive or rhythmic in character, the standards set forth in section A above shall be reduced by five dB.*

Section 4325 Offensive or Unreasonably Disturbing Noises

A. *Notwithstanding the standards set forth in Section 4320, no persons shall make, cause, suffer or permit to be made any offensive or unreasonably disturbing noise which disturbs any person within hearing distance of such noise.*

B. *Offensive noise means any noise which is loud, boisterous, irritating, penetrating, repetitive, rhythmic or unusual, or that is unreasonably distracting in any other manner, such that it is likely to disturb people of ordinary sensitivity in the vicinity of such noise."*

City of Arcata General Plan 2045

Policies in the Proposed General Plan 2045 relating to noise resources in the Noise Element include:

Policy N-1 Noise Attenuation

Objective. *Reduce, or eliminate, noise impacts at their source by providing enclosures, barriers, and other on-site noise attenuation measures for noise generating activities. Monitor noise levels to ensure that acceptable noise levels are maintained on adjacent sites.*

Applicable sub-policies

- ***N-1a: Noise attenuation measures.*** *Noise attenuation measures, and stationary noise source controls shall include the use of barriers, setbacks, site design, baffles, enclosures, silencers, and improved facade construction techniques.*
- ***N-1b: Noise attenuation.*** *Where noise attenuation measures are required, the emphasis of such measures shall be placed upon site planning and project design. The use of noise barriers shall be considered a means of achieving the noise standards only after all other practical design-related noise attenuation measures have been integrated into the project.*
- ***N-1c: Noise level reduction.*** *To reduce existing, objectionable, industrial, and stationary noise levels at the source, the City shall work with local industries to incorporate noise control technology through building and site design and engineering solutions. The City shall make available current acoustical attenuation techniques (Noise Control Manual) for new and retrofitted industrial development.*

- ***N-1d: Noise standards enforcement.*** *Enforcement of noise standards shall be accomplished through development and implementation of a noise control ordinance, post-project compliance testing, and through the use of mediation.*
- ***N-1e: Mediation of noise conflicts.*** *Where noise conflicts may occur, all affected parties shall strive to use innovative and positive solutions to solve those disputes, including the use of trained mediators. The City recognizes that many noise issues can be resolved before they get to the complaint stage if there is a procedure for airing the issue with an impartial third party.*
- ***N-1f: Resolution of noise disputes.*** *The City shall establish positive ways to discuss and resolve noise issues and disputes, including the use of trained mediators.*

Policy N-2: Stationary Noise Sources and Levels

Objective. *Establish acceptable noise levels for land uses and activities that will protect community residents from the harmful effects of excessive noise exposure from stationary noise generators. Maintain interior and exterior noise standards that will achieve land use compatibility with respect to community noise.*

Applicable sub-policies

- ***N-2a: Noise contour maps.*** *The noise contour map (Figure N-b) and other estimates of noise source levels shall be used in conjunction with the noise source criteria to evaluate the impacts to and from a proposed project, as well as the attenuation measures that may be necessary.*
- ***N-2b: New development of noise-sensitive uses.*** *New noise receptors shall not be allowed where the noise level from non-transportation noise generators will exceed noise level standards (Table N-1), unless effective noise attenuation measures that meet City standards are incorporated.*
- ***N-2c: Noise created by new or proposed stationary noise sources.*** *Noise created by new or proposed stationary noise sources, or the expansion or alteration of an existing use, shall be attenuated so as not to exceed noise level standards (Table N-1) at noise-sensitive land uses. All noise generators not in compliance with these standards will be encouraged to attenuate impacts.*
- ***N-2d: Acceptable noise levels.*** *New construction and retrofits at existing buildings shall include appropriate insulation, glazing, and other sound attenuation measures so that they comply with standards contained in Table N-1. These standards are intended to set levels for external noise sources that could potentially impact a new dwelling or other noise-sensitive use.*

Policy N-3: Transportation Noise Sources and Levels

Objective. *Establish acceptable noise levels for land uses and activities that will protect community residents from the harmful effects of excessive noise exposure due to transportation noise sources. Maintain interior and exterior noise standards that will achieve land use compatibility with respect to community noise.*

Applicable sub-policies

- ***N-3a: New development of noise-sensitive land uses.*** *New development of noise receptors will not be permitted in areas exposed to existing or projected levels of transportation noise exceeding levels specified in Table N-2 unless exterior noise or noise levels in interior spaces can be reduced to meet City Standards (Table N-2).*
- ***N-3b: Roadway projects.*** *To minimize noise impacts, the following criteria may be used as a test of significance for roadway projects:*
    1. *Where existing traffic noise levels are less than 60 dBA Ldn at the outdoor activity areas of noise receptors, a +5 dBA Ldn increase in noise levels due to a roadway improvement project will be considered significant.*
    2. *Where existing traffic noise levels range between 60 and 65 dBA Ldn at the outdoor activity areas of noise receptors, a +3 dBA Ldn increase in noise levels due to a roadway improvement project*

will be considered significant.

3. *Where existing traffic noise levels are greater than 65 dBA Ldn at the outdoor activity areas of noise receptors, a + 1.5 dBA Ldn increase in noise levels due to a roadway improvement project will be considered significant.*

Policy N-4: Acoustical Analysis Requirements

Objective. *Establish a consistent procedure and framework for conducting and reviewing acoustical analyses.*

Applicable sub-policy

- ***N-4a: Noise-sensitive land uses.*** *Where receptor land uses are potentially exposed to existing or projected exterior noise levels exceeding the levels specified in Table N-2 or the performance standards of Table N-1, an acoustical analysis shall be required as part of the environmental review process, so that noise mitigation may be included in the project design. An acoustical analysis prepared pursuant to the Noise Element shall:*
  1. *Be the financial responsibility of the applicant.*
  2. *Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics.*
  3. *Include representative noise level measurements, with sufficient sampling periods and locations, to adequately describe local conditions and the predominant noise sources.*
  4. *Recommend appropriate mitigation to achieve compliance with the adopted policies and standards of the Noise Element, giving preference to proper site planning and design over mitigation measures which require the construction of noise barriers or structural modifications to buildings which contain noise-sensitive land uses.*
  5. *Estimate noise exposure after prescribed mitigation measures are implemented.*

Policy N-5: Intrusive and Intermittent Noise Sources

Objective. *Protect community residents from the effects of excessive, intrusive, and intermittent noise. Set standards for intrusive and intermittent noise sources for both daytime and nighttime periods. Intrusive noise sources have a qualitative aspect that can be annoying. These sources may contain a tonal component which is absent from the existing general background noise. They may also be rhythmic, reoccurring or impulsive in nature, or comprised mainly of music or speech. Intrusive noise can result in annoyance or interference with sleep. These types of noise sources can include, but are not limited to, industrial processes, warning horns, backup alarms, and pressure release devices.*

Applicable sub-policies

- ***N-5a: Intrusive noise.*** *When intrusive noise sources have been identified, the detrimental effects (sleep interference or the potential for annoyance) shall be disclosed to neighboring receptor properties.*
- ***N-5b: Noise levels due to non-transportation sources.*** *Noise levels due to non-transportation sources which may be intermittent or recurring, impulsive noises, pure tones, or noises consisting primarily of speech or music, shall be subject to the criteria contained within Table N-1, with a -5 dBA penalty applied to the criteria.*
- ***N-5c: Rhythmic, reoccurring, or impulsive noise sources.*** *When noise sources have been identified to be rhythmic, reoccurring, or impulsive in nature or comprised mainly of music or speech, they may comply with applicable noise level criteria and still be annoying to individuals. When these types of noise sources have been identified, they may be subject to additional attenuation or mediation.*
- ***N-5d: Construction site tool or equipment noise.*** *The following shall apply to construction noise from tools and equipment:*
  1. *The operation of tools or equipment used in construction, drilling, repair, alteration or demolition*

shall be limited to between the hours of 8 a.m. and 7 p.m. Monday through Friday, and between 9 a.m. and 7 p.m. on Saturdays and Sundays.

2. *Heavy equipment shall not operate on Sundays and City recognized holidays.*

This shall apply to construction noise from tools and equipment that are subject to the review of the City and that may affect receptor uses. This policy shall not apply to emergency work of public service utilities, City sponsored and/or grant funded projects, or by variance under a noise ordinance or authorization by the appropriate City review authority.

- ***N-5e: Stationary and construction equipment noise.*** *All stationary and construction equipment shall be maintained in good working order, and fitted with factory approved muffler systems.*
- ***N-5f: Noise Ordinance.*** *The City of Arcata shall enforce its City-wide noise ordinance. The City shall periodically review and update its noise ordinance.*

Anticipated Land Use Code Changes

It is anticipated that the following revisions to the City's land use code will occur under the proposed General Plan 2045:

- Revise section 9.30.050.D.1.a to the following: "If the measured ambient noise level exceeds the applicable **stationary** noise level standard in any category shown in the tables, the applicable **stationary** standards shall be adjust to equal the ambient noise level."
- Revise the title of Table 3-2 in section 9.30.050.D.1 to the following: "Table 3-2 – Maximum Allowable Noise Level **from Stationary Source** by Receiving Land Use."
- Revise Table 3-2 in section 9.30.050.D.1 to clarify the limit values are in terms of A-weighted decibels (**dBA**), consistent with common practices for environmental sound level limits.
- Add the following note below Table 3-2 in section 9.30.050.D.1: "'Maximum' sound level shall be taken to mean the maximum A-weighted sound level measured with the sound level meter set to Slow response."
- Add the following note below Table 3-2 in section 9.30.050.D.1: "Sound level measurements use to evaluate stationary sources against the applicable limits in should be performed using a lab-calibrated Type 1 or Type 2 sound level meter as defined in ANSI standard S1.4 and checked before and after the measurements using an acoustic calibrator meeting the requirements of ANSI standard S1.40."
- Add the following note below Table 3-4 in section 9.30.050.D.2: "The time restrictions above only apply to heavy equipment and activities which generator significant outdoor noise emissions."
- Add the following note below Table 3-4 in section 9.30.050.D.2: "Heavy equipment usage may operate on Sundays and holidays if the project is compatible with objective design standards, the project includes restricted affordable housing, and the project timeline requires an exception from this prohibition."

City of Arcata Local Coastal Program

There are no policies within the City of Arcata's Local Coastal Plan that regulate noise within the City's jurisdiction of the Coastal Zone.

3.8.4 Evaluation Criteria and Significance Thresholds

The Project would cause a significant impact related to noise, as defined by Appendix G of the CEQA Guidelines, if one or more of the following exists:

- Result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Result in exposure of persons to or generation of excessive ground-borne vibration or ground- borne noise levels;
- Result in substantial permanent increases in ambient noise levels in the project vicinity above levels existing without the project;

– Result in substantial temporary or periodic increases in ambient noise levels in the project vicinity above levels existing without the project;
– For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels; or
– For a project within the vicinity of a private airstrip, expose people residing or working in the project area to excessive noise levels.

3.8.5 Methodology

Impact assessment related to noise compares noise levels allowed under the proposed General Plan 2045 to applicable existing City noise policies and guidelines, as well as existing noise in the study area.

3.8.6 Impacts and Mitigation Measures

Impact NOI-a: **Would adoption and implementation of the General Plan 2045 result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

Gateway Area and Other Infill Opportunity Zones

Adherence to City of Arcata Land Use Code Table 3-3 (see Table 3.8-6 of this Draft EIR) maximum allowable transportation sound level limits requires that outdoor sensitive receptors not be exposed to transportation sound levels exceeding 60 dBA Ldn (with exception of playgrounds and parks, where 70 dBA Ldn in the limit). In the event that all feasible mitigation options have been exhausted, transportation levels as high as 65 dBA at sensitive outdoor receptor locations are acceptable.

Transportation-related noise sources inside of and surrounding the Gateway Area include car and truck traffic on highways and local roads. Roadways, in particular federal and state highways, are a major source of ambient noise in general, especially because most developed communities are located adjacent to these transportation corridors. Highways and streets are expected to remain the major transportation noise sources in the Gateway Area and surrounding region.

Traffic noise emissions depend on several factors including traffic volume, speed, commercial vehicle percentages, environmental effects, and distance to the receptor location. The primary source of noise from automobiles is high frequency tire noise, which increases with speed. In addition, trucks and automobiles produce engine and exhaust noise (audibly dominant over tire noise at low speeds), as well as wind noise. Pavement type and condition can also influence traffic noise. Noise from automobiles is generally located at ground level, whereas truck noise sources can be located as high as 10 to 15 feet above the road surface due to tall exhaust stacks and higher engines.

Differences in elevation can reduce the perceived noise level. Noise from a thoroughfare in a trough or valley between residential areas is reflected upward and focused, similar to a satellite dish, while noise from an elevated thoroughfare will dissipate and is perceived as less of an annoyance. On flat ground, a buffer (such as a sound wall or dense vegetation) can greatly reduce the noise escaping to surrounding areas.

Projected growth during the General Plan Update planning period (up to 2045) is expected to result in development of noise-sensitive uses where noise levels may exceed applicable standards for sensitive interior and outdoor areas. Transportation noise levels exceeding standards contained in Table 3.8-6 of this Draft EIR would represent a significant impact.

Future noise levels were calculated by GHD for the roadways shown in Figure 3.8-1 (GHD 2023a), which are expected to be the primary sources of road traffic noise in the study area. Traffic noise levels for these roadways were assessed using the U.S. FHWA's Traffic Noise Model Version 2.5. Traffic noise modelling and analysis assumptions used in this study included:

- **Ground Absorption**: Ground surfaces throughout the entire study area were modelled as pavement (i.e., flow resistivity of 20,000 cgs Rayls)
- **Receptor Elevation**: Noise contour and intersection sound levels are evaluated at 5 feet above grade
- **Foliage**: No attenuation due to foliage was included to be conservative
- **Building Massing**: No building structures or barriers were included in the model to be conservative
- **Topography**: All topographical changes in elevation have been reflected in the acoustic modelling

Based on the U.S. EPA publication, “Protective Noise Levels” (EPA 1978), standard building construction in warm climates provides on average approximately 12 dBA noise reduction with windows and doors open, and 24 dBA with windows and doors closed. Thus, for potential developments where exterior road traffic sound levels exceed the indoor sound level criteria of Table 3.8-6 by more than 10 dBA (rounded down from 12 dBA), central air conditioning systems will be required to allow occupants to close their windows to achieve acceptable indoor noise levels. Further, where exterior road traffic noise levels exceed the indoor sound level criteria by more than 20 dBA (rounded down from 24 dBA), façade construction upgrades would be required to achieve the applicable indoor sound level criteria.

The projected traffic volumes used in the model were provided by GHD’s Transportation Engineering team (GHD 2023b). The results of the traffic noise analysis under future (2045) conditions are presented graphically as noise level contours in Figure 3.8-2. General setback distances from the roads to achieve various road traffic noise thresholds are summarized as follows:

Table 3.8-8. Setback Distances to Noise Prediction Thresholds

Road Segment	> 65 dBA Ldn	≤ 65 dBA Ldn	≤ 60 dBA Ldn	≤ 55 dBA Ldn
	Setback Distance			
Redwood Highway (US-101)	< 1,300 ft	≥ 1,300 ft	≥ 2,700 ft	≥ 5,000 ft
US-299	< 900 ft	≥ 900 ft	≥ 1,800 ft	≥ 3,600 ft
Samoa Blvd (US-255)	< 180 ft	≥ 180 ft	≥ 550 ft	≥ 1,800 ft
K Street	< 180 ft	≥ 180 ft	≥ 550 ft	≥ 1,800 ft
Alliance Road	< 110 ft	≥ 110 ft	≥ 350 ft	≥ 1100 ft
11th Street	< 80 ft	≥ 80 ft	≥ 250 ft	≥ 800 ft
Mitigation Required for proposed residential, transient lodging, hospitals, extended care	Upgraded building exterior construction, acoustic barriers for Outdoor Activity Areas, and central air conditioning	Acoustic barriers for Outdoor Activity Areas, and central air conditioning	Central air conditioning	None
Study Requirements	When standard design features and adherence to the building code does not result in sufficient noise attenuation, the City may require that minimum building façade sound insulation performance shall be specified by an acoustical consultant and must be sufficient to achieve the applicable indoor sound level limit assuming windows and doors are closed.	When standard design features and adherence to the building code does not result in sufficient noise attenuation, the City may require that dimensions and layout of acoustic barriers shall be specified by an acoustical consultant and must be sufficient to achieve the applicable outdoor sound level limit. As per the City of Arcata Municipal Code, sound	Not required	Not required

Road Segment	> 65 dBA Ldn	≤ 65 dBA Ldn	≤ 60 dBA Ldn	≤ 55 dBA Ldn
	Setback Distance			
	Dimensions and layout of acoustic barriers shall be specified by an acoustical consultant and must be sufficient to achieve the applicable outdoor sound level limit. As per the City of Arcata Municipal Code, sound levels up to 65 dBA Ldn may be acceptable in cases where it is not possible to reduce noise levels to 60 dBA Ldn using a practical application of the best available noise reduction measures.	levels up to 65 dBA Ldn may be acceptable in cases where it is not possible to reduce noise levels to 60 dBA Ldn using a practical application of the best available noise reduction measures.		

As seen in Figure 3.8-2, projected 2045 road traffic noise levels in the Gateway Area and other Infill Opportunity Zones exceed 55 dBA Ldn, such that noise mitigation is expected to be required. For any planned sensitive uses within the corresponding roadway setbacks noted above, mitigation will be required as described below.

Adherence to Table 3-2 of the Land Use Code (Table 3.8-5 in this section) maximum allowable non-transportation sound level limits requires that all outdoor sensitive receptors not be exposed to stationary source sound levels exceeding an hourly Leq of 45 dBA to 55 dBA, dependent on the time of day, and an Lmax of 70 dBA to 75 dBA, dependent on the time of day. Additionally, interior sensitive receptor locations are not to be exposed to stationary source sound level exceeding an hourly Leq of 35 dBA to 45 dBA, depending on the time of day and an Lmax of 60 dBA to 65 dBA, depending on the time of day.

Noise-related land use controls are typically focused in two areas: (1) preventing the introduction of new noise-producing uses in noise-sensitive areas; and (2) preventing encroachment of noise-sensitive uses on existing noise-producing facilities. The first land use control can be achieved by applying noise performance standards to proposed new noise-producing uses. The second land use control can be accomplished by requiring that new noise-sensitive uses located near noise-producing facilities include design features to ensure compliance with noise performance standards. Site-specific noise analyses should be performed where noise-sensitive land uses are proposed near noise sources, or where noise sources are proposed to be located near sensitive land uses, and the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards. Based on typical land use compatibility guidelines, the setbacks in Table 3.8-9 will be used to evaluate the need for detailed assessments of potential noise compatibility issues between stationary sources and sensitive uses.

Table 3.8-9 Industrial Categorization Criteria and Recommended Setbacks (MECP 2021)

Industry Classification	Industry Characteristics	Area of Concern
Light Industry	– Small, self-contained plant or building which produces/stores a packaged product – Daytime operations only – Infrequent movement of products and/or heavy trucks – Sound from operations inaudible or barely audible off-property	70 ft
Medium Industry	– Medium production levels, possibly with some open processes – Nighttime operations permitted – Frequent movement of products and/or heavy trucks, primarily during daytime hours – Sound from operations occasionally audible off-property	250 ft

Industry Classification	Industry Characteristics	Area of Concern
Heavy Industry	– Large production levels, with open processes – Frequent nighttime operations – Outside storage of raw materials and/or finished products – Frequent movement of products and/or heavy trucks, including during nighttime hours – Sound from operations frequently audible off-property	1000 ft

The City would continue to enforce building noise standards and attenuation requirements per the Building Code for all uses. The Building Code regulates the interior environment of new construction. If a proposed commercial / industrial facility is located within the respective setbacks identified above relative to an existing sensitive use or to a property that is zoned to permit such sensitive uses, and the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards, then a detailed stationary noise impact assessment should be required to ensure that appropriate noise controls are incorporated into the design to achieve the applicable sound level limits of Table 3.8-5. Similarly, if a proposed sensitive use is within the respective setbacks identified above relative to an existing industrial / commercial facility, then the developer of such sensitive use should be required to conduct such a study.

Remaining Study Area

The projected 2045 road traffic noise levels in the remainder of the study area includes areas where sound levels are sufficiently high that mitigation is expected to be required, particularly in areas close to SR 101 and SR 299. Any new sensitive developments in the study area would be required to comply with the sound level limits of the Land Use Code and may require noise attenuation beyond the standards provided in the building code and Land Use Code. Generally, these will be demonstrated on the plans using standard practices such as those outlined in the Fire Resistance Design Manual – Sound Control (GA 2018).

Any proposed stationary noise sources (e.g., commercial/industrial facilities) will be required to comply with the stationary noise limits of the Land Use Code.

Mitigation Measures:

Mitigation Measure NOI-1: Noise Study for Planned Sensitive Uses within Roadway Setbacks

For any planned sensitive uses within the corresponding roadway setbacks identified in Table 3.8-8, where the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards, the developer shall undertake a noise study to determine noise control requirements. Dependent on the proximity to the roads, noise control measures may include central air conditioning, acoustic barriers for Outdoor Activity Areas, and/or upgraded building exterior construction.

Mitigation Measure NOI-2: Location and Design Features for High-Noise Generating Uses

In general, high-noise generating uses (e.g., new industrial uses) should be located away from noise-sensitive land uses and minimize excessive noise through project design features that include noise control and landscape buffers. These are supported by General Plan Policies LU-4a, Industrial Uses, LU-4e, Conversion and reuse of industrial sites, and Policy group N-2 in the Noise Element, as well as regulations in the Land Use Code, Section 9.30.050, Noise Standards.

Mitigation Measure NOI-3: Acoustical Analysis for Noise Sensitive or Employment Land Uses within Recommended Setbacks

For discretionary projects, the City may require an acoustical analysis as part of the environmental review process for development of noise sensitive land uses or employment land uses proposed within the recommended setbacks of Table 3.8-9. This analysis shall meet the following requirements:

a. Be prepared by an engineer, architect, or other qualified person experienced in the field of acoustics with an Institute of Noise Control Engineering Board Certification.
b. Include representative noise level measurements with sufficient sampling periods and locations or reference to noise contours and other sources to adequately describe local conditions.
c. Recommend appropriate mitigation or include reference to standardized metrics for assemblies used in the construction that are known and tested to reduce interior noise to achieve compliance with the adopted policies and standards of the Noise Element.
d. Estimate interior and exterior noise exposure after the prescribed mitigation measures have been implemented.

In the event that an acoustical analysis of a proposed development identifies exceedances of applicable non-transportation sound level limits, the analysis should identify and expand on the source(s) of noise responsible for the non-compliance. Upon identification of the problematic source(s), tailored mitigation measures can be developed.

Level of Significance: Less than significant with appropriate mitigation incorporated into design of developments where necessary to comply with the sound level limits of the Land Use Code.

Impact NOI-b: Would adoption and implementation of the General Plan 2045 result in exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?

Gateway Area and Other Infill Opportunity Zones

It is likely that intrusive ground-borne vibration levels will primarily be sourced from construction activity inside the Gateway Area and other Infill Opportunity Zones, as well as elsewhere in the City, during future development. While large trucks on roadways have the capacity to generate ground-borne vibrations, the road surfaces in question around the Development Areas are unlikely to generate intrusive levels of ground-borne vibration.

Earth moving and earth compacting activities using heavy machinery would create ground-borne vibrations and noise that may be noticeable on a temporary and intermittent basis, at nearby residences, school, commercial and retail businesses. Noticeable ground-borne vibrations and noise would be limited to normal daytime hours. Any proposed development projects would comply with all applicable City policies to abate construction-related noise impacts. The Land Use Code restricts construction activity to specified daytime hours, and that all construction equipment be maintained in good working order and fitted with factory approved mufflers. Adherence to these policies would result in a less than significant impact with regard to exposing persons to or generating excessive ground-borne vibration or ground-borne noise levels. Additional ground-borne vibrations beyond baseline conditions are not anticipated as a result of normal operational (permanent) activities, and the potential impact would be less than significant. For significant construction activities occurring within 50 feet of an existing structure, construction vibration assessments may be warranted to ensure potential for damage is minimized and monitored.

Remaining Study Area

Construction activity is similarly expected to be the primary source of ground-borne vibration throughout the remainder of the study area, as there are no longer any active rail lines within the study area. Construction activities will be temporary and likely periodic, dependent on the rate of development. It is expected that construction activities will be less frequent in the areas outside of the Gateway Area and other Infill Opportunity Zones.

Mitigation Measures:

Mitigation Measure NOI-4: Vibration intensive construction operations such as pile driving should be avoided whenever possible in favor of less intensive alternatives such as caisson drilling.

If vibration intensive operations must be conducted, active vibration monitoring of nearby sensitive structures shall be conducted to ensure no foundational/structural damage occurs.

Level of Significance: Less than significant with mitigation

Impact NOI-c: Would adoption and implementation of the General Plan 2045 result in substantial permanent increases in ambient noise levels in the project vicinity above levels existing without the project?

Gateway Area and Other Infill Opportunity Zones

Permanent increases to road traffic noise levels in the Gateway Area and Infill Opportunity Zones would be expected by the year 2045 as a result of population growth under the General Plan 2045. Based on traffic volume projections, sound levels adjacent to some of the roads may increase by up to 3.6 dBA. A sound level increase of 3 to 4 dBA is typically characterized as “just-perceptible;” therefore, this is not considered to be a significant permanent increase.

Development of commercial / industrial uses within the Gateway Area and Infill Opportunity Zones is expected; however, provided that they comply with the sound level limits of the Land Use Code, the associated increases to the overall ambient sound levels in these areas is not expected to be significant.

Remaining Study Area

Adoption and implementation of the General Plan 2045 is not expected to affect development throughout the remaining study area. Therefore, there would be no significant change to overall ambient noise levels from commercial / industrial facilities.

Similar to the Gateway Area and other Infill Opportunity Zones, road traffic volumes are projected to increase on many of the roads throughout the remainder of the study area as a result of population growth. Based on traffic volume projections, sound levels adjacent to some of the roads may increase by up to 3.6 dBA. A sound level increase of 3 to 4 dBA is typically characterized as “just-perceptible;” therefore, this is not considered to be a significant permanent increase.

Mitigation Measures:

Mitigation Measure NOI-1: Noise Study for Planned Sensitive Uses within Roadway Setbacks

Mitigation Measure NOI-2: Location and Design Features for High-Noise Generating Uses

Mitigation Measure NOI-3: Acoustical Analysis for Noise Sensitive or Employment Land Uses within Recommended Setbacks

Level of Significance: Less than significant with appropriate mitigation incorporated into design of developments where necessary to comply with the sound level limits of the Land Use Code.

Impact NOI-d: Would adoption and implementation of the General Plan 2045 result in substantial temporary or periodic increases in ambient noise levels in the project vicinity above levels existing without the project?

Gateway Area and Other Infill Opportunity Zones

Construction in the Gateway Area and other Infill Opportunity Zones would temporarily increase noise in the immediate surrounding area. The temporary noise increases would result from use of construction equipment for the Project, as well as from increased traffic as construction workers commute to and from the construction site. To prevent noise disturbance to the community, the Land Use Code limits construction activity to the hours between 8 a.m. and 7 p.m. Monday through Friday, And between 9 a.m. and 7 p.m. on Saturdays. No heavy equipment-related construction activities shall be allowed on Sundays or holidays. Temporarily heightened noise levels would be generated during construction. Noise levels would be consistent with the reference noise levels in Table 3.8-10 below.

Table 3.8-10 Construction Equipment Reference Noise Levels as Measured at 50' (FTA 2018)

Equipment	Noise Level (dB[1])	Equipment	Noise Level (dB)
Drill rig truck	84	Jackhammer	85
Horizontal Boring Hydraulic Jack	80	Large Generator	82
Front end loader or Backhoe	80	Paver or Roller	85
Excavator	85	Dump truck	84

Sound from a point source is known to attenuate at a rate of -6 dB for each doubling of distance. For example, a noise level of 84 dB Leq as measured at 50 feet from the noise source would attenuate to 78 dB Leq at 100 feet from the source and to 72 dB Leq at 200 feet from the source to the receptor. Based on the reference noise levels in Table 3.8-10, the noise levels generated by construction equipment at the project site may reach a maximum of approximately 85 dB Leq at 50 feet during site excavation and construction. The maximum noise level would result in short-term increases in noise to sensitive receptors in and adjacent to the development; however, construction-related increase in noise would not constitute a significant noise-related impact.

[1] "dB" is an A-weighted decibel measurement for assessing hearing risk and, therefore, is used by most regulatory compliance.

Remaining Study Area

The adoption of the General Plan 2045 is not anticipated to affect construction activities in the remainder of the study area. Therefore, temporary increases in noise levels are not anticipated to be affected, except in areas close to the Gateway Area and other Infill Opportunity Zones.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact NOI-e: **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

The study area is not located within the vicinity of an airport land use plan or within two miles of a public airport. Therefore, airport-related noise impacts are not anticipated within the study area.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact NOI-f: **For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

The study area is not located within the vicinity of a private airstrip. Therefore, airstrip-related noise impacts are not anticipated within the study area.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

3.8.7 Cumulative Impacts

Impact NOI-C-1: **Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Noise?**

Gateway Area and Other Infill Opportunity Zones

Allowable cumulative noise levels in the Gateway Area and other Infill Opportunity Zones will be comparable to those that could occur without adoption and implementation of the General Plan 2045. With adherence to applicable federal, state, and local regulations governing noise compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with noise in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Remaining Study Area

With adherence to applicable federal, state, and local regulations governing noise compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with noise in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.8.8 References

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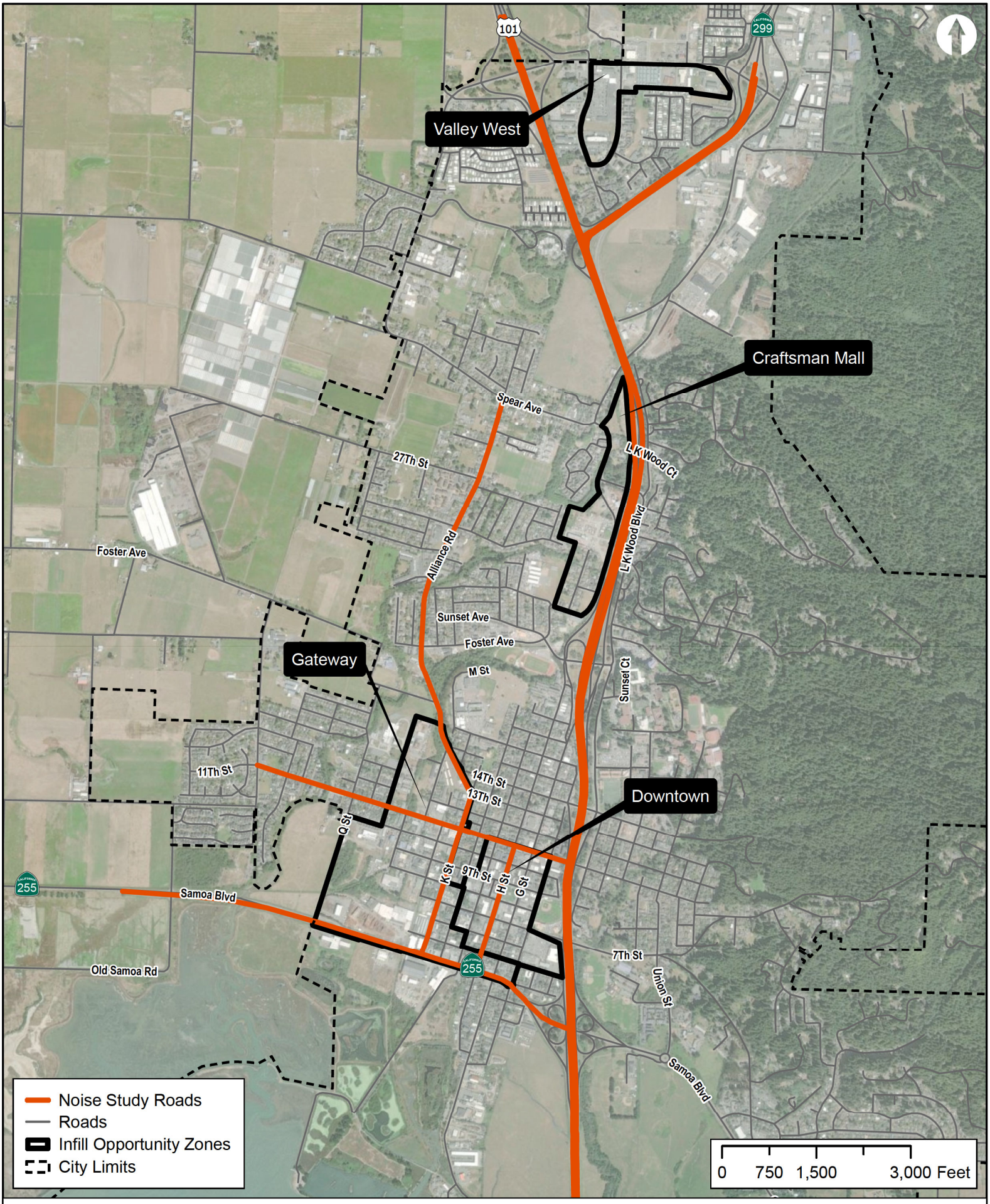

Figure 3.8-1

Draft Environmental Impact Report:
Arcata General Plan 2045 and Gateway Area Plan
Road source Location Plan

Created by GHD
Map Date: 9/5/2023

Source: Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

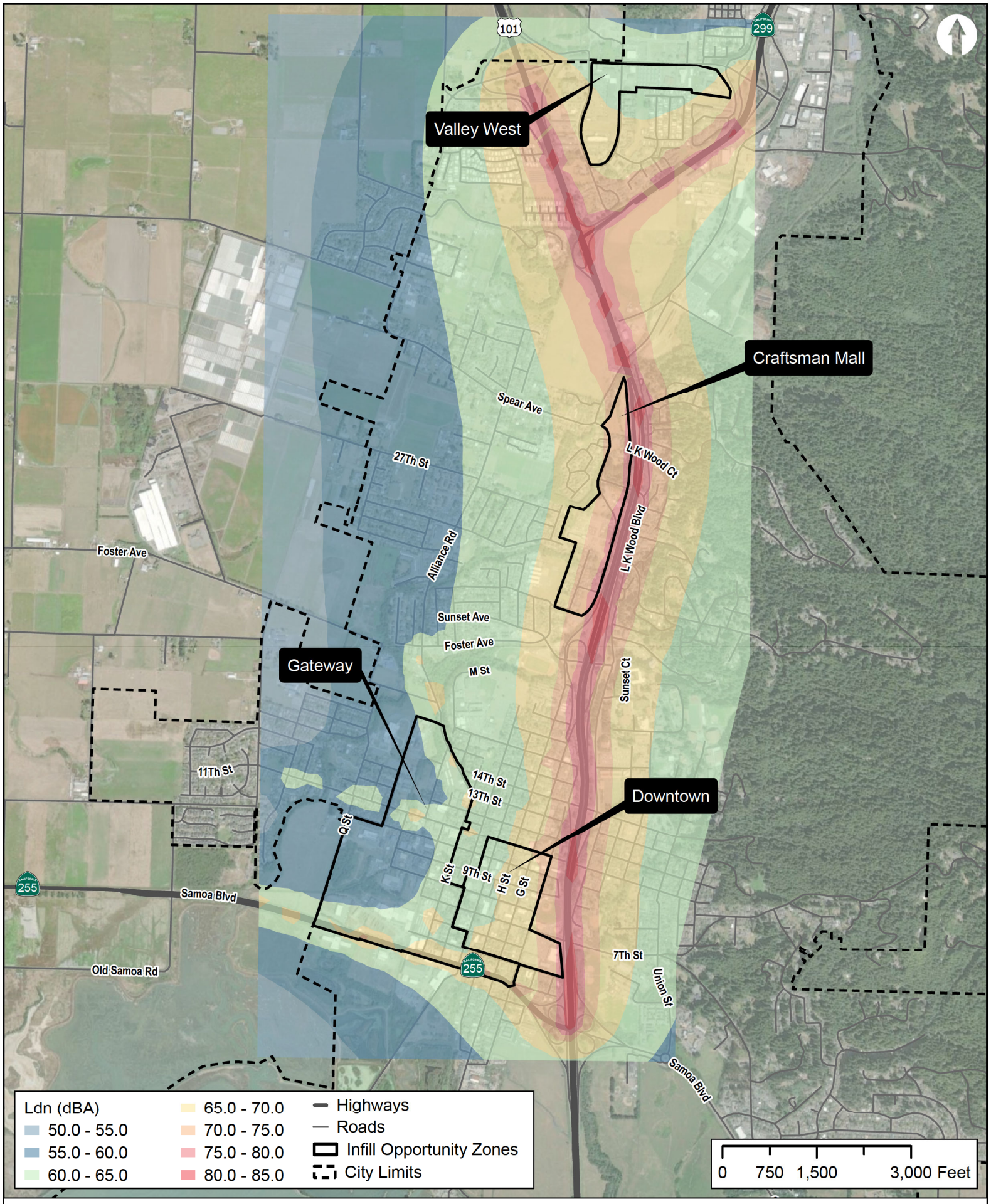

Figure 3.8-2

Draft Environmental Impact Report:
Arcata General Plan 2045 and Gateway Area Plan
Transportation Noise Contour - 2045 Traffic Noise

Created by GHD
Map Date: 9/5/2023

Source: Maxar; Roads: Humboldt County; Proposed Facilities: GHD

3.9 Population and Housing

This section evaluates the potential impacts related to population and housing resulting from adoption and implementation of the General Plan 2045.

Multiple comments related to population and housing were received in response to the Notice of Preparation circulated for the proposed General Plan 2045. Comments included those related to how the City is tracking or calculating population growth, differences in growth expected in different neighborhoods, prevention of gentrification, procedures to maintain low rent costs and home ownership in the Gateway Area, future jobs and industry in the Gateway Area, and support for infill and mixed-use development.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to population and housing, and the Impact Analysis section establishes the thresholds of significance, evaluates potential impacts, and identifies the significance of impacts.

3.9.1 Study Area

For impact assessment related to population and housing, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.9.2 Setting

As described in the Project Description, this Draft EIR evaluates the projected development that could occur with implementation of the General Plan through 2045.

Population within the Study Area

According to the U.S. Census, the City had an estimated population of 15,197 in 1990 and 18,857 in 2020 (U.S. Census 1992, 2022). The planning period between 2000 and 2020 expected 1 percent growth per year and a total population growth of 20 percent. Over the decade from 2010 to 2020, the actual population growth was approximately 0.94 percent annually. The median age of Arcata's population is approximately 25 years of age, 10 years or more younger than the median age of other communities in Humboldt County (ADE 2021). An estimated 11.2 percent of the population is under 18 years of age (U.S. Census 2022).

Population Estimates

As described in the Project Description, the City is planning for the same annual background growth rate of 1 percent plus a growth factor associated with the increased population pressure associated with climate change, Cal Poly Humboldt, telework and COVID migrants, and a host of regional and local economic drivers that affect the desirability of this community. Considering all of these factors, the range of 1 percent to 1.4 percent results in a final population of between 25,000 and 27,000 by 2045. The Cal Poly Humboldt Prospectus anticipates a total resident population of just over 10,000 students by 2030 (HSU 2021). In addition, the Cal Poly Prospectus indicated the need for approximately 625 new faculty and staff at full projections. While not all these new community members will live in Arcata, Cal Poly will be a major driver of population growth.

Population Assumptions

- Modest growth rate of 1 percent to 1.4 percent annually.
- Total resident maximum population in 2045 of 27,000 (calculated at 1.4 percent annually from base year 2020).
- Average household size ranging between 2.2 and 2.5.
- Cal Poly Humboldt will continue to influence Arcata's demographics, resulting in a lower median age than surrounding communities and the state as a whole, influencing the type of demand for housing.

Households and Dwelling Units within the Study Area

The number of households in the City was estimated at 6,073 in 1990 and 7,722 in 2010 (U.S. Census 1992, 2010). In 2018, the greatest number of housing structures in the City were detached single family, though the number of five or more units increased at the fastest pace when compared with number of structures in 2010 (City of Arcata 2019). The number of housing structures estimated in 2018 is shown in the table below.

Table 3.9-1: Housing Units by Type in 2018 (City of Arcata 2019)

Units in Structure	Number of Units
Single-family detached	3,374
Single-family attached	524
2 to 4 units	1,203
5 or more units	2,029
Mobile home	889
Total	**8,019**

Housing Estimates

Assuming the total resident maximum population in 2045 will be 27,000, a total of 2,791 additional dwelling units and 1,550 net additional dorm beds would be developed to accommodate that growth. This estimate is based on 2.36 persons per household, per 2021 census data, and one dorm bed, regardless of configuration, per the Cal Poly Prospectus. This Draft EIR assumes that the creation of dwelling units to meet the need of future residents would occur within the City's existing boundaries, particularly within the Infill Opportunity Zones identified in the City's 6th Cycle Housing Element (and described in the Project Description). Due to the infinite combinations of how this development could occur and for the purpose of analysis in this Draft EIR, assumptions were made regarding the location and number of units to be developed by 2045. Approximately 42 percent of dwelling units are estimated to occur within the Infill Opportunity Zones, 36 percent of dwelling units are to be provided by Cal Poly Humboldt, and 22 percent of dwelling units would occur within the remaining study area. Additionally, these assumptions include the following:

– Housing Element Vacant Parcels – 351 units
– Accessory Dwelling Units and Small Lot Splits – 400 units
– Gateway Area (Infill Opportunity Zone) – 500 units
– All Other Infill Opportunity Zones – 1,340 units
– Redevelopment Infill – 200 units
– Cal Poly Humboldt Campus Housing – 1,550 units

The City of Arcata Regional Housing Needs Allocation developed for the 6th Cycle Housing Element update included housing needs by income type; Table 3.9-2 below summarizes the data presented in the Market Infill Study (ADE 2021).

Table 3.9-2: Arcata Regional Housing Needs Allocation 2019-2027

Income Group	Total Regional Housing Needs Allocation	Progress from January to October 2019*	Remaining Regional Housing Needs Allocation
Very Low	142	20	122
Low	95	23	72
Moderate	111	12	99
Above Moderate	262	3	259
Total	610	58	552

*Building Permits and/or Planning Permits issued for new residential construction.

Housing Assumptions

– New housing will result from infill, not greenfield expansion/annexation.
– As the largest regional employer and principal population driver in Arcata, Cal Poly Humboldt will continue to have an outsized influence on housing in the City. Cal Poly plans to develop and maintain housing to accommodate approximately 50 percent of its planned 2030 resident student population.

Employment

Arcata's employment is predominantly made up of jobs in the education, healthcare, arts and entertainment, retail trade, manufacturing, construction, and professional management services industries. Major employers within Arcata include Cal Poly Humboldt, Mad River Community Hospital, Bettendorf Trucking, the Danco Group, and the North Coast Coop, but nearly 80 percent of employers have fewer than 10 employees. Approximately 64 percent of the population is estimated to be in the civilian labor force (U.S. Census 2022) and the unemployment rate was estimated at 5.5 to 6.0 percent between 2017 to 2019 (ADE 2021). According to the Housing Needs Assessment in 2019, approximately half of Arcata's residents work in the City and Arcata has a ratio of 1.04 employed persons for each housing unit (City of Arcata 2019).

Employment Estimates

Economic growth is planned to be commensurate with housing growth. The development related to the City's economic growth will be concentrated in specific zones according to the Land Use Element. The General Plan Land Use Element includes a range of allowable commercial and industrial uses that could increase the City's employment base. The majority of the new development in the Gateway Area Plan would be residential; however, non-residential land uses (retail, personal services, restaurants, professional offices, hotels, light manufacturing, and arts and entertainment uses) would be incentivized and would provide new employment opportunities.

Employment Assumptions

– Arcata will continue to attract small and medium sized businesses that are predominantly local start-ups.
– Business retention and succession planning will play a critical role in maintaining Arcata's economy and jobs base.

3.9.3 Regulatory Framework

Federal

There are no federal regulations which apply to population and housing in the City of Arcata.

State

State Housing Element Statutes

The state housing element statutes (Government Code Sections 65580-65589.9) mandate that cities and counties must plan effectively to meet the housing needs of all economic segments within their communities, both current and projected.

In compliance with Section 65583 of the California Government Code, cities and counties are mandated to prepare a Housing Element as part of their General Plan. This section provides specific guidelines on the content of the Housing Element. The Housing Element must include a plan that encourages and supports the creation of accessory dwelling units for very low- or moderate-income households, which are offered at affordable rents as defined in Section 50053 of the Health and Safety Code. The Housing Element must also include a program that imposes housing replacement requirements on certain identified sites in the inventory. These requirements

mandate the replacement of units that are affordable to the same or lower income levels, in accordance with the provisions outlined in the State Density Bonus Law (Government Code Section 65915(c)(3)). Housing Elements must be updated at least once every eight years. Arcata's most recent Housing Element update occurred in 2019, which was the 6th Housing Element Cycle.

Government Code Section 65584 requires regions to address housing issues and needs based on future growth projections. The California Department of Housing and Community Development prepares an initial housing needs assessment and then collaborates with the regional "council of governments" to develop results in the final assessment. The Humboldt County Association of Governments (HCAOG) developed the Humboldt County Regional Housing Needs Plan, which allocates to cities and the unincorporated county their "fair share" of the total county Regional Housing Needs Allocation. The principal use of the allocations in the Regional Housing Needs Plan is inclusion in local housing elements as the shares of regional housing need. Local governments are mandated to adequately plan to meet the existing and projected housing needs of all economic segments of the community. The law recognizes the importance of local governments adopting land use plans and regulations that facilitate housing development without excessive constraints in order to address housing needs and demands in the private market. The state-established Regional Housing Needs Allocation period of Humboldt County is 2018 to 2027.

Government Code Section 66410 (Subdivision Code)

A subdivision refers to the division of land with the intention of selling, leasing, or financing it. In the State of California, the Subdivision Map Act (Government Code Section 66410) governs subdivisions throughout the state. The Subdivision Map Act aims to achieve several goals including, encouraging organized and well-planned community development by regulating and controlling the design and improvement of subdivisions, considering their relationship to adjacent areas. Another goal is ensuring that areas within the subdivision dedicated for public purposes are appropriately developed by the subdivider. This prevents these areas from becoming burdensome to the community. Lastly, the Subdivision Map Act aims to safeguard the public and individual buyers from fraudulent activities and exploitation related to subdivisions. This includes protecting buyers from deceptive practices during the purchase or transfer of subdivided land. The Subdivision Map Act serves to promote orderly and responsible development, protect public interests, and prevent potential harm or exploitation in relation to subdivisions in California.

Senate Bill 375

SB 375 became law in 2009 and requires the integration of planning processes for transportation, land use, and housing in order to reduce greenhouse gas emissions from cars and light trucks. It also provides incentives to encourage more compact new development and transportation alternatives as well as CEQA exemptions and streamlining for projects that conform to the regional sustainable communities strategy to achieve the emissions reduction target set by the California Air Resources Board. The City of Arcata is not required to develop a sustainable communities strategy.

Housing Bills

Governor Gavin Newsom signed multiple bills aimed at addressing the housing crisis in California. These bills were designed to incentivize affordable housing, simplify the construction of accessory dwelling units, and streamline permitting and approvals processes. Most of the following bills took effect in 2020:

- SB 113 enables the transfer of millions in state funds to the National Mortgage Special Deposit Fund, with the intention of creating a trust to manage these funds for borrower relief and legal aid to vulnerable homeowners and renters. SB 330 (Housing Crisis Act of 2019), Introduced by Senator Nancy Skinner, this bill accelerates housing production by streamlining permitting and approval processes, ensuring no net loss in zoning capacity, and limiting fees after projects are approved.
- SB 330 is known as the Housing Crisis Act of 2019. This bill aims to expedite housing production in California by simplifying the permitting and approval processes. It ensures that there is no net reduction in the zoning capacity for housing and imposes limitations on fees charged for housing projects after they have

been approved. The goal of SB 330 is to remove obstacles and streamline the development of new housing in the state to address the ongoing housing crisis.

- Assembly Bill (AB) 1763, which came into effect on January 1, 2020, modifies the State Density Bonus Law (Section 65915) in California. This amendment enables the construction of taller and denser 100 percent affordable housing projects, particularly those located in close proximity to transit, by introducing an enhanced affordable housing density bonus. The purpose of this change is to facilitate the development of more affordable housing units and promote their construction in transit-accessible areas. This bill, by expanding the responsibilities of local planning officials regarding the allocation of density bonuses, would impose a program mandated by the state on local governments. According to the California Constitution, the state is obligated to reimburse local agencies and school districts for certain costs incurred due to state-mandated activities. However, this bill specifies that no reimbursement is necessary for a specific reason, indicating that the state will not provide reimbursement for the costs associated with this legislation.
- AB 116 removes the requirement for Enhanced Infrastructure Financing Districts to obtain voter approval before issuing bonds.
- AB 1485 builds on existing environmental streamlining laws and promotes the production of moderate-income housing.
- AB 101, the Housing Development and Housing 2019-20 Budget Act, requires local governments to provide "by right," CEQA-exempt approvals to certain qualifying navigation centers that move homeless Californians into permanent housing. The law creates additional incentives for cities to comply with their mandates to plan for sufficient housing in their Housing Elements and provides some modest additional remedies that the state can use in court when cities fail to comply with housing element law.
- AB 1783 creates a streamlined, ministerial CEQA-exempt approval process for qualifying agricultural employee housing developments on land zoned primarily for agricultural uses.
- AB 1255 requires cities and counties to report their surplus lands in urbanized areas to the state, which will then include this information in a digitized inventory of state surplus land sites.
- AB 1486 expands the Surplus Land Act requirements for local agencies, mandates that local governments include specific information on surplus lands in their housing elements and annual progress reports, and requires the State Department of Housing and Community Development to establish a database of surplus lands.
- SB 6 requires the state to create a public inventory of local sites suitable for residential development, along with state surplus lands.
- SB 751 establishes the San Gabriel Valley Regional Housing Trust, which aims to finance affordable housing projects for homeless and low-income populations in the region.
- AB 1483 promotes greater transparency and data-driven decision-making in housing policy and planning by mandating that local jurisdictions in California make information regarding zoning ordinances, development standards, fees, exactions, and affordability requirements publicly available. Additionally, the bill requires the Department of Housing and Community Development to create and regularly update a comprehensive 10-year housing data strategy.
- AB 1010 grants eligibility to duly constituted governing bodies of Native American reservations or Rancherias to participate in affordable housing programs in California. This bill aims to address the housing needs of Native American communities by allowing their governing bodies to access and participate in affordable housing programs.
- AB 1743 expands the properties that are exempt from community facility district taxes. This includes properties eligible for the property tax welfare exemption. The bill also restricts the ability of local agencies to reject housing projects solely because they qualify for the exemption.
- SB 196 introduces a new welfare exemption from property tax for properties owned by a Community Land Trust. It also introduces changes to property tax assessments for properties subject to contracts with Community Land Trusts.

- AB 68 introduces significant changes to facilitate the development of more accessory dwelling units and address barriers to construction. The bill reduces approval and construction barriers for accessory dwelling units, promoting the production of low-cost, energy-efficient units that contribute to California's affordable housing supply.
- AB 881 removes obstacles to accessory dwelling unit construction by restricting local jurisdictions' permitting criteria. It clarifies that accessory dwelling units constructed in existing garages must receive streamlined approval and eliminates the requirement of owner-occupancy for five years.
- AB 587 provides a limited exemption for affordable housing organizations to sell deed-restricted land to eligible low-income homeowners.
- SB 13 establishes a tiered fee structure for accessory dwelling units, charging them more fairly based on their size and location. The bill also addresses other barriers by reducing the application approval timeframe, offering a pathway for unpermitted accessory dwelling units to meet code requirements, and enhancing enforcement mechanisms to ensure compliance with accessory dwelling unit statutes.
- AB 671 requires local governments' housing plans to promote affordable accessory dwelling unit rentals. It also mandates the development of a list of state grants and financial incentives for affordable ADUs.

California Coastal Act

A portion of the study area is within the Coastal Zone. The Coastal Act set policies related to management of resources in California's coastal zone. The policies of the Coastal Act constitute the statutory standards applied to planning and regulatory decisions made by the California Coastal Commission, pursuant to the Coastal Act. The General Plan must comport with legislative policies relating to the California Coastal Act.

Local

The study area equates to the City limits and the western portion of the study area (bisected by Samoa Blvd and Old Arcata Road) is also within the Coastal Zone. Therefore, this section includes City of Arcata General Plan and City Local Coastal Program policies.

Humboldt County Regional Housing Needs Assessment Plan

HCAOG develops the Regional Housing Needs Assessment Plan for Humboldt County, per Government Code Section 65583. The total allocation for the City of Arcata during the 2019-2027 planning cycle is 610 dwelling units.

City of Arcata General Plan 2020

The following policies from the City of Arcata General Plan Land Use Element address population and housing:

> ***Policy LU-1: Overall Land Use Pattern: Land Use Plan Map***
>
> ***Objective.*** *Provide an overall land use arrangement that concentrates city-wide uses and functions in the central Plaza Area, linked with a series of neighborhood centers which provide a mix of commercial services, residential uses, and community facilities.*
>
> *Applicable sub-policies:*
>
> - ***LU-1d: Mixed-use neighborhood centers.*** *The existing neighborhood centers of Westwood, Valley West, Sunny Brae, Uniontown, and Greenview are designated as multiple-use sites where additional retail establishments, personal and business services, and other neighborhood-oriented commercial services are encouraged to be developed. Substantial additions to these existing centers shall include residential units on upper floors where feasible or in separate buildings. Upgrading these centers shall include additional landscaping, improvement of parking lot designs, and provision of transit access, such as bus turnouts. Appropriate lands near these centers are designated for higher density residential uses in order to encourage walking and bicycling to neighborhood services.*

- ***LU-1f: Promotion of infill development.*** *The City encourages appropriate redevelopment of certain parcels of land which are either underutilized, brownfields, or vacant but surrounded by existing urban development. These sites represent development opportunities using existing infrastructure, and shall have priority for development over vacant sites that are located outside the urban services boundary (designated in the Growth Management Element) which require investment in extension of infrastructure and services. Infill development may include new residential units on upper floors of commercial structures, development of second units on residential lots, and new or expansion of existing residential and commercial structures consistent with the provisions of the applicable land use plan designations. The Planned Development procedure shall be encouraged for coordinated development on larger infill sites.*

Policy LU-2: Residential Land Use

Objective. *Allow for a mix of housing types and densities to meet the physical, social, and economic needs of residents, with new and converted housing designed to be compatible with the established neighborhood character.*

Applicable sub-policies:

- ***LU-2a: Residential Land Use Classifications.*** *The following land use designations are applicable to residential lands. Table LU-2 defines permitted uses, densities, lot sizes, and other development standards for each classification.*

  Residential Very Low Density [R-VL]. This designation allows the lowest density residential development in areas where physical constraints, protection of natural features, or preservation of semi-rural character are important considerations. The R-VL designation is applicable primarily for lands with steep slopes and where the open space character of Arcata's hillsides and perimeter lands are to be preserved. Individual homesites are allowed in hillside areas, as long as precautions are taken to prevent the excessive removal of vegetation and strict grading controls are enforced to prevent erosion. Development and grading on areas characterized by slopes over 25% should be avoided. Review of development proposals in all hillside areas shall ensure that seismic and geologic hazards are avoided or mitigated. More detailed hillside development standards are included in Policy PS-3c.

  The R-VL designation allows creation of lots as small as 20,000 square feet, in the less-steep areas of Arcata's hillsides. Newly created lots in this zone must contain a buildable area of sufficient size and flatness to allow development without significant environmental damage or landform alteration. The development regulations for R-VL are intended to balance protection of the sensitive hillside environment with the need for quality housing sites. This designation is also intended to protect the existing rural environment in certain areas of Arcata and to provide a transition between urban uses and agricultural operations.

  - *Residential – Low Density [R-L]. The low density residential designation primarily provides for single-family homes on individual lots. This designation is found throughout the community, including the older, historical neighborhoods surrounding the Plaza Area, Sunny Brae, Sunset, Preston Ridge Area, and Greenview Terrace.*
  - *Residential – Medium Density [R-M]. Medium density residential unit types typically include duplexes, townhouses, co-housing, low density apartments, and modular housing located in mobile home parks.*
  - *Residential High Density [R-H]. The Colony Inn and Humboldt Green multifamily units are representative of R-H density. R-H density residential uses are designated in central Arcata to allow increases in density above present levels.*

- ***LU-2b: Diversity and choice in residential environments****. The land use plan map shall provide sufficient quantities of land in the various residential use categories to allow for development of a variety of types of new housing units and residential environments. The purpose shall be to maintain an appropriate balance between single-family housing on individual lots and multi-unit housing types. The*

City shall encourage residential developments which collectively provide a variety of choices for housing consumers in terms of types of units, location, unit sizes, costs, design, amount of privacy, and neighborhood environment. Inclusionary measures shall be provided for affordable housing. To encourage this, the City will implement inclusionary zoning and provide incentives to developers to include low and moderate income housing units in their proposals.

- ***LU-2c: Specific considerations for certain residential areas**. Certain specific parcels have unique characteristics and/or limitations that require careful consideration when development or a change of use occurs. The considerations for the identified parcels shall be as described in Table LU-3.*
- ***LU-2d: Planned residential developments**. On vacant sites of one acre and larger designated for residential use, the Planned Development combining zone shall be required. The purpose shall be to: incorporate a mix of residential types, unit sizes, and styles in a coordinated manner to allow clustering of units; to provide larger, more usable areas of common open space; and to protect natural resources or site features, such as creekside riparian areas, wetlands, and significant vegetation such as trees. Where planned residential developments are adjacent to non-residential uses, appropriate visual and noise buffers shall be provided between the uses. Other provisions in the General Plan would assure affordable housing.*

Policy LU-3: Commercial Land Use

***Objective.** Provide sufficient land areas and locations for a variety of retail and commercial services, to serve the consumer needs of the community and visitors.*

Applicable sub-policies:

- ***LU-3d: Inclusion of residential uses**. Commercial developments should include residential units where feasible. Residential units should be located on upper floors or at the rear, to maintain uninterrupted commercial uses at the street level. This shall not apply to the C-VS land use category. Any residential development in new structures shall comply with the development standards of the R-M land use category.*
- ***LU-3e: Primary residential uses in Commercial – Central [C-C].** To maximize housing opportunities, residential uses are allowed as the primary use on vacant sites designated C-C, at densities consistent with the R-H designation, with a use permit.*

Policy LU-6: Agricultural and Natural Resource Lands

***Objectives.** Preserve and promote the sustained production of natural resources; preserve and promote the agricultural, forest, and aquaculture lands; and protect public natural resource/open space lands, including stream courses, wetlands, tidelands, and open space areas. Provide for complementary uses including farm housing, processing of agricultural and aquaculture products, and access for timber harvesting, in designated areas.*

Applicable sub-policies:

- ***LU-6a: Agricultural and Natural Resource classifications.** The following land use categories are applicable to agricultural and natural resource lands. Table LU-9 defines permitted uses, densities, lot sizes, and coverages for each category.*
  - *Agriculture Exclusive [A-E]. This designation is intended to preserve land for agricultural production. The A-E designation is appropriate for lands with prime agricultural soils and wetlands that could be used as grazed agricultural lands. Structures associated with agricultural production, such as barns and farmhouses, are appropriate uses in A-E areas.*
  - *Agriculture Residential [A-R]. This designation allows very low density residential development on agricultural lands. Structures associated with agricultural production, such as barns and farmhouses, would be appropriate uses in these agricultural areas.*

- ***LU-6d: Uses allowed in diked/reclaimed former tidelands****. Allowable uses and development in grazed or farmed wetlands are limited to uses compatible with the Public Trust. These uses are summarized below:*

    1. *Farm-related structures, including barns, sheds, and farmer-occupied housing, necessary for the performance of agricultural operations. Such structures may be located on an existing grazed or farmed wetland parcel only if no alternative upland location is available for such purpose and the structures are sited and designed to minimize adverse environmental effects on Public Trust resources and uses. No more than one primary and one secondary residential unit shall be allowed per parcel.*

The following policies from the City of Arcata General Plan Growth Management Element address population and housing:

Policy GM-2: Sphere of Influence

Objective. *Designate an appropriate amount of urban reserve and open space land in the Sphere of Influence to provide for the ultimate development of the City*

Applicable sub-policies:

- ***GM-2b: Changes to the Sphere of Influence boundary****. The City shall comprehensively evaluate the Sphere of Influence boundary at least every five years, but more frequently if appropriate. Any boundary amendments shall be considered by the Planning Commission and recommended to the City Council, prior to any action by LAFCo. Any City decision to change the boundary shall be based on the following:*

    1. *The resulting area has an adequate supply of land to accommodate projected housing needs allocated by the Humboldt County Council of Government*

Policy GM-4: Urban Services and Urban Services Boundary

Objective. *Define the boundary that limits the extent of City services and urban uses, within the City's incorporated area and Sphere of Influence. Extend City services to urban uses within the urban services boundary when provision of those services will not exceed the City's planned system capacities*

Applicable sub-policies:

- ***GM-4b: Services outside City boundary.*** *The City shall not extend sewer mains or new water mains or provide new service connections to portions of the Planning Area outside the City Limits except under the following conditions:*

    1. *Emergency sanitary sewer connection. The City may provide an emergency sewer line extension provided the following conditions are met:*
        a. *The property is located within the City Urban Services Boundary for water and sewer.*
        b. *The property is adjacent to the City limits.*
        c. *The on-site sewage disposal system has failed.*
        d. *It is not feasible to replace or repair the on-site sewage disposal system as evidenced by a letter from the County of Humboldt Division of Environmental Health.*
        e. *The on-site sewage disposal system failure is considered a health hazard by the County of Humboldt Division of Environmental Health.*
        f. *The owner has submitted a complete application to the City of Arcata for annexation of the property within 18 months from the date that sanitary sewer service was provided.*
        g. *LAFCo has approved the emergency sanitary sewer connection.*
        h. *The sewer connection shall be sized to only accommodate the failed system.*

The following policies from the City of Arcata General Plan Public Safety Element address population and housing:

Policy PS-8: Human Health Hazards

Objective. *Promote access to services and programs (prevention, treatment, and long term care) that will improve human health conditions for current and future populations. The City recognizes that its resources are limited but will work with other government agencies, non-profit organizations, social service and health care providers to help all residents meet and maintain basic physical and mental health. The City will serve as a model for other governmental entities that are addressing local health needs*

Applicable sub-policies:

- ***PS-8b: Social services programs.*** *The City administers certain social services, such as temporary and permanent housing programs. Other public agencies, including the State of California, and Humboldt County, offer social services, such as public assistance, and food subsidy programs. There are also non-profit, religious, social, and other organizations, as well as businesses that offer social services such as counseling, educational, family assistance, child care, health education, and food subsidy programs. Social service needs shall be monitored, through population trend analysis and other indicators, and information disseminated to other social service providers.*

  Larger employers shall be encouraged to provide childcare services. The City shall coordinate with other public agencies and service providers to avoid duplication of services and shall assist in coordination, planning, and evaluating social services delivery. Additional services, such as Travelers Aid, shall also be encouraged, either through City sponsorship or identification of appropriate service providers. Social service facilities shall be located in areas that are accessible to users.

  The General Plan Housing Element goal is to provide housing opportunities for people of all income levels, through the development of a wide range of housing types. The Element also contains affordability and fair housing policies as well as design standards to serve the needs of all population segments. The Housing Element shall be implemented to promote affordable and accessible housing for segments of the population with limited financial resources and limited mobility.

The City's Current Housing Element was adopted in 2019. The previous version was adopted in 2014. The 2019 Housing Element is not being updated as part of the current General Plan update. The Housing Element has four goals A-B and associated policies:

A. Housing Quality

Objective. *It is the goal of the City of Arcata to promote the development of new sustainable and energy efficient housing that meets safety standards, offers a variety of housing types in a variety of locations, and enhances existing neighborhoods, services, and the environment.*

- ***Policy HE-1*** *Support innovation and creativity in sustainable construction techniques, energy efficient design, property conveyances, and types of development. Condominium, Community Land Trusts, cooperative and co-housing, developments, and planned developments shall be encouraged.*
- ***Policy HE-2*** *Encourage the maintenance of existing housing to prevent deterioration and promote dwelling lifespan.*
- ***Policy HE-3*** *Continue to provide understandable information to the public about the City's policies, standards, and procedures for housing.*
- ***Policy HE-4*** *Continue to encourage and support public involvement in decisions concerning housing.*

B. Housing Quantity

Objective. *It is the goal of the City of Arcata to provide housing opportunities for people of all income levels through the development of a wide range of housing types and the preservation of existing housing.*

- ***Policy HE-5*** *Identify adequate sites that are or will be made available with appropriate zoning and development standards and that will have the public services and facilities needed to facilitate and encourage the development of a variety of types of housing for the needs of all income levels.*
- ***Policy HE-6*** *Provide opportunities for infill development of vacant and redevelopable properties in a way that allows for gradual, rather than drastic, changes from surrounding development density or type. Design features such as gradual increases in building height, functional open space, well-designed landscaping and natural vegetation, breaks in wall and roof lines, and building separations.*
- ***Policy HE-7*** *Encourage a wide range of public and private investment to help meet the City's Housing Goals.*
- ***Policy HE-8*** *Eliminate unnecessary discretionary review procedures and delays in the housing development process due to complex processing procedures for housing projects, which may be under tight timelines imposed by state and federal funding programs.*
- ***Policy HE-9*** *Where appropriate, remove governmental constraints to the maintenance, improvement, and development of housing.*
- ***Policy HE-10*** *Focus housing development in the downtown area to promote higher densities and levels of affordability and to create a more vibrant city center.*
- ***Policy HE-11*** *Encourage higher densities near the Intermodal Transit Facility and near bus stops.*
- ***Policy HE-12*** *Encourage Humboldt State University to maintain, rehabilitate or replace existing campus housing, develop additional on-campus housing, and to work with the City and private developers to ensure that there are adequate and appropriate housing opportunities for Humboldt State University students and staff.*
- ***Policy HE-13*** *Support affordable housing and greenhouse gas emissions reduction by prioritizing high-density, mixed-income, infill housing projects that improve alternative transportation infrastructure. Affordable housing and infill projects that include public and/or private infrastructure for public transit, bike and other ride share programs, electric vehicles, and other transportation demand management strategies or alternative transportation modes will receive incentives including deferred fees and reduced development standards, including but not limited to reduced parking, setbacks, or landscaping requirements.*

C. Affordable Housing

Objective. *It is the goal of the City of Arcata to promote affordability of housing of all types to meet the present and projected needs of households of all income levels.*

- ***Policy HE-14*** *Support private and nonprofit developers through grants, loans, and other forms of assistance to voluntarily develop housing affordable to extremely low-, very-low-, and low-income households.*
- ***Policy HE-15*** *Preserve assisted housing identified in this document as reserved for lower-income households.*
- ***Policy HE-16*** *Seek and support programs that address the housing needs of and prioritize housing for special groups such as seniors, disabled persons, farmworkers, those in need of temporary shelter, those in need of supportive housing, single-parent families, and large families.*
- ***Policy HE-17*** *Assist in the development of housing affordable to very low-, low-, and moderate-income households through financial and/or technical assistance.*
- ***Policy HE-18*** *Provide incentives to developers to include low- and moderate-income housing units in their proposals; and support housing for persons with lower incomes in residential developments in all areas of the City through a variety of methods to ensure neighborhood diversity.*

- ***Policy HE-19*** *Continue to provide a housing rehabilitation program for lower income renters and owners. Housing rehabilitation is a cost-effective way of keeping the community's stock of affordable housing in a safe and decent condition.*
- ***Policy HE-20*** *Prioritize meeting the needs of low-income households, since they represent the most significant area of unmet need.*
- ***Policy HE-21*** *Encourage the development of accessory dwelling units (ADUs).*
- ***Policy HE-22*** *Encourage the use of density bonuses to incorporate affordable housing units into projects.*

D. Equal Housing Opportunity

Objective. *It is the goal of the City of Arcata to ensure that discrimination is not a factor in the ability of households to obtain housing.*

- ***Policy HE-23*** *Promote housing opportunities for all persons regardless of race, color, national origin, religion, sex, familial status, disability, sexual orientation, gender identity/expression, genetic information, marital status, and source of income.*
- ***Policy HE-24*** *Support state and federal mandates for fair housing practices in both public and private housing developments.*
- ***Policy HE-25*** *Meet the housing and supportive housing and accessibility needs of the homeless and other special needs groups, including prevention of homelessness.*

Proposed City of Arcata General Plan 2045

No modifications are proposed in the 2019 Housing Element.

The following policies from the proposed City of Arcata General Plan 2045 Land Use Element address population and housing:

Policy LU-1: Overall Land Use Pattern: Land Use Plan Map

Objective. *Establish a pattern of development that concentrates activity and amenities in a pattern of centers, clusters and mixes of uses to support the City's focus on infill development and active transportation. Provide an overall land use arrangement that concentrates city-wide uses and functions in these areas with an emphasis on areas within walking distance of the central Plaza Area, Cal Poly Humboldt, and existing neighborhood and employment centers which provide a mix of commercial services, residential uses, and community facilities.*

Applicable sub-policies:

- ***LU-1b: Promotion of infill development and designated Infill Opportunity Zones****. The City encourages appropriate redevelopment of certain parcels of land that are either underutilized, brownfields, or vacant, but surrounded by existing urban development. These sites represent development opportunities using existing infrastructure and shall have priority for development over vacant sites that are located outside the urban services boundary (designated in the Growth Management Element) that require investment in extension of infrastructure and services. The City's Infill Opportunity are intended to encourage and streamline infill development in these areas, based on available land and proximity to transit, services, jobs, and activity centers. Infill development may include new residential units in new or existing structures, development of second units on residential lots, and new or expansion of existing residential and commercial structures consistent with the provisions of the applicable land use plan designations. Infill Opportunity Zones are shown on the land use plan diagram (Figure LU-a).*
- ***LU-1e: Streamlined Review and Standards in Infill Opportunity Zones****. Infill Opportunity Zones are intended to identify areas where the City plans to accommodate high density residential uses through a ministerial review process in order to facilitate housing production. In addition to creating a ministerial*

pathway for residential projects, applicable standards (parking ratios, height limitations, site coverage, etc.) shall be consistent with development at greater densities with a larger reliance on multi-modal transit.

- ***LU-1f: Development of a diversity of housing types.*** *The land use plan map shall provide sufficient quantities of land in the various residential use categories to allow for development of a variety of types of new housing units and residential environments. The purpose shall be to achieve an appropriate balance between single-family housing on individual lots and multi-unit housing types.*
- ***LU-1g: Inclusion of residential uses.*** *Commercial developments should include residential units where feasible. Where residential units are incorporated, some ground floor commercial should generally be maintained. Any residential development in new structures shall comply with the development standards of the applicable land use category.*
- ***LU-1h: Variety of Industrial Uses.*** *Provide sufficient land for a broad range of industrial uses to retain and expand existing uses and attract new industries. Continue to support industrial uses that are intended to retain and generate living-wage jobs.*
- ***LU-1i: Activity areas diagram.*** *The activity areas diagram (Figure LU-a) for lands within the City and Sphere of Influence and the planning area land use map (Figure LU-c) show existing activity areas for the City and surrounding areas. Continue to invest in improving housing, job, and active transportation access to these centers. Target investment in economic development, infrastructure, and placemaking resources in ways that strengthen these centers, support their growth and development in more equitable ways, improve connectivity within and between them, and ensure that existing residents and businesses benefit from this new investment.*
- ***LU-1j: Maintain Arcata's Historic Plaza Area as a major community center in central Arcata****. The Plaza has historically been, and should continue to be, a commercial, civic, social, and cultural center of the community, and a location for community-wide special events. The area surrounding the Plaza (Commercial–Central area), including the adjacent commercial and mixed-use areas, shall be planned to accommodate retail establishments, entertainment services, restaurants, and business and professional offices. High density residential use in the Commercial–Central area is encouraged as an Infill Opportunity Zone. Housing shall be included, where feasible, in all new commercial development within the Plaza Area.*
- ***LU-1k: Encourage Valley West's growth as a major community center for north Arcata.*** *Ensure City resources are allocated to improving accessibility, safety, and attractiveness of this mixed use area, which functions as both a tourism destination and a vibrant neighborhood commercial center for many neighboring residents. The area surrounding the Valley West Shopping Center, including the adjacent commercial, office, and residential areas, shall be planned to accommodate a large concentration of high-density residential development as well as retail establishments, entertainment services, restaurants, and business and professional offices. Continue to promote Carlson Park as a regional draw to access the Mad River. High density residential use in the Valley West Infill Opportunity Zone will be streamlined and residential units shall be included, where feasible, in all new commercial development within the Valley West Area.*
- ***LU-1p: Gateway Area land uses****. Gateway Area land use designations allow for a broad range of mixed-use redevelopment with an emphasis on housing creation. Gateway Area land use designations and policies are described in the Gateway Area Plan.*
- ***LU-1r: Maximum and Minimum Residential Density Standards.*** *In Commercial Mixed-Use and Central Commercial districts, allow residential uses. In each of these land use designations, do not establish a maximum residential density standard. Instead, allow residential density to be naturally restricted through other development standards, such as building height and Building Code requirements for minimum unit size. In addition, establish a minimum residential density standard in each of these land use designations, with exceptions established for some use types (such as theaters) and some building types (such as historically significant structures and the adaptive reuse of existing buildings).*

- ***LU-1t: Incentivize Projects that Provide Designated Community Amenities.*** *Establish ministerial permitting options and streamlined development processes for projects that create housing and provide designated community amenities.*
- ***LU-1u: By-Right Approval.*** *Allow development projects participating in the community benefits program with by-right approvals when the project conforms to all applicable standards and design guidance. To promote housing production, limit participation in community benefits program to projects that include a minimum standard of residential units.*
- ***LU-1v: Minimum Residential Density.*** *Require that all new development in C-C, C-M, R-M, and R-H land use designations provides at least some minimum quantity of housing units by establishing a minimum residential density (number of units per acre). Projects that do not provide the designated minimum residential density will need a use permit demonstrating they support the City's housing objectives.*
- ***LU-1w: Mixed-Tenure.*** *Encourage a mix of both owner-occupied and rental housing in C-C, C-M, R-M, and R-H land use designations.*
- ***LU-1y: Residential Relocation.*** *In addition to relocation support encoded in state law, support the re-housing of existing residents displaced by the redevelopment of properties containing existing residential uses.*
- ***LU-1z: Racial Equity and Housing Partner Collaborations.*** *Continue to collaborate with community housing partners that work to promote racial equity and anti-discrimination in housing for both ownership and rental opportunities within the City.*
- ***LU-1aa: Form-based Design Standards.*** *Where high-density housing uses are appropriate, apply form-based design standards that allow high-density, multi-story buildings while simultaneously requiring a vibrant, community-oriented, street-facing built environment designed to fit a "human-centered" scale.*
- ***LU-1ab: Mixed-Income Neighborhoods.*** *Provide for mixed-income neighborhoods with housing options available for all income groups. Housing in a mixed-income neighborhood should include deed-restricted units affordable to very low-income households, small affordable-by-design units, student housing, moderate income owner-occupied condominiums and townhouses, market-rate rental units, median-priced family-sized dwellings, and penthouse units for high-income households.*
- ***LU-1ac: Incentivize Mixed Use as a Community Amenity.*** *Incentivize mixed-use projects that have a ground-floor non-residential (retail, office, light industrial, or other job-creation component) through the community benefit program where not otherwise required by the form-based code.*
- ***LU-1ad: Partnerships with the Wiyot Tribes.*** *Seek partnerships with the Wiyot Tribes to support housing projects.*
- ***LU-1ae: State mandated housing production.*** *The City recognizes that the state's housing goals have resulted in laws that increase density above City established base density, removed discretion in housing development, required streamlining in approval processes, established by-right development for certain housing types, and has reduced local control over many land use decisions related to housing production. The City shall monitor and comment on state actions to advocate for reasonable solutions to housing production that meet both state objectives and City need for housing.*

Policy LU-2: Residential Land Use

Objective. *Allow for a mix of housing types and densities to ensure residents at all ages, income levels, and abilities have safe, healthy, and affordable homes that meet their physical, social, and economic needs through housing production, preservation, and conversion that is compatible with established and planned neighborhood design elements.*

- ***LU-2a: Residential Land Use Classifications****. The following land use designations are applicable to residential lands. Table LU-2 defines permitted uses, densities, lot sizes, and other development standards for each classification.*
- ***Residential – Low Density [R-L].*** *The low-density residential designation primarily provides for single-family homes, duplexes, and accessory dwelling units on individual lots. This designation is found throughout the community, including the older, historical neighborhoods surrounding the Plaza Area, Sunny Brae, Sunset, and Greenview Terrace. Under current state land use and planning law, single-family zones are authorized to construct multiple dwelling units per lot in single family residential zones and may allow up to four residential units on most R-L lots.*
- ***Residential High Density [R-H].*** *High density residential uses are designated in central Arcata and other areas to allow higher density multi-family housing located in proximity to commercial and employment uses, public services, schools, and parks. Local-serving commercial uses such as corner grocery stores and coffee shops shall be permitted in [R-H] zones.*
- ***LU-2b: Diversity and choice in residential environments.*** *The City shall encourage residential developments that collectively provide a variety of choices for housing the community, including currently unhoused people. Units shall be diverse in terms of types of units, location, unit sizes, costs, design, amount of privacy, and neighborhood environment. Inclusionary measures shall be provided for affordable housing. To encourage this, the City will implement inclusionary zoning in higher density developments and provide incentives to developers to include low and moderate income housing units in their proposals.*
- ***LU-2c: Planned Development - Residential.*** *The purpose of a Planned Development shall be to: incorporate a mix of residential types, unit sizes, affordability levels, and styles in a coordinated manner to encourage housing for all, including currently unhoused people; allow clustering of units; provide larger, more usable areas of common open space; and protect natural resources or site features, such as creek side riparian areas, wetlands, and significant vegetation such as trees to incorporate health-promoting design. Planned Development may also incorporate non-residential uses appropriate visual and noise buffers shall be provided between the uses.*

Policy LU-3: Commercial Land Use

Objective. *Grow a pattern of activity centers that meet the daily needs of the community and visitors and with a variety of retail goods, food, and services that are convenient, safe, accessible, and affordable to all.*

- ***LU-3a: Commercial use classifications****. The following land-use plan categories are applicable to commercial lands. Table LU-4 defines permitted uses, densities, lot sizes, and coverages for each classification. Large scale retail uses shall require a use permit due to evaluate:*
  1. *Potential impact on existing and projected traffic conditions.*
  2. *Impact on municipal utilities and services.*
  3. *Impact on the physical and ecological characteristics of the site and surrounding area.*
  4. *Impact on the community.*
- ***Commercial – General [C-G].*** *This designation provides the full range of retail, entertainment, and service commercial uses primarily in Valley West. C-G development must provide convenient access for patrons arriving by bicycle, public transit, motor vehicle, or on foot. Businesses in the C-G area will be expected to provide sufficient on-site parking. C-G areas are intended to have convenient access from residential areas in order to provide for day-to-day shopping and service needs. Residential densities allow up to 50 units per acre, but commercial uses shall constitute a predominant use of the first floor.*
- ***Commercial – Mixed Use [C-M].*** *This land use designation allows high-density infill development with a high degree of flexibility around uses. This land use designation is applied to parcels suitable for infill development, redevelopment, and densification. Residential densities allow up to 50 units per acre.*

- ***LU-3c: Northtown Commercial Mixed-Use Area.*** *The continuation of mixed commercial and residential uses in the Northtown area should be encouraged; including allowing redevelopment to maximize housing opportunities at up to 50 units per acre.*
- ***LU-3f: Relationship of Building Height to Open Space.*** *Allow for buildings over four stories using Community Benefits Program but require greater percentages of Open Space to be retained at ratios set in the Form-Based Code to ensure residents of high-density housing retain an excellent quality of life and easy access to high-quality open space.*
- ***LU-3g: No Maximum Residential Density.*** *Regulate building bulk and massing through design and community benefit measures; do not directly limit units per acre. Instead, encourage the maximum of dwelling units feasible within the allowed building envelope and allow other standards (e.g., height, setbacks, minimum units sizes) to collectively establish natural limitations on the number of dwelling units that can be developed.*
- ***LU-3h: New Non-residential Uses.*** *Permit Commercial Mixed and Central Commercial land use designations in the City to allow mixed uses to complement residential uses. Ensure that all new non-residential, mixed-use development supports an active and livable neighborhood, with residential, retail, office, and light-manufacturing uses thoughtfully blended together to create a cohesive neighborhood that feels complete. Allow flexibility in non-residential uses, with targeted limitations on uses that do not encourage street level human activity, livability, or neighborhood identity. Examples of uses that do not encourage human activity include heavy industrial uses, mini-storage, and outdoor automotive sales.*

Policy LU-4: Industrial Land Use

Objective. *Provide for a variety of industrial uses that will retain and generate living-wage jobs, including labor-intensive manufacturing, processing, assembly, warehousing, services, and complementary non-industrial uses, in appropriate locations. Build on the City's 150-year history of supporting industrial jobs, businesses, and product generation by supporting new and existing users in identified industrial nodes.*

- ***LU-4a: Industrial uses****. The following land use designations are applicable to industrial lands. Table LU-6 defines permitted uses, densities, lot sizes, and coverages for each classification.*
- ***Industrial – Limited [I-L****]. This land use designation is intended to provide attractive industrial areas suitable for light manufacturing and limited commercial uses. High impact industrial uses more prone to produce noise, odors, heavy truck traffic, or dust such as lumber mills and recycling centers are not permitted in limited industrial areas. The I-L land use designation includes auto sales; service and repairs; sales of mobile homes, trucks and tractors; warehousing and wholesaling establishments; outdoor sales and storage lots; light industrial activities (when conducted within a building); and similar uses. Some retail sales uses and services, particularly those involving sales of products made on the premises, will be allowed as an accessory use. Residential uses may also be permitted where they are compatible with the nature of the production process, or the related sales of products made on the premises (such as artists' live/work space).*

  The major I-L areas are the West End Employment Center near the State Route 299/Giuntoli Lane interchange including the Aldergrove Industrial Park and Happy Valley; and areas south of Samoa Blvd. including Little Lake and along south G Street). These industrial areas will be the primary focus of industrial and mixed-industrial development and investment during the timeframe of this General Plan.

The following policies from the proposed City of Arcata General Plan 2045 Public Safety Element address population and housing:

Policy PS-8: Climate Adaptation and Resiliency

Objective. *The City will continue to support and monitor research about the nature of all hazards in Arcata, including research on prediction and warning systems, community vulnerability and consequences assessments, and improvements to building performance and resilience. The City will continue to pursue*

efforts that minimize Arcata's contribution to climate change by reducing greenhouse gas emissions and protecting people, the built environment, and the natural environment from the impacts of climate change.

- ***PS-8a: Land Use and Urban Development.*** *Compact urban development has co-beneficial climatic effects, including reducing greenhouse gases, preserving habitats, producing healthy vibrant communities, and facilitating opportunities for environmental justice. The City shall support land use activities that promote compact, climate-friendly design, such as infill development, densification, and regenerative building design. City projects and private developments shall be designed to consider multi-benefit solutions that mitigate hazard risk and support the City's climate goals.*

  Urban design and development will be informed by the latest climate science to determine how to best protect and modify existing public and private infrastructure and assets and how to design new infrastructure and assets. Urban design and development should also take environmental justice considerations into account, working to eliminate disparities and burdens related to all hazards and the climate crisis for all people in Arcata.

Policy D-8: Community Benefits Program

Objective. *Ensure new development benefits the community generally while streamlining approval and accountability in the development planning process.*

- ***D-8a: Choice of Benefits.*** *Allow applicant to select community benefits from a menu of available options. The Form-Based Code will reflect the community's priorities among and relative value of community benefits. All buildings that exceed four stories must include architectural features amenities.*
- ***D-8b: Housing Production Emphasis.*** *Ensure that the available community benefits emphasize and support the City's goal of maximizing housing production.*
- ***D-8c: Value of Benefits****. Ensure that the additional intensity allowed is appropriately calibrated to the value of the community benefits provided. High-cost benefits should allow for a greater increase in allowed intensity than low-cost benefits.*
- ***D-8d: Owner-Occupied Affordable Housing as a Community Amenity****. Encourage new home ownership opportunities affordable to households of all income levels. Include deed-restricted affordable opportunities for low- and moderate-income households. Encourage a range of ownership opportunities including condominiums, townhouses, and other alternative ownership models. Provide strong incentives through community benefits program for owner occupancy.*
- ***D-8e: Incentivize Residential Density as a Community Amenity****. Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide residential densities above established minimums.*
- ***D-8f: Incentivize Affordable Housing as a Community Amenity****. Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide deed-restricted affordable units above established inclusionary zoning minimums.*
- ***D-8g: Incentivize Adaptable Design****. Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide fully accessible or "adaptably designed" units to facilitate the conversion to housing accessible for people with disabilities or general frailty.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan

Policy Chapter 1: Land Use

Objective: *Establish an overall land use arrangement that promotes mixed-use, multi-story buildings with a clear emphasis on high-density housing that is equitable, environmentally sustainable, and compatible with the envisioned neighborhood character. Allow for a broad diversity of non-residential uses that support a*

pedestrian/bicycle-friendly environment, contribute to a car-free lifestyle, and meet the physical, social, and economic needs of residents.

- ***GA-1a. Land Use Targets.*** *Aim to achieve a mix of residential and non-residential uses in each land use subarea that supports the full range of services to Gateway Area residents, workforce, and visitors. Estimated long-term targets to balance uses are shown in Table 5.*
- ***GA-1b. Relocate Existing Uses that are Incompatible with Plan Vision.*** *Facilitate the relocation of nonconforming uses that are incompatible with the Plan Vision and explore opportunities to reduce conflicts between new and existing users (e.g., noise attenuation). Target uses that conflict with or otherwise detract from the intended character of the Plan Area by being incompatible with human activity, livability, or neighborhood identity/cohesion. Support relocation of existing uses with affordable housing, large workforce, or high sales-tax.*
- ***GA-1c. Nonconforming Uses, Site Conditions and Structures.*** *Allow existing nonconforming uses, site conditions, and structures to remain unless specifically targeted for relocation in the Zoning Code. When new development occurs, encourage incompatible non-conforming uses to become conforming, and in some cases, require non-conforming uses to relocate as specified in the Zoning Code. Consider offering incentives for some nonconforming uses to either relocate or modify operations or form to become more compatible with the surrounding neighborhood.*

Policy Chapter 2: Community Benefits and Development Standards

Objective: *Identify a range of supplemental community amenities that a development project could include but that is not inherently required (such as electric vehicle charging stations, affordable-by-design studio apartments, and murals). Ensure that these amenities improve the quality of life for community members. Allow applicants to incorporate such community benefits into proposed development projects in exchange for a streamlined, by-right approval process and increased development potential consistent with Table 6, Table 7, and Image 2.*

- ***GA-2a. Base Standards and Bonus Tier Standards.*** *Utilize the tiered incentives system presented in Table 6, Table 7, and Image 2, where projects that provide higher levels of community benefits are permitted greater intensity.*

Policy Chapter 3: Housing

Objective: *The City's housing development is regulated by the State of California through the City's adopted housing element, which is updated every eight years. The last three cycles have consistently included policies to encourage efficient growth patterns, including policies supporting mixed use and infill development projects near jobs and transit. This plan delivers on previous implementation measures by creating a new and targeted focus on high density residential projects within the Gateway Area. To implement the Housing Element, substantially increase the volume and variety of housing in the Plan Area by transitioning from the current patchwork light-industrial development pattern to a denser, more cohesive mixed-use and high-density residential pattern. Plan accordingly in recognition that the Gateway Plan Area has by far the best potential to create a volume of new housing when compared to all the other priority infill areas identified in the Housing Element. The City also acknowledges that the Plan Area has the greatest potential to accommodate a much-needed increase in the diversity of housing types.*

The Gateway Area Plan relies on the housing policies in the Housing Element, Land Use Element, and Design Element to support the variety and mix of housing types envisioned in the Gateway Area. While the Gateway Area Plan conforms to the housing policies elsewhere in the General Plan, the following are emphasized in the Gateway Area.

Element	*Policy*	*Policy Area*
Design	*D-8d*	*Owner-Occupied Affordable Housing as a Community Amenity.*
Design	*D-8e*	*Incentivize Residential Density as a Community Amenity.*
Design	*D-8f*	*Incentivize Affordable Housing as a Community Amenity.*
Design	*D-8g*	*Incentivize Adaptable Design.*
Land Use	*LU-1a*	*Partnerships with the Wiyot Tribes.*
Land Use	*LU-1v*	*Minimum Residential Density.*
Land Use	*LU-1w*	*Mixed-Tenure.*
Land Use	*LU-1ab*	*Mixed-Income Neighborhoods.*
Land Use	*LU-3g*	*No Maximum Residential Density.*
Land Use	*LU-1y*	*Residential Relocation.*
Land Use	*LU-1z*	*Racial Equity and Housing Partner Collaborations.*

Policy Chapter 4: Employment

Overview: *As reflected in Table 5, the City envisions the majority of new development in the Gateway Area to be residential. However, to provide for complete neighborhoods and support a car-free lifestyle, some additional non-residential development is desired. Non-residential land uses will include retail, personal services (e.g., hair salons and tattoo studios), restaurants, professional offices, hotels, light manufacturing, and arts and entertainment uses. Non-residential uses not only serve residents but also provide new employment opportunities and enhance the City's economic vitality.*

Employment Policies

Objective: *Provide for uses that retain and generate jobs.*

The Gateway Area Plan relies on the Land Use Element Commercial Mixed-Use policies to support a variety of commercial, compatible light manufacturing, and mixed-uses to support the vision of a thriving complete neighborhood. The Gateway Area will further refine the expansive allowable uses supporting employment through the Gateway Zoning Code.

City of Arcata Local Coastal Program

Policy Recommendations in the City of Arcata Local Coastal Plan related to housing include:

- ***E-6 and G-4: Where wetlands are seasonally farmed, continued agricultural use of the wetlands is allowed.*** *Expanding farming operations into non-farmed wetlands by diking or otherwise altering the functional capacity of the wetland is not permitted. Farm-related structures (including barns, sheds, and farm-owner occupied housing) necessary for the continuance of the existing operation of the farmed wetlands may be located on an existing farmed wetland parcel, only if no alternative upland location is viable for such purpose and the structures are sited and designed to minimize the adverse environmental effects on the farmed wetland. Clustering and other construction techniques to minimize both the land area covered by such structures and the amount of fill necessary to protect such structures will be required. The location of the wetlands shall be determined by use of the adopted Coastal Wetlands Map.*
- ***J-7: The City shall encourage the use of Planned Development zoning as a means of providing a variety of housing types, land uses, and sufficient usable open space through innovative design****. The Planned Development District should allow diversification in the relationship of buildings, structures, and open spaces while (e)nsuring substantial compliance to the base district regulations.*

3.9.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the adoption and implementation of the General Plan 2045 would be considered to have a significant impact on population or housing if it would:

– Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure); or
– Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere.

The following sections describe the anticipated environmental impacts on population and housing resources due to the adoption and implementation of the proposed General Plan 2045.

3.9.5 Methodology

Population and housing trends in the City were evaluated by reviewing the most current data available from the current General Plan 2020, the 2019-2027 Regional Housing Needs Assessment, the City's Infill Market Study (ADE 2021), and the U.S. Census Bureau. This evaluation considers whether the adoption and implementation of the General Plan 2045 would affect the current population and housing stock. Per CEQA Section 15131, a social or economic change is not considered a significant effect on the environment unless the changes are directly linked to a physical change. For purposes of this analysis, substantial displacement of existing people or housing would occur if allowed land uses would displace substantially more residences than would be accommodated through growth accommodated by the General Plan 2045.

3.9.6 Impacts and Mitigation Measures

Impact PH-a: Would adoption and implementation of the General Plan induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

The General Plan 2045 does not propose policies, implementation measures, or development that would lead to unplanned population growth. The purpose of the General Plan 2045 is to appropriately and efficiently plan for future growth of the City. As described in the Project Description, the General Plan 2045 anticipates a total population of 27,000 people and approximately 12,400 total dwelling units by 2045. Population growth is anticipated to be absorbed throughout the City, within the existing City limit boundaries. Infill development would preserve the greenbelt around the City and provide for reinvestment in existing neighborhoods.

The land uses allowed under the General Plan 2045 would provide opportunities for cohesive new population, housing, and business growth in the City and would not induce substantial unplanned population growth. Proposed General Plan 2045 Land Use Element policies emphasize infill, including upzoning throughout the City, increasing allowable density in existing zones, and providing more flexibility in mixed use zones to increase housing production. Areas throughout the City, though mainly in the Infill Opportunity Zones, would be rezoned (Figure 2-3B – Proposed Zoning and Infill Opportunity Zones) to accommodate new residential development. Upzoning would occur to allow higher densities in current residentially designated districts. Table 2.6-3 in the Project Description outlines proposed changes in land use density. The Land Use Element encourages infill development of vacant, brownfield, and underutilized land to meeting housing and employment needs without major extensions of infrastructure and services.

Infill to support population growth would predominantly occur within the Infill Opportunity Zones. These Infill Opportunity Zones include four neighborhoods whose current mix of uses present opportunities for infill development (Figure 2-3A – Existing Zoning and Infill Opportunity Zones). The Infill Opportunity Zones are in close proximity to transit, commercial areas, support economic development efforts and the proposed mix of land uses may allow residents to live closer to their places of work and thereby encourage alternative modes of transportation.

The General Plan 2045 Growth Management Element updates center around promoting equity, strengthening the economy, protecting the environment, and promoting public health and safety. Growth Management Element policies establish criteria for land annexation (GM-3) and extending services outside Sphere of Influence and City

boundaries (GM-2c and GM-4b). These policies would reduce the potential for direct and indirect unplanned population growth surrounding the City.

General Plan 2045 policies strive to promote both residential growth and economic opportunities. Land Use Element policies support mixed-use neighborhood centers (LU-1d, LU-1j, and LU-1k), provide land for a broad range of industrial uses to retain existing uses and attract new uses (LU-1h), invest in improving housing, job, and active transportation access (LU-1i). Residential-high density and Commercial-General, and Commercial-Mixed use land uses allow for mixed uses with residential and employment opportunities. Major Industrial-Limited areas such as the West End Employment Center and areas south of Samoa Blvd would be the primary focus of industrial and mixed-industrial development and investment during the timeframe of this General Plan.

The General Plan 2045 anticipates the majority of the development in the Gateway Area would be residential. Gateway Area Plan Element Chapter 4 (Employment) provides strategies to promote non-residential uses in the Gateway Area that would retain and generate jobs.

The General Plan 2045 is a comprehensive plan to guide appropriate and efficient future growth of the City. Infill development promoted by the General Plan 2045 would minimize pressure to develop the greenspace and forests surrounding the City, reducing development pressure directly outside the City limits. The General Plan 2045 includes several policies that would ensure responsible, planned development within the City of Arcata. Infill development policies and the Infill Opportunity Zones would encourage development near existing infrastructure, utilities, and services. Adoption and implementation of the General Plan 2045 would not result in the direct or indirect inducement of unplanned population growth; therefore, potential impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PH-b: Would adoption and implementation of the General Plan displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

“Substantial” displacement would occur if General Plan 2045 policies and allowed land uses would promote the displacement of more residences than would be accommodated through growth facilitated by the policies and land uses. The General Plan 2045 would accommodate new development through increased residential densities and building intensities as well as form-based code that would be allowed for the land use designations in the General Plan 2045.

An increase of approximately 4,341 dwelling units is planned during the General Plan period. This is in addition to the approximately 8,000 residential units that currently exist. This Draft EIR assumes that the creation of dwelling units to meet the need of future residents would occur within the City’s existing boundaries, particularly within the Infill Opportunity Zones. Additionally, the Land Use Element encourages high density residential infill development in the Infill Opportunity Zones and infill development of vacant, brownfield, and underutilized land to meet housing and employment needs without major extensions of infrastructure and services. The General Plan 2045 does not redesignate developed residential areas for non-residential purposes, generally proposed zoning changes would increase density.

Gateway Area and Other Infill Opportunity Zones

A significant portion of the housing and population growth is expected to occur in the Infill Opportunity Zones. Though some existing residents could be displaced, there would be a net increase in dwelling units over the planning horizon. The Gateway Area Plan Element contains policies and implementation measures intended to address housing and business displacement, including:

– Land Use Programs: Imp-GA-1.2. Relocation Assistance. Develop a formalized business relocation program that identifies funding, program requirements, and critical infrastructure for industrial users, including incompatible Industrial Limited uses and Industrial General uses.

- Housing Policies: LU-1y. Residential Relocation. In addition to relocation support encoded in state law, support the re- housing of existing residents displaced by the redevelopment of properties containing existing residential uses.
- Housing Programs: Imp-GA-3.1. Housing Monitoring. Monitor the size, type, and affordability of new housing proposed, approved, and developed in the Gateway Area. Revise policies and programs in the Gateway Area Plan and implementing development regulations as needed to achieve the Plan housing goals. Monitoring will be completed in conjunction with the City's annual Housing Element Annual Performance Report.
- Housing Programs: Imp-GA-3.2. Resident Relocation Assistance. Establish a program to require developers to assist with the re-housing of low-income residents displaced from their housing as a result of a redevelopment project. Seek funding through a combination of state and federal sources, and partner with nonprofit entities such as Housing Humboldt. Require private financing to contribute to ensure relocation program is fully and sustainably funded.
- Housing Programs: Imp-GA-3.3. Business Relocation Program. Establish a relocation program to support businesses displaced by redevelopment in the Gateway Area. Program funding should be through a combination of private and public sources. The program should use both City owned and privately owned property to retain businesses within the City limits.

These policies will reduce potential impacts related to housing displacement and housing supply to a less than significant level.

Remaining Study Area

The Housing Elements contain a series of policies and implementation measures to promote the development of new sustainable and energy efficient housing that meets safety standards, offers a variety of housing types in a variety of locations and enhances existing neighborhoods, services, and the environment; these include:

- *HE-1 Support innovation and creativity in sustainable construction techniques, energy efficient design, property conveyances, and types of development. Condominium, Community Land Trusts, cooperative and co-housing, developments, and planned developments shall be encouraged.*
- *HE-5 Identify adequate sites that are or will be made available with appropriate zoning and development standards and that will have the public services and facilities needed to facilitate and encourage the development of a variety of types of housing for the needs of all income levels.*
- *HE-6 Provide opportunities for infill development of vacant and redevelopable properties in a way that allows for gradual, rather than drastic, changes from surrounding development density or type. Design features such as gradual increases in building height, functional open space, well-designed landscaping and natural vegetation, breaks in wall and roof lines, and building separations.*
- *HE-13 Support affordable housing and greenhouse gas emissions reduction by prioritizing high-density, mixed-income, infill housing projects that improve alternative transportation infrastructure. Affordable housing and infill projects that include public and/or private infrastructure for public transit, bike and other ride share programs, electric vehicles, and other transportation demand management strategies or alternative transportation modes will receive incentives including deferred fees and reduced development standards, including but not limited to reduced parking, setbacks, or landscaping requirements.*
- *HE-16 Seek and support programs that address the housing needs of and prioritize housing for special groups such as seniors, disabled persons, farmworkers, those in need of temporary shelter, those in need of supportive housing, single-parent families, and large families.*
- *HE-17 Assist in the development of housing affordable to very low-, low-, and moderate-income households through financial and/or technical assistance.*
- *HE-22 Encourage the use of density bonuses to incorporate affordable housing units into projects.*
- *HE-23 Promote housing opportunities for all persons regardless of race, color, national origin, religion, sex, familial status, disability, sexual orientation, gender identity/expression, genetic information, marital status, and source of income.*

- *HE-25 Meet the housing and supportive housing and accessibility needs of the homeless and other special needs groups, including prevention of homelessness.*
- *HE-21 Encourage the development of accessory dwelling units (ADUs).*
- *Imp-HE-1 Promotion of Owner-Occupied Units*
- *Imp-HE-3 Affordable Housing Preservation*
- *Imp-HE-5 Development and Acquisition of Affordable Multifamily Housing*
- *Imp-HE-8 Community Land Trust*
- *Imp-HE-10 Access for Persons with Disabilities, Including Persons with Developmental Disabilities*
- *Imp-HE-11 Infill Development Program*
- *Imp-HE-12 Mixed Use*
- *Imp-HE-13 Development of Additional Living Units in Residential Zones*
- *Imp-HE-15 Housing Discrimination and Housing Equal Opportunity*
- *Imp-HE-16 Housing Development for Seniors*
- *Imp-HE-18 Promote Student Housing Opportunities*

The Housing Elements also contains an implementation measure intended to address potential displacement and provide relocation assistance. Housing Element Implementation Measure 14 (Residential Relocation and Anti-Displacement Program) would require the City to continue to implement its Residential and Business Anti-Displacement and Relocation Assistance Plan (adopted Resolution No. 045-12), which provides financial assistance to low-income households of rental-occupied units who are permanently displaced when the City acquires a property, and to property owners who undertake repairs that require occupants to be temporarily relocated.

Multiple General Plan 2045 policies and implementation measures address housing needs to special groups including homeless populations within the City of Arcata. Policy HE-16 and HE-25 supports housing needs of special groups such as seniors, disabled persons, farmworkers, and includes those in need of temporary shelter or supportive housing. Housing Element Implementation Measure 17 (address the shelter and other needs of the homeless population) states the City will continue to identify needs of the homeless population, including homeless students and encourage the development of housing for the homeless on the parcels preapproved for Emergency Housing and transitional housing in other areas zoned multifamily. Land Use Element Policy LU-2c (Planned Development - Residential) outlines that the purpose of planned development shall be to incorporate a mix of residential types, unit sizes, affordability levels, and styles in a coordinated manner to encourage housing for all, including currently unhoused people.

The General Plan 2045 also includes policies to support social services programs related to homeless populations. The Health Element includes Policy H-1d (Support unhoused community members) to increase City coordination with/support for organizations that provide resources and health services those living unsheltered in Arcata. Public Safety Element contains Policy PS-8b (Social services programs) for the City to administer certain social services, such as temporary and permanent housing programs. This policy also requires the City to monitor social services needs, through population trend analysis and other indicators, and information disseminated to other social service providers. These policies and implementation measures would reduce potential impacts on homeless or special groups from the anticipated General Plan 2045 development to a less than significant level.

Residential zones would be subject to state law related to residential housing development (for example, accessory dwelling units and small lot subdivision requirements). This would reduce local control over many land use decisions related to housing production. Per Land Use Element Policy LU-1r (State mandated housing production), the City would monitor and comment on state actions to advocate for reasonable solutions to housing production that meet both state objectives and City needs for housing.

The 2019 Regional Housing Need Allocation identified a need for Arcata to construct 610 dwelling units of various income categories (Table 3.9-2) by 2027 (HCAOG 2018). General Plan 2045 identified an additional

4,341 dwelling units could be constructed by 2045. The City can reasonably obtain the regional housing allocation.

The General Plan 2045 would not result in substantial displacement or the net loss or displacement of housing, necessitating the construction of replacement housing elsewhere. The Land Use and Housing Elements contain policies and implementation measures intended to support higher density residential development within the City near existing infrastructure and services and to provide for mixed housing types and affordability levels to meet the needs of the community. Proposed Gateway Area Plan and Housing Element policies would lessen potential impacts to the displacement of people, housing, and businesses. Therefore, adoption and implementation of the General Plan 2045 would be less than significant in relation to population or housing displacement.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.9.7 Cumulative Impacts

The geographic boundary for cumulative projects related to population and housing impacts is the City of Arcata, City of Eureka, and surrounding unincorporated areas of Humboldt County.

Impact PH-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Population and Housing Resources?

The cumulative effects analysis examines the current project effects taken together with effects of past projects and known projects in the foreseeable future. The projects listed in Table 1.10-1, cumulatively with the General Plan 2045, could directly and indirectly result in increased population and housing. The General Plan 2045 includes policies and actions to ensure responsible, planned development and growth of the City. General Plan 2045 would not cause substantial unexpected population growth and would not cause a net loss of housing. Growth would also occur outside of the City of Arcata, in the City of Eureka and in unincorporated Humboldt County. The City of Eureka and the County are required by State law to use the General Plan process and other planning processes to plan for and control future growth. Therefore, the General Plan 2045 would have a less than significant cumulative impact related to population and housing.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.9.8 References

Applied Development Economics Inc (ADE). 2021. Infill Market Study. Prepared for the City of Arcata. https://www.cityofarcata.org/DocumentCenter/View/11558/Infill-Market-Study

City of Arcata. 2019. Housing Element Technical Appendices. https://www.cityofarcata.org/DocumentCenter/View/9436/2019-2027-Housing-Element-Appendices

Humboldt State University (HSU). 2021. Humboldt State University Polytechnic Prospectus.

Humboldt County Association of Governments (HCAOG). 2018. 2019 Humboldt County Regional Housing Needs Assessment Plan.

U.S. Census. 2022. Quick Facts Arcata city, California. V2021 (July 2021).

U.S. Census. 2010. Population and Housing Unit Counts.

U.S. Census. 1992. 1990 Census of Population General Population Characteristics California.

3.10 Public Services and Recreation

This section evaluates the potential impacts related to public services and recreation resources resulting from adoption and implementation of the General Plan 2045. Public services evaluated include fire protection, police protection, schools, parks and recreation, and other public facilities.

Multiple comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045 were related to public services. No comments were received about primary and secondary schools, while one was received about service and land capacity for new students at Cal Poly Humboldt. One question asked about fees related to both fire and police protection services. Comments related to public stormwater facilities are addressed in Section 5.5 (Hydrology and Water Quality), public wastewater, water, and solid waste facilities are discussed in Section 3.12 (Utilities and Service Systems), and wildfire in Section 3.14 (Wildfire).

Arcata Fire Protection District representatives attended the Gateway Area Plan agency scoping meeting and sent a letter. Comments from Arcata Fire Protection District included concern related to their current capacity to provide fire suppression and emergency medical services for the additional residential units and population anticipated in the Gateway Area Plan. Potential concerns included water supply, traffic flows and patterns, access to buildings, and equipment and staff with appropriate skills/training for high-rise fire suppression. Arcata Fire Protection District did not provide recommendations or mitigation to reduce potential direct and indirect impacts on fire protection services. Where the comments do not necessarily pertain to environmental issues, such as funding or adequate fire suppression training, no analysis is provided as it is outside the scope of this document.

Of the comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045, there were few comments specific to recreation. One letter noted support for parks and another noted support for trail planning. The Native American Heritage Commission requested that when planning greenspace, parks, or other open space, to incorporate culturally appropriate protection and management criteria for Tribal cultural resources. Section 3.11 (Tribal Cultural Resources) further addresses this and other Native American Heritage Commission comments.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to public services and recreation, and the Impact Analysis section establishes the thresholds of significance, evaluates potential impacts, and identifies the significance of impacts.

3.10.1 Study Area

For impact assessment related to public services and recreation, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.10.2 Setting

The settings for fire, police, schools, parks, and other facilities are described below.

Fire Protection within the Study Area

Fire protection and prevention duties within the City are the responsibility of the Arcata Fire Protection District, a combination fire protection agency (career and volunteer firefighters). The Arcata Fire Protection District is a Special District that received its charter on June 1, 1944. The Fire District expands past the City limits to include the communities of McKinleyville, Bayside, Manila, Jacoby Creek, and other rural areas; totaling approximately 62 square miles and serving approximately 37,000 people. The Arcata Fire Protection District operates out of three fire stations, two located within the City (the Arcata Station at 631 9th Street and the Mad River Station at 3235 Janes Road) and one in McKinleyville (2149 Central Avenue) to provide rapid response to all incidents within its service area. Each of the three stations are staffed daily with two career firefighters, averaging six on-duty firefighters 365 days per year. Occasionally, low staffing availability results in temporarily station closure (for

around 24-48 hours). Between 2018-2022, the Fire District's personnel fluctuated but averaged approximately three Chiefs and 19 career firefighters (Table 3.10-1). In addition to fire protection services, the Arcata Fire Protection District provides basic emergency medical services, public safety education, and building inspections.

Table 3.10-1: Arcata Fire Protection District Staffing 2018-2022

Staff Type	Range (personnel)	Average Annual (personnel)
Chiefs	2-4	2.8
Career Firefighters	15-22	19.2
Volunteer Firefighter	1-13	6

In 2022, the Arcata Fire Protection District responded to approximately 3,750 calls within the District. Of those calls, 1,747 were within the City limits; an approximate 50% increase since 2004. In the past five years, the Fire District has responded to an average of approximately 1,678 calls annually within the City limits. Almost 50% of the Fire District's calls were related to rescue or emergency medical services, approximately 20% were good intent (no threat/problem found upon arrival), approximately 15% were service calls, between 5-10% were fires, 5-8% were false alarm, and less than 5% were related to hazardous conditions, weather/natural disaster, or other types of calls. Call volumes and response times are listed in Table 3.10-2 below.

Table 3.10-2: Annual Call Volume Since 2008 and Response Times within the City Limits

Years	Number of Calls within Arcata	Response Times (minutes)
2022	1,747	8.02*
2021	1,595	9.23*
2020	1,530	7.85
2019	1,872	6:05
2018	1,650	6:07
Average between 2013-2017	1,377	N/A
Average Between 2008-2012	1,094	N/A

Source: Personal communication, Justin McDonald

Note: *Increase in response time could be attributed to low staffing and station closures.

Insurance Services Office, Inc. develops fire insurance ratings based on a community's structure fire suppression capabilities including fire department, emergency communications, water supply, and community risk reduction efforts. A classification of 10 indicates that the community's fire suppression program does not meet Insurance Services Office, Inc.'s minimum criteria, while classification of 1 indicates an exemplary fire suppression program. The City has an Insurance Services Office, Inc. fire insurance classification of 3/3y (AFPD 2016).

The Arcata Fire Protection District maintains effective automatic and mutual aid agreements for rapid response to fires within the City and in outlying areas. The Fire Protection District has agreements with CAL FIRE and Humboldt Bay Fire as well as the following volunteer departments: Samoa Peninsula Fire Department, Blue Lake Fire Protection District, Fieldbrook Volunteer Fire Department, and Westhaven Volunteer Fire Department.

Fire Protection within the Infill Opportunity Zones

There are no differences in fire protection services within the Infill Opportunity Zones compared to areas outside these Zones.

Police Protection within the Study Area

Currently, law enforcement within City limits is primarily provided by the Arcata Police Department (APD). The Arcata Police Department operates out of its main station office located at the City Hall, 736 F Street and a

storage facility on South G Street. APD's primary responsibilities include enforcement of the laws of the state and the City, investigation of crimes, apprehension of criminals, and community service include the maintenance of a crime prevention program. The territory is divided in two beats, North and South, within the City limits. There are three shifts daily, covering 24 hours a day, 365 days a year. Since the early 2000s, APD staffs each shift with one sergeant and two officers. Additional patrol coverage may be provided during peak call volume times. As staff are available and in addition to typical shifts, APD provides investigations and outreach activities, and manages several community programs, including the Arcata Certified Emergency Response Teams (CERT) and Neighborhood Watch.

In 2019-2020, APD had 29 officers, the highest number in its history. As of May 2023, APD is currently comprised of 19 officers and 13 non-sworn personnel (i.e., administrators, dispatch, parking attendants). APD has a fleet of 36 vehicles and resources, mainly consisting of patrol vehicles but also including a Mobile Command Center, trailers, side-by-side vehicle, and volunteer vehicles. APD responds to over 30,000 calls annually and has an average response time of 4 minutes and 20 seconds to 4 minutes and 50 seconds when responding to emergency calls. The majority of calls are related to patrol checks (either officer or citizen initiated), reports of disturbance (i.e., noise or physical altercations), traffic stops, and welfare checks.

Table 3.10-3: Arcata Police Department Annual Staffing and Call Volume

Year	Number of Calls	Sworn Officers	Non-Sworn Personnel
2022	33031	19	13
2021	33422	25	13
2020	34826	29	13
2019	39945	29	14
2018	35835	n/a	n/a

Source: Personal communication, Leah Brazil, Police Business Manager

APD has a mutual cooperative agreement with Cal Poly University Humboldt Police Department. The University Police Department has jurisdiction on the University campus and operates out of the Student and Business Services Building, Room 101, Harpst Street, Arcata. APD also provides automatic aid to Humboldt County Sheriff's Department, California Highway Patrol, and Eureka Police Department. The Humboldt County Sheriff's Department law enforcement jurisdiction is the unincorporated areas around the City. It provides service from the Sheriff's Department Eureka Main Station, located at the Humboldt County Courthouse. The California Highway Patrol holds primary responsibility for law enforcement on State and Federal highways. The Eureka Police Department has jurisdiction in the City of Eureka. In 2022, APD assisted with approximately 1,200 mutual aid calls with the University Police Department, County Sheriff's Department, Eureka Police Department, and California Highway Patrol. Additionally, APD assisted the Fire District and local ambulance with approximately 1,300 calls.

Police Protection within the Infill Opportunity Zones

There are no differences in police protection services within the Infill Opportunity Zones compared to areas outside these zones.

Schools within the Study Area

The educational opportunities available in Arcata include public and private schools for kindergarten through twelfth grades, vocational training programs, and university education. There are three public school districts that provide kindergarten through eighth grade education. Enrollment for school districts within the City limits is shown in Table 3.10-4. Data is from Humboldt County Office of Education Humboldt County Schools First Week Enrollment data (HCOE 2022), Northern Humboldt Union High School District Opening Day Enrollments (NHUHSD 2022), and Arcata School District (personal communication, Luke Biesecker).

Table 3.10-4: Humboldt County Schools First Week Enrollment Data for District Schools within Arcata City Limits

School	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Arcata School District					
Arcata Elementary School	299	309	273	259	230
Sunny Brae Middle School	230	223	211	209	274
Coastal Grove*	228	240	247	235	199
Fuente Nueva*	123	132	141	144	137
Redwood Coast Montessori*	141	149	169	171	180
Union Street*	101	100	101	99	98
Northern Humboldt Union High School District					
Arcata High School	962	985	963	1034	1072
Pacific Coast High School	41	41	48	39	30
Laurel Tree*	133	133	163	178	175
Six Rivers*	99	109	110	113	111
Pacific Union School District					
Pacific Union School	558	565	560	527	536
Trilium*	43	45	32	40	32
Jacoby Creek School District					
Jacoby Creek School	470	468	468	449	459
Humboldt County Office of Education					
Northcoast Preparatory Academy*	193	180	180	170	156
Total	**3621**	**3679**	**3666**	**3667**	**3689**

Sources: HCOE 2022, NHUHSD 2022, Arcata School District personal communication Luke Biesecker

Note: *charter schools

The Arcata School District operates two schools, Arcata Elementary School and Sunny Brae Middle School. The Arcata School District boundaries encompass the City limits of Arcata, including Humboldt State University, parts of the region near Blue Lake and Fieldbrook, and the town of Manila on the Samoa Peninsula. Between 2018 to 2022, the district had an average enrollment of 503.4 students and from 2020-2023 had an average of 38.3 teachers, 60 classified staff, and 11 admin / management staff (personal communication, Luke Biesecker). In addition to those two schools, the district sponsors four charter schools: Fuente Nueva Charter School, Coastal Grove Charter School, Union Street Charter School, and Redwood Coast Montessori. Redwood Coast Montessori is located in the Gateway Area on K Street. The four schools had a combined average 5-year enrollment of 627 students (HCOE 2022).

The Jacoby Creek School District includes Jacoby Creek School serving kindergarten through grade eight in Bayside and Arcata. Between 2020-2023 the district had a total annual enrollment of approximately 455 students, one superintendent, and 26 teachers (personal communication, Melanie Nannizzi). Prior to 2020, the district had an annual enrollment of approximately 465 students. Approximately half of the students enrolled live outside the district boundaries (personal communication, Melanie Nannizzi).

The Pacific Union School District includes one kindergarten through grade eight school, the Pacific Union School. The district boundaries encompass the northern City limits of Arcata and west to the coast. Pacific Union School's target enrollment is approximately 530 students. Between 2020-2023, Pacific Union School had an average of 539 students (38% of which lived out of the district), 36 teaching staff, and 2 administrative staff (personal communication, Marci Laffranchi).

Northern Humboldt Union High School District provides high school education to Arcata and McKinleyville to the north. The schools located within the study area include:

– Arcata High School
– Pacific Coast High School
– Six Rivers Charter High School
– Laurel Tree Charter School

For the 2022-2023 school year, Arcata High School had 1,072 students enroll and Pacific Coast High School had 30 students enroll (NHUHSD 2022). Approximately 40% of students live outside of the City (personal communication, Roger Macdonald). Between 2018-2022, Arcata High School had an average of 63.2 teachers and 9.6 other staff while Pacific Coast High School had an average of 4.8 teachers and 1 other staff (personal communication, Tammy Pires).

In addition to public schools, there are several private pre-schools and kindergarten schools, and private elementary and middle schools in Arcata including but not limited to Mad River Montessori, Arcata Christian School, and Humboldt Bay Christian School.

Cal Poly Humboldt offers undergraduate and graduate degrees and occupies approximately 146 acres east of State Route 101. Cal Poly Humboldt has made recent land acquisitions throughout the City. In 2021, enrollment was 5,562 students (HSU 2021). The Cal Poly Humboldt Prospectus anticipates a total resident population of around 10,300 students by 2030 (HSU 2021).

Schools within the Infill Opportunity Zones

Some schools are located within the Infill Opportunity Zones; however, they serve regional populations, not just students that live within the Zones.

Parks within the Study Area

The City currently owns and maintains approximately 4,103 acres of parkland at 29 sites. The City divides the responsibility for parks and recreation services between the Parks and Recreation Divisions of the Environmental Services Department. The City's system for classifying parks is based on National Recreation and Park Association standards but defines park types and appropriate levels of service to reflect the unique characteristics of Arcata and to facilitate future parks planning for the City. Arcata's classification system includes:

– Neighborhood Parks, which provide access to basic recreation opportunities for nearby residents;
– Community Parks, which are larger parks that provide both active and passive recreation opportunities and that appeal to the entire community;
– Special Use Areas, which are stand-alone recreation facilities not located within larger parks;
– Greenways and Linear Parks that are natural or built corridors that provide green buffers between communities or around the City; and
– Natural Areas that are undeveloped lands left in a natural state for conservation or outdoor recreation.

Approximately 97% of the City's parks and recreation acreage is provided as natural areas or undeveloped park reserves and a relatively small proportion of the park system is devoted to developed parks (Table 3.10-5). Most developed parkland (approximately 66%) is provided at three large community parks: Arcata Community Park, Carlson Park, and Redwood Park. Remaining developed parkland acreage (approximately 39 acres) is distributed among 22 small parks, consisting of neighborhood parks (16.4%), special use areas (14.5%), and linear parks/greenways (2.6%). Based on the City's current population of approximately 19,000 people, there is approximately 6 acres of developed parks and 210 acres of undeveloped parks per 1,000 residents in the City.

Table 3.10-5: Comparison of Parkland Area in Arcata in the Year 2010 Based on the Parks & Recreation Master Plan and in 2023

Developed Parks	Number of Parks 2010	Acres 2010	Number of Parks 2023	Acres 2023	Change in Acres
Neighborhood Parks	12	9.5	14	19.1	9.6
Community Parks	2	56.6	3	77.7	21.1
Special Use Areas	6	16.9	6	16.9	0.0
Linear Parks/Greenways	3	5.9	2	3.0	-2.9*
Subtotal	**23**	**88.8**	**25**	**116.7**	**27.8**
Undeveloped Parks	**Number of Parks 2010**	**Acres 2010**	**Number of Parks 2023**	**Acres 2023**	**Change in Acres**
Natural Areas	15	3,625.4	2	3.9	-3,621.5*
Undeveloped Sites	5	29.9	2	5.5	-24.4*
Subtotal	**20**	**3,655.3**	**4**	**3,986.9**	**331.6**
Total Park System	**43**	**3,744.1**	**29**	**4,103.6**	**359.4**

*Note: Negative changes in acres are due to recategorization of parkland types since the adoption of the Parks & Recreation Master Plan in 2010, not a loss of parkland. Overall, a net gain in parkland occurred between 2010 and 2023.

Parks within the Infill Opportunity Zones

Typically, access to recreational resources within the Infill Opportunity Zones is similar to access within the rest of the study area.

Gateway Area

No public parks, recreational facilities, or publicly accessible open spaces other than the Rail-to-Trail project along L Street, currently exist within the Gateway Area. Several parks and recreational facilities are within walking distance in the surrounding neighborhoods. Approximately 10 parks are located within 0.25 miles from the Gateway Area. Arcata Plaza is three blocks from the eastern boundary. Shay Park and Stewart Park are located to the north, and the Janes Creek Linear Park is west. South of Samoa Boulevard is the Arcata Marsh and Wildlife Sanctuary.

Downtown

One City park, called the Plaza, is located in the Downtown Infill Opportunity Zone. Approximately four additional parks are within 0.25 miles, including the 30-acre Arcata Community Park & Sports Complex.

Craftsman Mall

Although no parks are within the Craftsman Mall Infill Opportunity Zone, Larson Park and Arcata Skateboard Park are directly south of the Zone. Approximately four additional neighborhood parks are within 0.25 miles.

Valley West

No parks currently exist within the Valley West Infill Opportunity Zone. Two parks, Carlson Park and Valley West Park, are located within 0.25 miles.

Trails

The City has a comprehensive system of trails within and connecting parks that provide a valuable recreation resource to the community in addition to regional linkages. The City has a mix of hard and soft surface multi-purpose trails that support activities, such as running, hiking, mountain biking and riding horses. Table 3.10-6 notes the types of trails and mileage proposed in City visioning as part of the preparation of the Parks and Recreation Master Plan.

Table 3.10-6: Recreational Trails in Arcata

Trail Type	2010 Mileage*	Existing Mileage	Proposed Mileage	Total Mileage
Pedestrian	5.9	4.18	0	4.18
Pedestrian/Bicycle	5.3	14.40	13.75	28.15
Pedestrian/Equestrian/Bicycle	7.7	21.73	1.92	23.66
Bicycle Only	n/a	1.14	0.88	2.01
Total	**18.9**	**41.5**	**16.5**	**58.0**

*Source: Parks and Recreation Master Plan (City of Arcata 2010)

Other Park Resources

In addition to City parks and recreation areas, several other public agencies and private groups provide parks and recreation opportunities within the study area. The acreage related to other park resources is not counted with City parks; however, the City takes them into account when assessing community park and recreation needs. These other park resources include:

– Schools: there are a number of local schools in Arcata whose sport fields, sport courts, playgrounds, and gymnasiums are regularly used by the community, including: Arcata Elementary; Jacoby Creek, Pacific Union, and Sunny Brae. In addition, Cal Poly Humboldt is a major provider of a variety of recreational facilities and programs, primarily serving faculty, staff, and students. The campus Student Recreation Center has a climbing wall, fitness center, weight room, and indoor field space (artificial turf).
– Northern Humboldt Recreation and Park District: This District manages the Arcata Community Pool. It is located adjacent to Arcata High School and serves surrounding communities as well, including Manila, Jacoby Creek, and the Warren Creek area.
– County, State, and Federal Agencies: Humboldt County Parks, the Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, and several other agencies maintain significant natural areas and trails in or near Arcata.
– Private, Non-Profit, and Land Trusts: Private and non-profit organizations in and around Arcata also provide land and facilities offering recreation opportunities, including a private golf course, a health club, pool and sport fields, as well as preserved natural areas.

Other Public Facilities within the Study Area

Other public facilities offer locations for community interaction and events, ranging from community-wide celebrations to group meetings, instructional classes, and weddings. The City has enclosed facilities and outdoor spaces to provide gathering places for all manner of social, cultural, political, recreational, religious, educational, and entertainment events. Their physical form and design are important components of Arcata's community character. The following is a list of other public facilities considered in this Draft EIR analysis.

– There are two public library facilities in Arcata:
  - Arcata City Library at 500 7th Street
  - Cal Poly Humboldt Library on the University Campus at the Library Circle
– City Hall is situated at 736 F Street, and houses the main City offices: City Manager, Environmental Services, Finance, Personnel, Planning and Community Development, Police Department, Building and Engineering, and other departments, as well as the Council Chambers.
– The D Street Community Center is situated on D Street, between 13th and 14th Streets, on a one-acre site. Its meeting hall has a 300-occupant capacity and can seat 130; it includes kitchen facilities, restrooms, tables, chairs, parking, and bike racks. The Center is available to rent for events most weekends during the year.

- The Arcata Community Center is located in the Arcata Community Park & Sports Complex, south of 7th Street and east of State Route 101. It has a senior center, meeting rooms, kitchen, gymnasium and adjacent ballfields, soccer fields, and a futsal court.
- The Redwood Park Lodge & Lounge are located in Redwood Park, and accessible from the 11th Street entrance. The building capacity is 99, and it seats 50. There is a small kitchen and exterior restrooms at the lodge. Both the Lodge and Lounge have meeting rooms and restrooms.
- The Arcata Ballpark, located at 8th and F Streets, is home to the Humboldt Crabs, Arcata's semi-pro baseball team since 1944. Their summer season runs from June through July. The five-acre site includes one baseball field, restrooms, a concession stand, and bleachers.
- Arcata-Mad River Transit Center is located at 925 E Street. The Transit Center serves as a stop for the Arcata & Mad River Transit System, Redwood Transit System, and Greyhound.
- Arcata Marsh Interpretive Center is located at 569 S G Street within the Arcata Marsh and Wildlife Sanctuary. The Center provides interactive exhibits and information about the marsh, wastewater treatment facility, and local habitat and wildlife. Tours and educational presentations also occur at the Center.

Other Public Facilities within the Infill Opportunity Zones

No other public serving, city-maintained facilities are located in the Infill Opportunity Zones.

3.10.3 Regulatory Framework

Federal

National Fire Protection Association Codes and Standards

In 2001, the National Fire Protection Association (NFPA) released NFPA 1710 (Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments). The standard specifies guidelines for effectiveness and efficiency of public career fire agencies including the crew size, initial alarm deployment, key performance objectives for fire and basic life support/emergency medical service response. NFPA 1710 standards provide guidance on best practices; however, are not regulatory requirements. According to the 2020 Edition, key performance objectives include:

- Key Performance Objectives for Fire Response
  - Turnout time ≤ 80 seconds
  - First engine arrives on scene ≤ 240 seconds (four minutes)
  - Second company arrive on scene ≤ 360 seconds (six minutes)
  - Low and medium hazard: Initial full alarm on scene ≤ 480 sec (eight minutes)
  - High hazard/high-rise: Initial full alarm ≤ 610 sec (10 minutes, 10 seconds)
- Key Performance Objectives for EMS Response
  - Turnout time ≤ 60 seconds
  - First responder arrives with an AED or higher capability ≤ 240 seconds (four minutes)
  - ALS unit arrives ≤ 480 sec (eight minutes)
  - The eight-minute benchmark for ALS units assumes that a first responder, minimally equipped with an AED, arrived in four minutes

State

Police and Fire Protection

California Code of Regulations Title 8 (Cal/OSHA)

Title 8 Sections 1270 "Fire Prevention" and 6773 "Fire Protection and Fire Equipment" establish minimum standards for fire suppression and emergency medical services. The standards include, but are not limited to, guidelines on the handling of highly combustible materials, fire hose sizing requirements, restrictions on the use of compressed air, access roads, and the testing, maintenance, and use of all firefighting and emergency medical equipment.

California Code of Regulations Title 14 (Natural Resources)

Division 1.5 (Department of Forestry and Fire Protection) establishes various wildfire preparedness, prevention, and response regulations.

California Code of Regulations Title 19 (Public Safety)

Title 19 of the CCR establishes regulations related to fire prevention and engineering measures for new construction.

California Code of Regulations Title 24 (California Building Standards Code) Part 9 (California Fire Code)

The 2022 California Fire Code, which consists of the 2021 International Fire Code, is Title 24 Part 9 of the California Code of Regulations. The 2022 California Fire Code was adopted by Arcata Fire Protection District on November 8, 2022 (Ordinance 22-21). The California Fire Code contains regulations for safeguarding life and property from fire and explosion, dangerous conditions arising from the storage, handling, and use of hazardous materials and devices, hazardous conditions in the use or occupancy of buildings or premises, fire protection systems such as alarm and sprinkler systems, fire safety during construction and demolition, standards for building inspections, as well as provisions to assist emergency response personnel. Fire-safety-related building standards are cross-referenced in other parts of Title 24. Part 7 includes information related to building materials, systems and/or assemblies to be used in the exterior design and construction of new buildings located within a wildland urban interface area.

California Health and Safety Code Division 12 (Fires and Fire Protection)

Additional state fire regulations are set forth in California Health and Safety Code Section 13000 et seq. These include regulations for building standards, fire protection and notification systems, fire protection devices such as extinguishers, smoke alarms, high-rise building standards, childcare facility standards, and fire suppression training. Building standards related to fire prevention and safety are also set forth in the California Building Code.

State of California Emergency Response Plan

California has developed the State of California Emergency Response Plan to coordinate emergency services provided by federal, state, and local government agencies. The plan is administered by the State Office of Emergency Services, which coordinates the responses of other agencies such as local fire and police agencies, emergency medical providers, California Highway Patrol (CHP), the California Department of Fish and Wildlife and Caltrans (CGOES 2017).

Schools

California Senate Bill 50 (Development Impact Fees)

California Senate Bill 50 (SB 50) was funded by Proposition 1A, the Kindergarten–University Public Education Facilities Bond Act of 1998, and approved in 1998. This is codified in California Government Code Section 65995 which authorizes school districts to collect fees to offset the costs associated with increasing school capacity as a result of new residential and commercial/industrial development and related population increases. SB 50

established a process to determine the amount of fees developers would be charged. According to California Government Code Section 65996, development fees authorized by SB 50 are deemed to be "full and complete school facilities mitigation," notwithstanding any contrary provisions in CEQA or other state or local laws. Two school districts that serve City of Arcata residents have development impact fees requirements.

Parks and Recreation

Quimby Act (California Government Code Section 66477 of the Subdivision Map Act)

The State's "Quimby Act" was established in 1965 and allows cities to require residential subdividers to dedicate land, or to pay in-lieu fees, for park and recreational purposes if the general plan contains policies and standards for parks and recreational facilities and definitive regulations are in place specifying the proportion of a subdivision to be dedicated or the payment of in-lieu fees. The Quimby Act allows for minimum dedications of three acres per 1,000 residents and the dedications of up to five acres to match a jurisdictions actual parkland to population ratio. The City's General Plan and Land Use Code require dedications of the maximum amount under the Quimby Act, five acres per 1,000 residents.

Mitigation Fee Act (California Government Code 66000-66008)

The Mitigation Fee Act, enacted as AB 1600, allows local agencies to impose a fee as a condition of approval of a development project to mitigate the impact on the jurisdiction's ability to provide specified public facilities to serve the proposed development projects. Fees collected are required to be deposited into a separate capital facilities account or fund to provide public information annually.

California Coastal Act

The study area is partially within the Coastal Zone. No Coastal Act policies relate to schools or police protection. Section 30253 states that new development shall *"minimize risks to life and property in areas of high geologic, flood, and fire hazard."* Numerous policies are relevant to parks and recreation, included below.

Section 30210 Access; recreational opportunities; posting

In carrying out the requirement of Section 4 of Article X of the California Constitution, maximum access, which shall be conspicuously posted, and recreational opportunities shall be provided for all the people consistent with public safety needs and the need to protect public rights, rights of private property owners, and natural resource areas from overuse.

Section 30211 Development not to interfere with access

Development shall not interfere with the public's right of access to the sea where acquired through use or legislative authorization, including, but not limited to, the use of dry sand and rocky coastal beaches to the first line of terrestrial vegetation.

Section 30212 New development projects

a. *Public access from the nearest public roadway to the shoreline and along the coast shall be provided in new development projects except where (1) it is inconsistent with public safety, military security needs, or the protection of fragile coastal resources, (2) adequate access exists nearby, or (3) agriculture would be adversely affected. Dedicated accessways shall not be required to be opened to public use until a public agency or private association agrees to accept responsibility for maintenance and liability of the accessway.*

Section 30214 Implementation of public access policies; legislative intent

a. *The public access policies of this article shall be implemented in a manner that takes into account the need to regulate the time, place, and manner of public access depending on the facts and circumstances in each case including, but not limited to, the following: (1) Topographic and geologic site characteristics. (2) The capacity of the site to sustain use and at what level of intensity. (3) The appropriateness of limiting public access to the right to pass and repass depending on such factors as*

the fragility of the natural resources in the area and the proximity of the access area to adjacent residential uses. (4) The need to provide for the management of access areas so as to protect the privacy of adjacent property owners and to protect the aesthetic values of the area by providing for the collection of litter.

b. *It is the intent of the Legislature that the public access policies of this article be carried out in a reasonable manner that considers the equities and that balances the rights of the individual property owner with the public's constitutional right of access pursuant to Section 4 of Article X of the California Constitution. Nothing in this section or any amendment thereto shall be construed as a limitation on the rights guaranteed to the public under Section 4 of Article X of the California Constitution.*

c. *In carrying out the public access policies of this article, the commission and any other responsible public agency shall consider and encourage the utilization of innovative access management techniques, including, but not limited to, agreements with private organizations which would minimize management costs and encourage the use of volunteer programs.*

Section 30220 Protection of certain water-oriented activities

Coastal areas suited for water-oriented recreational activities that cannot readily be provided at inland water areas shall be protected for such uses.

Section 30221 Oceanfront land; protection for recreational use and development

Oceanfront land suitable for recreational use shall be protected for recreational use and development unless present and foreseeable future demand for public or commercial recreational activities that could be accommodated on the property is already adequately provided for in the area.

Section 30222 Private lands; priority of development purposes

The use of private lands suitable for visitor-serving commercial recreational facilities designed to enhance public opportunities for coastal recreation shall have priority over private residential, general industrial, or general commercial development, but not over agriculture or coastal-dependent industry.

Section 30222.5 Oceanfront lands; aquaculture facilities; priority

Oceanfront land that is suitable for coastal dependent aquaculture shall be protected for that use, and proposals for aquaculture facilities located on those sites shall be given priority, except over other coastal dependent developments or uses.

Section 30223 Upland areas

Upland areas necessary to support coastal recreational uses shall be reserved for such uses, where feasible.

Section 30224 Recreational boating use; encouragement; facilities

Increased recreational boating use of coastal waters shall be encouraged, in accordance with this division, by developing dry storage areas, increasing public launching facilities, providing additional berthing space in existing harbors, limiting non-water-dependent land uses that congest access corridors and preclude boating support facilities, providing harbors of refuge, and by providing for new boating facilities in natural harbors, new protected water areas, and in areas dredged from dry land.

Section 30233 Diking, filling or dredging continued movement of sediment and nutrients

a. *The diking, filling, or dredging of open coastal waters, wetlands, estuaries, and lakes shall be permitted in accordance with other applicable provisions of this division, where there is no less feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the following:*

(3) In open coastal waters, other than wetlands, including streams, estuaries, and lakes, new or expanded boating facilities and the placement of structural pilings for public recreational piers that provide public access and recreational opportunities.

(6) Restoration purposes.

(7) Nature study, aquaculture, or similar resource dependent activities.

c. In addition to the other provisions of this section, diking, filling, or dredging in existing estuaries shall maintain or enhance the functional capacity of the wetland or estuary. Any alteration of coastal wetlands identified by the Department of Fish and Game, including, but not limited to, the 19 coastal wetlands identified in its report entitled, "Acquisition Priorities for the Coastal Wetlands of California", shall be limited to very minor incidental public facilities, restorative measures, nature study, commercial fishing facilities in Bodega Bay, and development in already developed parts of south San Diego Bay, if otherwise in accordance with this division.

Section 30240 Environmentally sensitive habitat areas; adjacent developments

a. Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on those resources shall be allowed within those areas.

b. Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be compatible with the continuance of those habitat and recreation areas.

Section 30252 Maintenance and enhancement of public access

The location and amount of new development should maintain and enhance public access to the coast by

(1) facilitating the provision or extension of transit service,

(2) providing commercial facilities within or adjoining residential development or in other areas that will minimize the use of coastal access roads,

(3) providing non-automobile circulation within the development,

(4) providing adequate parking facilities or providing substitute means of serving the development with public transportation,

(5) assuring the potential for public transit for high intensity uses such as high-rise office buildings, and by

(6) assuring that the recreational needs of new residents will not overload nearby coastal recreation areas by correlating the amount of development with local park acquisition and development plans with the provision of onsite recreational facilities to serve the new development.

Section 30253 Minimization of adverse impacts

New development shall do all of the following: (e) Where appropriate, protect special communities and neighborhoods that, because of their unique characteristics, are popular visitor destination points for recreational uses.

Local

This section includes City of Arcata policies and plans for the portions of the Project within City limits and within the Coastal Zone.

City of Arcata General Plan 2020

Police Protection, Fire Protection, and Schools

The following policies from the City of Arcata General Plan Public Safety Element, Public Facilities and Infrastructure Element, Land Use Element, and Design Element that address educational facilities, fire protection, and police protection:

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1a: City Emergency Response Plan.*** *The City shall maintain a comprehensive response plan for emergencies, including seismic events, tsunamis, slope failures, floods, storms, fires, and materials spills or contamination. The plan will provide for timely and coordinated response to emergencies that threaten community residents, property, and vital services. The plan will identify City and other emergency response agencies that should be contacted, and also identify neighborhood resources available for more localized assistance and relief.*
- ***PS-1b: Evacuation routes/transportation facilities****. Emergencies such as floods, storms, fires, distantly generated tsunamis, and hazardous materials spills may necessitate immediate evacuation of affected areas. A map of evacuation routes shall be included in City and neighborhood emergency response plans. These plans will also include evacuation methods for residents who are without, or unable to operate, vehicles. An emergency access plan shall be developed for access to the east side of town (east of State Route 101) after a major seismic event.*
- ***PS-1c: Disaster preparedness coordination using the Standardized Emergency Management System.*** *City staff responsible for emergency response shall be trained in Standardized Emergency Management System (SEMS) implementation, which is necessary to receive reimbursement from the State of California for disaster response related costs. This training includes instruction about the Incident Command System (ICS) which is used to manage emergency incidents or non-emergency events.*
- ***PS-1e: Development & design standards for emergency response.*** *New and renovated structures, as well as streets, driveways, and alleyways, shall be designed to provide adequate entry and exit by emergency vehicles and personnel. This includes visible street numbering, emergency vehicle turn-arounds, accessible building entry points and stairways, lighting, and interior evacuation routes.*

Policy PS-5: Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5a: Management of urban fire hazards (development/design standards).*** *Structural fires demand immediate response from a combination of onsite and Fire Department resources in order to minimize injury and damage. Fire suppression devices such as extinguishers and sprinklers are important for initial response, reduce fire insurance premiums, and satisfy operations requirements for certain types of businesses. These devices are encouraged in new and renovated non-residential buildings and in all residential structures with more than four units, even when not required by fire and building code.*

  All buildings should have adequate lighting, street numbering, and access to ensure rapid response by fire-fighting vehicles. To ensure urban fire safety, the City shall enforce the Uniform Building and Uniform Fire Codes (UBC & UFC) currently in effect, and the Universal Building Code when it is adopted.
- ***PS-5b: Review of development for fire safety.*** *The Arcata Volunteer Fire Department takes an active role in reviewing new development for compliance with fire safety standards. The City shall continue to incorporate Fire Department review to ensure that driveways, turns-arounds, and other access ways have sufficient width, vertical clearance, and turn-around space for fire fighting vehicles. Roadways shall have an all-weather surface and grades shall not exceed the Fire Department's maximum slope standards for emergency access.*

- ***PS-5c: Water supply (fire flow).*** *The City's fire hydrant system provides the primary source of water for fighting urban fires. The City shall maintain fire hydrant spacing so that no residential structure is more than 500 feet from a hydrant and no commercial or industrial structure is more than 300 feet from a hydrant. Each hydrant shall have adequate fittings and be capable of providing adequate water flows to meet Fire Department standards. The City shall maintain adequate fire flows in its water system. Open-water sources such as ponds, swimming pools, private storage tanks, and reservoirs may be used as a secondary water source by fire-fighting apparatus. These sources shall be equipped with appropriate filtering devices or strainers to prevent clogging of water pumps.*
- ***PS-5d: Management of wildland fire hazards****. Wildland fires in forested areas of the City can cause property damage and threaten nearby structures. Buildings in forested areas shall use materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall encourage the Arcata Fire Department to maintain its mutual aid agreement with the California Department of Forestry and Fire Prevention (CDF) to insure rapid response to wildland fires.*
- ***PS-5e: Fire suppression services.*** *The Arcata Volunteer Fire Department's (AVFD) jurisdiction (shown as District #1 on the AVFD service area map) includes the City's incorporated, sphere of influence, and planning areas, except for an outlying area along Jacoby Creek Road. The AVFD maintains two fire stations to provide rapid response to all fire calls within its service area. They also maintain mutual aid agreements with the CDF and the Eureka Fire Department (Humboldt Bay Fire) for rapid response to fires in outlying areas.*

Policy PS-6: Hazardous Materials

Objective. *Minimize the personal injury, property damage, and public health risks associated with the production, use, storage, disposal, and transporting of toxic substances or hazardous materials.*

Applicable sub-policy:

- ***PS-6d: Siting of facilities handling hazardous waste****. Businesses and agencies that use, store, or produce hazardous materials shall train employees and other users in safe handling and storage procedures, and shall post current Occupational Safety and Health Act (OSHA) and Humboldt County hazardous materials requirements. Businesses shall also comply with Federal "community right-to-know" regulations. The City shall consider proximity to sensitive receptors, such as schools, hospitals and other health care facilities, day care centers, and other immobile populations, when reviewing new facilities and businesses involved in these activities.*

Policy PS-7: Crime Prevention and Response

Objective. *Promote law enforcement agency and community group efforts to reduce crime and assure timely and effective responses to calls for service.*

Applicable sub-policies:

- ***PS-7a: Development/building and site design standards for crime prevention.*** *Some criminal acts in and around buildings can be prevented or minimized by incorporating safety and security precautions into building and site design. These include a combination of onsite features such as alarm systems, secured entryways, lighting, and visible access. Crime prevention measures, such as providing alarm systems, security lighting, street numbers, and visibility for police surveillance, should be incorporated into, and around, new and renovated buildings. Gated communities hinder police and fire suppression access and shall be prohibited, consistent with Community Design Element policy.*
- ***PS-7b: Community-based policing.*** *Community-based policing has proven effective in reducing crime by involving citizens in crime prevention. The City Police Department provides training to business and neighborhood groups in how to discourage crime and best respond when crime occurs. The City shall continue to provide citizen training, maintain relationships with community groups, and encourage Business Emergency Services Teams (BESTs) to reduce crime and augment the essential*

services of the Police Department. Foot and bike patrols shall be promoted to maximize interaction between citizens and police, to foster friendship, understanding, and mutual help.

- ***PS-7c: Cooperative Law Enforcement**. There are three law enforcement agencies based in Arcata: The Arcata Police Department, the HSU Police Department, and the California Highway Patrol. These agencies work together, responding to incidents throughout the City. The City shall continue to cooperate with other law enforcement agencies to maximize public safety within its boundaries. The City Police Department shall be the primary response agency within City limits since it is the only agency directly accountable to the government and citizens of Arcata.*
- ***PS-7d: Independent review.** The Arcata Police Department has an established review procedure for investigating complaints against law enforcement personnel. Complaints may also be referred to the Humboldt County Grand Jury.*
- ***PS-7e: Education and crime prevention funding.** The City recognizes that funds spent on education and crime prevention are more effective in reducing crime than funds spent on apprehending, prosecuting, and incarcerating criminals. The City shall pursue a long-term strategy of funding education and crime prevention programs.*

Policy PF-4: Educational Facilities

***Objective.** Identify student enrollment increases, based on the projected future population of the City, and coordinate with local school (public and private) districts, Humboldt State University, and other education providers to maintain and improve educational facilities and services, while preserving established community/student ratios.*

Applicable sub-policies:

- ***PF-4a: Coordination with Arcata, Pacific Union, and Jacoby Creek school districts**. The City shall provide demographic information to assist the School Districts in projecting future student enrollments. The City shall encourage the school districts to expand existing schools rather than designating new sites for this purpose.*
- ***PF-4b: Coordination with private and specialized education providers.** The City shall accommodate providers of private, vocational, and specialized education that fills an identified community need, when they desire to locate in the City.*
- ***PF-4c: Coordination and development review with Humboldt State University.** The City shall designate at least one member of the City Council and one Planning Commission member as liaisons to Humboldt State University and request that the designated Council member be appointed to the University President's Advisory Council.*
- ***PF-4d: Joint use of school facilities for community events and recreation.** School facilities are primary locations for neighborhood level events and recreational activities. The City, school districts, and community organizations shall develop and maintain partnerships for the joint use of school facilities.*

Policy PF-5: Public Facilities

***Objective.** Provide adequate facilities for services and programs administered by the City and other public service providers, including City administrative and meeting facilities (City Hall), police and fire departments, libraries, and community centers.*

Applicable sub-policies:

- ***PF-5a: Facilities for community service and private organizations.** Community service organizations, as well as non-profit and private organizations offer shelter, assistance, training and other human services. These organizations also offer places for religious, cultural, social, entertainment and recreation activities. The City shall allow facilities, operated by community service and private organizations, to be located in incorporated areas designated General Commercial [C-G];*

Central Commercial [C-C]; Residential High Density [RH]; Limited Industrial [I-L]; and Public Facility [P-F]. Operations and functions of these facilities may be subject to a use permit, to be granted and revocable at the discretion of the City.

- ***PF-5b: City administrative and operations facilities and community centers.*** *The City shall limit development of the Corporation Yard facilities to within existing boundaries, and shall maintain a landscaped screen along the northern and eastern perimeter of the oxidation pond.*
- ***PF-5c Public libraries and civic facilities operated by other agencies.*** *The City shall coordinate with Humboldt County to provide public library facilities in the City. The City shall also coordinate with other agencies, such as the Redwood Regional Transit System, to maintain joint-use facilities in the City.*

Policy LU-5: Public Facilities

Objective. *Provide appropriate locations and sites for water storage and delivery; wastewater collection and treatment; drainage; solid waste management; fire protection; parks and recreation; civic and institutional uses; and education (public and private) facilities.*

Applicable sub-policies:

- ***LU-5a: Public Facility [PF] uses****. Public Facility land use category is applicable to those lands which are to be used for the various types of public facilities, except that some public facility uses are also allowed in other land-use categories. Public facility uses include certain uses which may be owned by private individuals, private organizations, or private institutions, as well as by government entities. Uses include schools, public services and administrative offices, wastewater and solid waste management facilities, public parking lots, parks and non-commercial recreation uses, golf courses, auditoriums, and other public assembly spaces, hospitals, cultural facilities, community gardens, communication (including telecommunications) and transportation facilities, and utilities. The types of uses allowable within this category shall be specified in Table LU-6.*

Policy D-6: Commercial and Industrial Design

Objective. *Create functional commercial centers and industrial areas, suited to staff and customer needs, responsive to site conditions, and compatible with the neighborhood context.*

Applicable sub-policies:

- ***D-6c: Design of institutional development.*** *Since institutional uses—such as churches, schools, government facilities, and others—are frequently located within residential areas, their design shall be reviewed for compatibility with the adjacent residential neighborhood. In addition, the City requests that HSU, school districts, and other institutional entities adhere to the following criteria, which shall apply to design of any facilities within Arcata:*
  1. *Long, uninterrupted expanses of wall and roof planes should be avoided and architectural features which add interest and variation, such as porches, cupolas, towers, arbors or pergolas, etc., should be incorporated.*
  2. *Appropriate buffers and screening should be provided between institutional uses and adjacent residential uses, including increased setbacks, fencing, and landscaping.*
  3. *The massing of buildings and the visual organization of facades, including the proportion of window and door openings to total wall surface, exterior materials and colors, and architectural detailing and ornamentation, should be designed to harmonize with any adjacent residential uses.*
  4. *Appropriate setbacks and landscaped buffers should be provided to minimize noise and visual impacts.*

Parks and Recreation

The following policies from the City of Arcata General Plan Parks and Recreation Element:

City of Arcata General Plan Parks and Recreation Element

In 1994, the City adopted a General Plan Parks and Recreation Element (Resolution 945-26) to serve as the central policy document to guide the provision of parks and recreation in the City. The Element considered a wide variety of recreation programs with policies addressing the community's desire to provide a wide spectrum of parks and recreation opportunities and facilities; encouraging cooperative agreements with other government entities and public/private partnerships to enhance the availability of recreation programs; and emphasized fiscal responsibility and the objective to minimize environmental impacts. This Element was maintained as a separately bound document in the Arcata General Plan 2020.

Parks and Recreation Element Goal 1: To provide a wide spectrum of recreational opportunities for Arcata residents of all ages.

- *Policy. The City of Arcata shall annually review and establish standards and objectives and evaluate and address deficiencies. Evaluate new program ideas and incorporate if appropriate.*

Parks and Recreation Element Goal 2: Two to provide all residents, with a wide assortment of parks and related facilities.

- *Policy A. The City of Arcata shall continue to develop and improve the City's parks and related facilities.*
- *Policy B. The City of Arcata shall encourage the development of privately operated recreation facilities within the City limits and sphere of influence.*
- *Policy C. The City of Arcata shall acquire additional parklands as needed to accommodate population growth.*

  Fees and or parkland dedications pursuant to the Quimby Act (California Government Code Section 66477, as amended) shall be used to provide or improve park and recreation facilities which serve the residents of the subdivision from which such fees or land are obtained. Community Parks serve all residents of the City of Arcata.

  Whenever a Neighborhood Park exists, residents of a particular subdivision located in that neighborhood may be considered served by the existing Neighborhood Park. The term "neighborhood" is intended to be applied to the area from which residents can reasonably be expected to travel to use a park or facility. It is not intended to be applied in a strict manner, such as identifying the residents on one side of a street as being in one neighborhood, and the residents on the other side in a different neighborhood.

Parks and Recreation Element Goal 3: To promote sharing of facilities and programs with other entities.

- *Policy A. The City of Arcata shall encourage cooperative agreements, maintain good relations, and continue sharing equipment, facilities, fields, maintenance, and staff with other entities.*
- *Policy B. The City of Arcata shall acquire and develop future park sites adjacent to schools wherever possible.*

Parks and Recreation Element Goal 4: To emphasize fiscal efficiency, in the provision of parks and recreation programs.

- *Policy A. The City of Arcata shall develop and improve parks and related facilities as funds become available.*
- *Policy B. The City shall offer credit for private recreation facilities as specified in California Government Code Section 66477 or where it is determined that proposed private recreation facilities are in the best interest of the citizens of the City of Arcata.*

Parks and Recreation Element Goal 5: To provide aesthetically, pleasing parks and recreational facilities, which are compatible with their environment.

- *Policy. The City of Arcata shall support a system of recreational services and facilities which minimize adverse impacts on the environmental; fiscal, and social well-being of Arcata.*

Parks and Recreation Element Goal 6: To bring park and recreation facilities in compliance with changing federal and state laws and encourage user safety.

- *Policy A. The City of Arcata shall establish priorities to ensure compliance with the requirements of federal and state laws.*
- *Policy B. The City of Arcata shall maintain a risk management program for park and recreation programs and facilities.*

The City manages some of its open space areas for recreation and therefore the Open Space Element includes policies relevant to recreation.

Policy OS-1: Overall Open Space System

Objective. *Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together in a network wherever practical for accessibility, managed for resource production, and maintained for enjoyment by City residents and visitors.*

Applicable sub-policies:

- ***OS-1e: Appropriate uses and development limitations within open space lands.*** *Certain open space areas contain wetlands and other critical habitat, and must be preserved in a natural condition and enhanced. Other areas can accommodate managed activities such as mining and timber harvesting, subject to sustainable yield policies RC-6 and RC-8 in the Resource Conservation & Management Element, while other areas shall be designated for interpretive and recreational use. Each designated open space area of the City shall be evaluated by the appropriate City advisory board (e.g., Creeks & Wetlands Committee) to determine the resources present, the acceptable level of use, and appropriate preservation. The management of, and development in, open space areas are subject to applicable policies of the Resource Conservation and Management and Land Use Elements.*
- ***OS-1g: Public and private ownership and management of open space****. Open space resource areas are owned and managed by the City, state agencies, land trusts, corporations, and private individuals. The City shall set the standard for responsible resource land stewardship through its management of the Community Forest, marshes, parks, and other resource lands, and encourage other public and private entities, entrusted with the ownership and management of similar resource areas, to consider natural resource values to the community in all long term use decisions.*

Policy OS-4: Open Space for Outdoor Recreation and Coastal Access

Objective. *Designate and secure public access to a sufficient supply of land and water areas with recreation resource value, including parks, forests, coastal areas, baylands, and stream corridors, to meet the outdoor recreation needs of Arcata residents and visitors.*

Applicable sub-policies:

- ***OS-4a: Designations for park lands and outdoor recreation areas.*** *All publicly held park lands and outdoor recreation areas are designated as Public Facility [PF] on the General Plan Land Use Element map. The natural resources present on these lands are also subject to the applicable policies of the Resource Conservation & Management Element. Recreation areas are mapped on Figure OS-a.*

OS-4b: Coastal access policy. *The City shall maintain coastal access corridors to Arcata Bay and other public use areas and public trust lands within the coastal zone. Coastal access routes include:*

- *Access from Samoa Boulevard to Arcata Bay via South "I" and "G" Streets.*
- *Access to Mad River Beach via Mad River Road.*
- *Access to Manila Dunes via Samoa Boulevard.*

- ***OS-4c: Relationship to the Parks and Recreation Element.*** *This element contains policies for management of open space lands designated for outdoor recreation. The Parks and Recreation Element contains goals and policy direction for: providing a of recreation opportunities; sharing facilities; park and recreation program efficiency; environmental compatibility; and user safety.*

Policy OS-4: Open Space in Health and Safety Hazard Areas

Objective*. Designate health and safety hazard areas such as seismic fault and liquefaction zones, unstable soils or slopes, floodplains, areas susceptible to wildland fire, and watershed/reservoir safety zones. Provide appropriate protections, or restrictions, to minimize unnecessary exposure of people and property to health and safety hazards.*

Applicable sub-policies:

- ***OS-5a: Designation of open space for public safety.*** *Designated open space for public safety is shown on Figure OS-a. Setbacks for seismic faults and liquefaction zones, unstable soils or steep slopes, mapped Flood Hazard Zone A, areas susceptible to wildland fire, and watershed/reservoir safety zones, shall be established as part of the development review process. Where severe safety considerations exist (e.g., within the Alquist-Priolo Zone), open space easements shall be granted to the City to protect people and property from health and safety hazards.*

  Open space areas, with slopes 15% or greater shall retain their natural landform features; excavation shall be restricted, according to the City's adopted grading ordinance, and removal of vegetation shall be limited to the selected thinning of timber stands and removal of hazard trees.

  Open Space areas that are flood-prone may be used for agricultural and recreational purposes but shall be kept free from urban development. A flood plain overlay zone shall be applied to all Natural Resource [NR] and Agricultural [AE] areas subject to inundation according to the Flood Insurance Rate Map Hazard Boundary Map) developed by the Federal Emergency Management Agency (FEMA) or the Federal Insurance Administration.

The Resource Conservation and Management Element Policy contains goals and policies for conserving, enhancing, and managing the City's natural systems and features which in some cases, include recreational features or amenities.

Policy RC-2: Streams Conservation & Management

Objective. *Enhance, maintain, and restore the biological integrity of entire steam courses (headwaters to mouth), and their associated riparian habitats, as natural features in the City's landscape.*

Applicable sub-policy:

- ***RC-2a: Designation of protected streams.*** *The provisions of this policy shall apply to those streams shown on the Protected Watercourse Map (Figure RC-a). These watercourses and their associated riparian areas serve as habitat for fish and wildlife, provide space for the flow of stormwater runoff and flood waters, and furnish open space and recreational areas for city residents.*

Policy RC-3: Wetlands Management

Objective. *To protect existing wetlands areas and their functional capacities and values, maintain a standard of "no net loss" in area and value, restore degraded wetland areas, enhance wetlands functions, and create additional wetland areas to replace historical losses.*

Applicable sub-policies:

- ***RC-3d: Allowable uses and activities in Environmental Buffer Areas.*** *The following compatible land uses and activities may be permitted in EBAs, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements: 3. Outdoor recreation activities, such as bird watching, hiking, boating, horseback riding, and similar activities. 4. Education, scientific research, and use of nature trails.*
- ***RC-3i: Management of Arcata Marsh for wetlands values as well as wastewater treatment.*** *The marsh and wildlife sanctuary serves a variety of purposes and functions, including providing wetland habitat for a variety of species, wastewater treatment, and recreational use. These purposes shall be balanced for the benefit of all users.*

Policy RC-4: Open Waters of Arcata Bay & Tidelands

Objective. *Maintain existing Bay wetlands and tide lands, protect them from urban and agricultural encroachments, or degradation, and manage the open waters of Arcata Bay for their wildlife, fisheries, navigation and ecological values and recreation and tourism uses.*

Applicable sub-policies:

- ***RC-4c: Coastal-dependent and public trust uses of Arcata's tidelands.*** *Tidelands of Arcata Bay support a variety of wildlife as well as human activities. The following provisions shall be made for managing tideland areas.*
  1. *New development shall not restrict access to the shoreline. Access to coastal areas shall be required for new development.*
  2. *Tidelands and water areas of Arcata Bay shall be designated Natural Resource Public Trust Lands [NR-PTL], and identified as passive use recreational areas.*
  3. *The Arcata Marsh and Wildlife Sanctuary shall be designated as Natural Resource [NR] and the recreational component of the project identified as a passive use recreational area.*
  4. *The continued use of the tideland for scientific and educational studies is encouraged.*
  5. *The Arcata Marsh and Wildlife Sanctuary (AMWS) shall be maintained and new facilities shall be consistent with the AMWS plan adopted by the City Council.*
  6. *The South "I" Street boat launch shall be enhanced and maintained to accommodate small watercraft and windsurfing.*
  7. *The placement of interpretative sites along the Arcata Bay shore, including Nature and Wildlife Centers, shall be coordinated with other agencies, and serve as an educational focal point for Arcata's natural resource areas.*
  8. *Access on the levee from the AMWS westward to the City limit will be provided for passive recreation and nature observation.*
- ***RC-4f: Management of bayfront and marsh areas for coastal access, recreation, and tourism.*** *Tidelands and water areas of Arcata Bay shall be designated Natural Resource-Public Trust Land [NR-PTL] and protected from uncontrolled access. The following guidelines shall be used when permitting access to these areas:*
  1. *Motorized vehicles shall be restricted to paved roads and parking lots.*
  2. *Pedestrians shall be restricted to designated trails and facilities.*
  3. *Valid scientific and educational studies of the wetlands and tidelands shall be encouraged.*

  New development shall not restrict public access to the shoreline. Public access to the shoreline shall be required of new development. Where consistent with the Humboldt Bay National Wildlife Refuge's Management Plan, controlled public access to the Refuge's Jacoby Creek Unit shall be developed along Arcata Bay from the AMWS to the City's westward limit.

Policy RC-6: Forest Resources Management

Objective. *Protect and enhance private and public forest lands (Community and Jacoby Creek) to maintain the integrity of the ecosystem while providing timber production, recreation, and habitat values.*

Applicable sub-policies:

- ***RC-6a: Management of Arcata Community Forest.*** *The City's forest management plan includes the following policies:*
  1. *Recreation and aesthetics resource management - The community forest will emphasize dispersed, day-use opportunities. Recreational use shall not be allowed to impact other resources such as fish, wildlife, or watershed.*
  2. *Timber resource management - To ensure the sustainable and long-term production of forest products, the rate of harvesting must not exceed the rate of production. Long-term productivity refers to the continuing ability of the forest to produce timber while retaining the associated values of watershed, wildlife, soils, recreation and aesthetics. This is dependent upon the use of management practices that do not allow for the deterioration or impairment of soil productivity or the alteration of the natural landscape beyond its ability to recover. For planning purposes, long term means that exceeding fifty years.*
- ***RC-6b: Management of Jacoby Creek Forest.*** *The management policies for the Jacoby Creek Forest are the same as those for the Arcata Community Forest, listed above, except that the Jacoby Creek Forest is not open to recreational use.*
- ***RC-6c: Allocation of forest fund revenues.*** *At least twenty percent of net forest fund revenues, derived from timber cutting, shall be directed towards park acquisition, maintenance, and development. This can include acquisition of stream corridors, and riparian and greenbelt areas. These areas contribute to the diversity of parks and, in the case of linear parks along stream corridors, provide passive recreation areas compatible with the environment. The acquisition of open space shall be emphasized as an appropriate use for the remaining revenues.*
- ***RC-6d: Management practices for private timberlands.*** *The management of private timberlands shall be encouraged to use current principles of sustainable forestry for all aspects of forest use and function: recreation; timber production; biodiversity; air and water quality; and carbon storage. Timber owners are encouraged to apply for conservation easements, certified forestry, or compensation for carbon storage.*

Policy RC-7: Water Resources Management

Objective. *Manage Arcata's water resources from a watershed perspective, to maintain surface and subsurface water quality and quantity. Runoff will be managed for the benefit of aquatic habitats.*

- ***RC-7a: Protection of surface waters from point and nonpoint pollution sources.*** *The use of natural stormwater drainage systems, which preserve and enhance natural features, shall include the following:*
  2. *Recreational opportunities and aesthetics shall be considered in the design of stormwater detention/retention and conveyance facilities*

Proposed City of Arcata General Plan 2045

Police Protection, Fire Protection, and Schools

The following are relevant policies of the proposed General Plan 2045 Update.

Policy CM-3: Bus Transit Policy

Objective. *Maintain a bus transit system which connects and serves major commercial and employment areas within Arcata, Cal Poly Humboldt, public schools, and higher density residential areas. Increase average citywide transit mode share of daily person trips to 12% from the 2020 level of 3% by 2040.*

Applicable sub-policies:

- ***CM-3c: Bus route system.*** *Public transportation is both a civil right and a critical climate solution and should be designed to provide service competitive with automobile travel in terms of access and rider safety, convenience and comfort. Potential improvements to the transit system should be assessed according to the best available evidence of both need and existing and induced demand. In order to increase safety and access to basic needs, work with relevant transit agencies, major employers, key user groups, and area schools to plan for enhanced public transit and school bus lines and new stops to both accommodate the new growth and serve existing community needs.*

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1b: Evacuation routes/transportation facilities****. Emergencies such as floods, storms, fires, tsunamis, and hazardous materials spills may necessitate immediate evacuation of affected areas. A map of evacuation routes shall be included in City and neighborhood emergency response plans. These plans will include evacuation methods using a variety of available modes for transportation. An emergency access plan shall be developed for access to the east side of town (east of State Route 101) after a major seismic event.*

  While a majority of the neighborhoods in the City have at least two potential evacuation routes in the event of an emergency, there are some areas with only one evacuation route. Residential areas with only one evacuation route include upper Diamond Drive, California Avenue, Fickle Hill Road, Beverly Way, a portion of Beverly Drive, and others in the Grotzman Creek drainage. The City's emergency operations plan shall identify and include evacuation options for these areas and shall include public education and outreach.
- ***PS-1g: Humboldt County Operational Area Hazard Mitigation Plan (HMP).*** *The 2019 Humboldt County Operational Area HMP and City of Arcata Annex is adopted by reference into the General Plan. General Plan policies and actions shall support its goals and objectives and incorporate policies and programs to address the climate vulnerabilities identified in the City of Arcata Annex.*

Policy PS-5: Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5a: Management of urban fire hazards (development/design standards).*** *Structural fires demand immediate response from a combination of onsite and Fire Department resources in order to minimize injury and damage. Fire suppression devices such as extinguishers and sprinklers are important for initial response, reduce fire insurance premiums, and satisfy operations requirements for certain types of businesses. These devices are encouraged in new and renovated non-residential buildings and required in all residential structures.*

  All buildings should have adequate lighting, street numbering, and access to ensure rapid response by fire-fighting vehicles. To ensure urban fire safety, the City shall enforce the current California Building and current Fire Codes, and the Universal Building Code when it is adopted.
- ***PS-5b: Review of development for fire safety.*** *The Arcata Fire Protection District (District) reviews new development for compliance with fire safety standards. The City shall continue to incorporate review by the District to ensure that buildings and sites adhere to relevant fire and building codes, including sprinklers, vertical clearance, and turn-around space for fire fighting vehicles.*

- ***PS-5d: Management of wildland fire hazards****. Fires in the wildland urban interface (WUI) areas of the City can cause property damage and threaten nearby structures. Buildings in WUI areas shall use materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall support the ongoing implementation of the Humboldt County Community Wildfire Protection Plan and encourage residents in WUI areas to follow its recommendations. The City supports the Fire District in maintaining its mutual aid agreement with the California Department of Forestry and Fire Prevention (CAL FIRE) to insure rapid response to wildland fires.*
- ***PS-5e: Wildland Fire Risk Reduction and Defensible Space Around Homes.*** *The City will draw on available local and regional guidance and support efforts to reduce wildland fire risk. To do so, the City encourages creating defensible space around homes and other structures in wildlands and the wildland urban interface. The City shall support programs and plans that reduce wildland fire risk.*

Policy PS-7: Crime Prevention and Response

Objective*. Promote law enforcement agency and community group efforts to reduce crime and assure timely and effective responses to calls for service.*

Applicable sub-policies:

- ***PS-7f: Principled Policing.*** *The Arcata Police Department shall conform to State and Federal law, California Peace Officer Standards and Training (POST) standards, Department policies, and 21st Century Policing best practices to combat racial profiling and bias in policing and to promote de-escalation and principled policing.*

Policy LU-2: Residential Land Use

Objective. *Allow for a mix of housing types and densities to ensure residents at all ages and abilities have safe, healthy, and affordable homes that meet their physical, social, and economic needs through housing production, preservation, and conversion that is compatible with established neighborhood character.*

- ***LU-2a: Residential Land Use Classifications****. The following land use designations are applicable to residential lands. Table LU-2 defines permitted uses, densities, lot sizes, and other development standards for each classification.*
  - *Residential High Density [R-H]. High density residential uses are designated in central Arcata and other areas to allow higher density multi-family housing located in proximity to commercial and employment uses, public services, schools, and parks. Local-serving commercial uses such as corner grocery stores and coffee shops shall be permitted in [R-H] zones.*

Policy PF-4: Educational Facilities

Objective. *Value Arcata's educational institutions and facilities as keys to achieving the high educational standards that will lead to prosperity and community wellbeing. Partner with schools and the University in support of Arcata's future prosperity, and our diverse and tolerant cultures. Seek the cooperation of Arcata's educational institutions to achieve City goals. Identify student enrollment increases, based on the projected future population of the City, and coordinate with local school (public and private) districts, and other education providers to maintain and improve educational facilities and services. Coordinate with Cal Poly Humboldt to project demand for City services and facilities based on anticipated increases in enrollment and employment.*

- ***PF-4a: Coordination with Arcata, Pacific Union, and Jacoby Creek school districts, the Northern Humboldt Unified High School District, and Charter School Operators.*** *The City shall provide demographic information to assist the School Districts and charter schools in projecting future student enrollments. The City shall encourage the school districts and charter schools to expand existing schools rather than designating new sites for this purpose. Public and charter schools are allowed in all residential zones, in the Gateway Area, and in Public Facilities zoned parcels.*

PF-4c: Coordination and development review with Cal Poly Humboldt. *The City shall designate at least one member of the City Council as liaisons to Cal Poly Humboldt and request that the designated Council member be appointed to the University President's Advisory Council.*

Policy PF-5: Public Facilities

Objective. *Provide adequate facilities for services and programs administered by the City and other public service providers, including City administrative and meeting facilities (City Hall), police and fire departments, libraries, and community centers.*

- ***PF-5a: Facilities for community service and private organizations.*** *Community service organizations, as well as non-profit and private organizations serve an important and vital role in the health of our community and offer shelter, assistance, training and other human services. These organizations also offer places for religious, cultural, social, entertainment and recreation activities. The City shall allow facilities, operated by community service and private organizations, to be located in incorporated areas designated General Commercial [C-G]; Central Commercial [C-C]; Residential High Density [RH]; Limited Industrial [I-L]; and Public Facility [P-F]. Operations and functions of these facilities may be subject to a use permit, to be granted and revocable at the discretion of the City.*
- ***PF-5c: Public libraries and civic facilities operated by other agencies.*** *The City shall coordinate with Humboldt County to provide public library facilities in the City. The City shall also coordinate with other agencies, such as the Humboldt Transit Authority, to maintain joint-use facilities in the City.*
- ***PF-5f: Energy conservation and decarbonization of City facilities****. Continue reducing City facility energy consumption, including conservation and weatherization measures exceeding building code standards, electric only appliances/ HVAC/ water heating systems and renewable energy sources. Consider Greenhouse Gas Reduction measures in all new facility, renovations, site design and connectivity decisions. Develop and implement City practices to increase electrification equity and affordability for all residents.*

Policy H-4: Community Culture

Objective*. Encourage a healthy, cohesive community culture. The strength of relationships and the sense of shared identity between members of a community are linked to emotional wellbeing, safety, and higher levels of investment in health-promoting community resources. This section outlines the community cohesion outcomes the community wants to achieve and addresses how the City can support and contribute to a strong, diverse, and collective community identity.*

- ***H-4a: Healthy and equitable schools.*** *Ensure that schools support mental, physical, emotional, and social wellbeing. Childcare and school environments influence the foods children eat and drink outside the home, rates of physical activity, and social and emotional development. Educational attainment is also linked with lifespan. Increase the ways in which Arcata's schools contribute to students' health and wellbeing through:*
  - *Integrating physical activity into students' daily educational experience.*
  - *Integrating the arts into students' daily educational experience.*
  - *Supporting walking and biking to school.*
  - *Supporting physical activity through the design of school sites and structures.*
  - *Ensuring students have access to healthy foods on school sites.*
  - *Leveraging schools to remove mental health and safety barriers to physical activity among youth.*
  - *Encouraging schools to ensure that classrooms and curriculums integrate and dialogue with historically excluded sources of dialogue, empower and support students of all races, ethnicities, and cultures, and represent/appreciate all cultures respectfully.*

Parks and Recreation

Policy D-8: Community Benefits Program

Objective. *Ensure new development benefits the community generally while streamlining approval and accountability in the development planning process.*

- ***D-8m: Incentivize Privately-Owned Open Spaces as a Community Amenity.*** *Utilize the community benefit program to incentivize the creation of new privately-owned, publicly-accessible open spaces.*

Policy LU-1: Overall Development Pattern

Objective. *Establish a pattern of development that concentrates activity and amenities in a pattern of centers, clusters and mixes of uses to support the City's focus on infill development and active transportation. Provide an overall land use arrangement that concentrates city-wide uses and functions in these areas with an emphasis on areas within walking distance of the central Plaza Area, Cal Poly Humboldt, and existing neighborhood and employment centers which provide a mix of commercial services, residential uses, and community facilities.*

To the maximum extent feasible, the City shall strive through its land use decisions to promote community health for all neighborhoods, with particular attention to those that have been identified as lacking in amenities such as transit, clean air, grocery stores, bike lanes, parks, and other components of a healthy community.

- ***LU-1s: Incentivize Projects that Provide Designated Community Amenities.*** *Establish ministerial permitting options and streamlined development processes for projects that create housing and provide designated community amenities.*

Policy LU-3: Commercial Land Use

Objective. *Grow a pattern of activity centers that meet the daily needs of the community and visitors and with a variety of retail goods, food, and services that are convenient, safe, accessible, and affordable to all.*

- ***LU-3f: Relationship of Building Height to Open Space.*** *Allow for buildings over four stories using Community Benefits Program but require greater percentages of Open Space to be retained at ratios set in the Form-Based Code to ensure residents of high-density housing retain an excellent quality of life and easy access to high-quality open space.*

Policy PR-1: Park Standards

Objective. *Provide parklands to defined City Service Areas to meet unique community preferences and demands for recreation opportunities. Maintain park standards that facilitate future planning and help define appropriate levels of service for various types of parkland.*

- ***PR-1a: City of Arcata Parks Classification System****. The following is a summary of the City Parks Classification System, the complete system description is contained in Appendix B of the Parks and Recreation Master Plan with the Park Design and Development Guidelines.*
    - *Neighborhood Parks. Located within walking and bicycling distance of most users, neighborhood parks are small parks that provide access to basic recreation opportunities for nearby residents. Designed primarily for non-supervised, non- organized recreation activities, neighborhood parks often include amenities such as playground equipment, outdoor basketball courts, picnic tables, pathways, and multi-use open grass areas. Neighborhood parks may include small-scale natural areas, such as riparian areas, and can contribute to environmental sustainability by incorporating sustainable design elements. These parks generally are one to five acres in size and serve residents within a ½-mile radius. Smaller mini parks (of less than one acre) will have a smaller service area (less than ¼ mile).*

- *Community Parks. Community parks are larger parks that provide both active and passive recreation opportunities that appeal to the entire community. These sites are generally designed around organized, active recreation, supported by facilities such as sport fields and outdoor courts. These parks also serve as community gathering spaces, offering a variety of facilities that can accommodate small or large groups, such as recreation centers, group picnic areas and shelters, rental space, festival space, amphitheaters, and large playgrounds. The optimum size of community parks is between 15-30 acres.*
- *Special Use Areas. Special use areas include stand-alone recreation facilities not located within larger parks. These include single-purpose sites, such as community centers, aquatic centers, sports complexes, boat ramps, skate parks, outdoor theaters, urban plazas, and gardens. Special use areas promote a variety of personal, social, and economic benefits depending on facility type and location. In some cases, these facilities may attract new residents and businesses and support tourism.*
- *Linear Parks/Greenways. Greenways and linear parks include natural or built corridors used to link features together and provide green buffers between communities or around the city. Greenways and linear parks typically support trail- oriented activities, including walking, jogging, biking, and skating, which play a major role in health and fitness. These parks may incorporate smaller scale neighborhood park amenities, such as play areas, picnic areas, or exercise trails. Trails between key destinations can help create more tightly-knit communities, improve children's access to schools, and provide opportunities for non-motorized transportation. Greenways and linear parks may be of various lengths and widths, and these corridors typically support facilities such as viewing areas, picnic tables, or trailheads.*
- *Natural Areas. Natural areas are undeveloped lands left in a natural state for conservation or outdoor recreation. They protect and manage unique or significant natural features, such as rivers and streams, wetlands and marshes, steep hillsides, environmentally sensitive areas, and wildlife habitats. Some natural areas may have limited access due to resource conservation needs. Sites may provide a number of ecological benefits, such as shoreline protection, wildlife habitat, stormwater filtration, riparian corridor and wetland preservation, and erosion control. Where appropriate, natural areas may support passive, outdoor recreation, such as trail-related opportunities, bird and wildlife viewing, environmental interpretation and education, and nature photography. These parks provide opportunities to promote conservation and stewardship, develop an appreciation for nature, and improve health and wellness by providing a physical and mental refuge from the built environment. The size and shape of the natural area will vary depending on the protected resource.*
- *Undeveloped Sites. Undeveloped sites include land that has been acquired by the City for possible future park improvements. These sites are not managed as natural areas, although they do provide green space in the City. Their size varies depending on the purpose of their acquisition.*
- *Beautification Areas. Beautification areas are landscaped areas, typically located along street rights-of-way and intersections, entry features, and parking lots. Beautification areas can incorporate flowers, shrubs, trees, native plants, or other ecologically appropriate landscaping to add green space to the urban environment, provide visual and economic benefits, and promote environmental health. Through the use of signage, fountains, or other features, these areas also may add to community identity. Unlike parkland, beautification areas have reduced recreational value.*

- ***PR-1b: Parkland Dedication.*** *For all residential subdivisions, require parkland dedications, or fees in lieu of dedication, according to the following standards:*
  - *Land or fees shall be based on five (5) acres of parkland per 1,000 persons.*
  - *Subdivisions having fifty-one or more lots shall automatically be reviewed by the Parks and Recreation Committee for possible dedications. Any other residential subdivision creating five or more lots, and that proposes to pay a fee in lieu of dedicating land, shall also be reviewed by the Parks and Recreation Committee for possible dedications.*
  - *Land that is not suitable for recreation or wildlife habitat may not be counted toward fulfilling parkland dedication requirements.*
  - *Parkland dedications should be consistent with the following criteria:*

  - *Average slope should not exceed 10 percent;*
  - *Access to the site shall be adequate for the purpose of the community or neighborhood park;*
  - *The site shall not have significant topographic or environmental constraints that would render the site unsuitable for development.*
- *Riparian areas, wetlands, and forests shall be accepted for dedication only if it has been determined that the recreational needs of the area will be adequately met by other sites. Where such lands are accepted, development of parklands should recognize existing wildlife and habitat values and minimize the disturbance of riparian, wetland, and other wildlife habitats.*
- *The City shall maintain a schedule for the use of land and fees acquired pursuant to parkland dedication requirements, including mechanisms for tracking the receipt and expenditure of funds over a five-year period.*

Policy PR-2: Park Development and Maintenance

Objective. *Encourage appropriate and sustainable new park design and development and existing park maintenance.*

- ***PR-2a: Natural resource protection.*** *Protect natural areas and wildlife habitat within parks and open space land to the greatest extent feasible. Integrate recreational use in natural areas, where not in conflict, through appropriately designed trails, trailheads, and interpretive resources to achieve the community's desire for access.*
- ***PR-2b: Park & Recreation Master Plan.*** *Use the Park & Recreation Master Plan as a guide for the provision of parks and recreation in the City and implement the plan in a manner consistent with the Arcata General Plan. Periodically update the plan to reflect changes in the environment, economy, population, and land use and the unique needs of Arcata residents. Use Appendix B, Design and Development Guidelines for direction regarding the amenities and facilities to be provided for each park type.*
- ***PR-2c: Park system improvements****. Parks and recreation projects that provide desired levels of service and minimize energy and water use, sustain existing resources, improve maintenance efficiency, reduce life-cycle costs, and otherwise promote environmental sustainability should be given high priority. Park & Recreation Master Plan recommendations should be used as a guide for new park and trail development to meet community needs and as a guide to prioritize the renovation and rehabilitation of existing parks. In general, prioritize projects that:*
  - *Enhance sustainability;*
  - *Increase trail connectivity;*
  - *Improve park access;*
  - *Expand recreation opportunities;*
  - *Serve future growth areas;*
  - *Enhance natural areas;*
  - *Support community values and strengthens the community;*
  - *Utilize available funding; and*
  - *Encourage participation and recognition of partners for matching funds and volunteer efforts.*
- ***PR-2d: Active use amenities.*** *Provide active use resources in new parks to expand recreation opportunities in the City using the Park & Recreation Master Plan Appendix B, Design and Development Guidelines. Priority should be given to the redesign and integration of active use resources into the following existing neighborhood parks, where feasible:*
  - *Bloomfield Park*
  - *Cahill Park*
  - *Mountain View Park*
  - *Vinum Park*

- *Westwood Manor Park*
- *Windsong Park*

- ***PR-2e: Trail improvements.*** *Provide an interconnected, multi-purpose trail system with regional linkages that includes mountain bike, fitness, nature, and equestrian trails and that enhances individual mobility. Priority should be given to the following trail projects identified in the Parks & Recreation Master Plan:*
  - *Arcata Rail with Trail Corridor integrated with the Great Redwood Trail*
  - *Annie & Mary Rail-Trail*
  - *Hammond Trail*
  - *Aldergrove Open Space/Arcata Community Forest trail connection*
  - *Route 255 Connection*
  - *Baylands Trail*
  - *Arcata Ridge Trail – enhancements to existing trail segments connecting the Arcata Community Forest Tract and the Sunny Brae Forest*
  - *Jacoby Creek Forest Trails – Conduct planning with community partners and adjacent property owners to identify feasible public access opportunities for the future*
- ***PR-2f: Mobility and Accessibility.*** *Design new, and enhance existing, parks and recreation facilities to be inclusive for all community members, including people with cognitive and physical disabilities; multi-lingual/multi-cultural users; groups hosting events; teams; and seniors.*
- ***PR-2g: Maintenance best practices.*** *Use best management practices to ensure that parks are maintained at the desired levels of service. Prepare a Maintenance Management Plan and Natural Resource/Open Space Management Plan that reflects each facility's use, assigned maintenance tier, and level of service and that incorporates the anticipated lifecycle of facilities and projects and an appropriate reinvestment and replacement schedule.*
- ***PR-2h: Art in parks.*** *Integrate arts and cultural activities with City parkland through the implementation of the City of Arcata General Plan and the Strategic Arts Plan.*

Policy PR-3: Coordinated Open Space, Park and Recreational Facilities Planning and Use

Objective. *Undertake effective ongoing coordination between local and regional parks and natural resources agencies, community groups, and the private sector that enhances environmental sustainability and the availability of park and open space for Arcata residents.*

- ***PR-3a: Coordinated recreational use of Community Forests and Marsh & Wildlife Refuge.*** *Work with local and regional partners to protect and enhance the roles of the:*
  - *Arcata Marsh & Wildlife Refuge as an important regional natural and recreational area and as an essential component of the City's wastewater treatment plant; and*
  - *Arcata Community and Jacoby Creek Forests as a source of watershed protection, wildlife habitat, and sustainable timber harvesting to support City park acquisition, development, and maintenance.*
- ***PR-3b: Coordinated recreational use with schools and State/Federal Agencies****. Coordinate closely with community organizations, schools, Cal Poly Humboldt, the private sector, and local, state, and federal agencies in developing creative solutions for meeting recreation program and facility needs. Consider developing a formal partnership with the schools to maintain and program sports fields at school sites, in particular a formal partnership with Cal Poly Humboldt to address existing and potential increases in service demands for City parks and recreation facilities from planned increases in student enrollment, faculty, and other staff.*
- ***PR-3c: Use and management of indoor and athletic facilities, special recreation facilities and gathering areas****. Work with community groups, sports organizations, and other coalitions to define mutually compatible recreational facility needs and mechanisms for the operation, maintenance, and enhancement of these facilities.*

Policy OS-1 Overall Open Space System

Objective. *Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together wherever practical for habitat connectivity, managed for resource production, and maintained for enjoyment by City residents and visitors.*

Applicable sub-policies:

- ***OS-1d: Linkages between open space areas.*** *Open space links, especially in biological corridors and greenways, is important for wildlife migration, non-motorized vehicle transportation, and community recreation, and shall be encouraged. Trails along levees or adjacent to railroad tracks and street rights-of-way can serve as links to parks, open space, and natural areas. Easements shall also be considered as a lower cost alternative to preserving links between open space. The City shall preserve or create corridors in underserved areas, such as the Valley West neighborhood, to prepare for future linkages.*
- ***OS-1e: Appropriate uses and development limitations within open space lands.*** *Certain open space areas contain wetlands and other critical habitat and must be preserved in a natural condition and enhanced. Other areas can accommodate managed activities such as mining and timber harvesting, subject to sustainable yield policies RC-6 and RC-8 in the Resource Conservation & Management Element, while other areas shall be designated for interpretive and recreational use. Each designated open space area shall be evaluated by the appropriate City advisory board (e.g., Wetlands & Creeks, Forest Management Committee) to determine resources present, acceptable use levels, and appropriate management. Open space area management and use are guided by applicable Resource Conservation and Management and Land Use Element policies. Allow for the development of existing vacant and underutilized properties with low natural resource value as a strategy to permanently protect high resource value open space and provide high-quality open space.*
- ***OS-1f: Designation of lands with scenic, aesthetic, historic, and cultural value.*** *The City has locally-designated scenic routes, including Highway 101 and State Route 255 - Samoa Boulevard; vistas, including the forested slopes of Fickle Hill, the Arcata Bottoms; and areas of historic and cultural value, such as the Plaza. The open and natural characteristics of these areas shall be maintained. Policies for retaining scenic vistas and landscape features are included in the Design and Arcata Gateway Area Plan Elements.*
- ***OS-1i: Additional open space area identification and acquisition****. There are land parcels, including forested property on the west slopes of Fickle Hill, and lands around Arcata Bay which would contribute significantly to the City and regional open space systems. The City shall continue to pursue, or coordinate with land trusts, for acquisition, from willing sellers, to expand the amount of open space. Joint land acquisition funding will be coordinated with County, regional and state agencies. Community Forest acquisitions will continue to be a priority. Other acquisition priorities shall be based on capital, operation and maintenance costs, accessibility, resource preservation, ability to complete or enhance an existing open space linkage system and unique environmental features. Lands acquired outside of the City Limits should be annexed pursuant to the Growth Management Element.*

Resource Conservation and Management Element

Imp Measure RC-11. Explore Tribal Partnerships in Restoration Project Planning*. Explore opportunities for partnerships with the Wiyot Tribe and other Wiyot-Area Tribes when pursuing funding for habitat restoration within the City, and seek guidance from appropriate Tribal representatives as part of the habitat restoration planning process.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan

Police and Fire Protection

No relevant policies are specific to the Gateway Area Plan.

Schools

No relevant policies are specific to the Gateway Area Plan.

Parks and Recreation

Gateway Area (GA) Land Use Policies

Objective. *Establish an overall land use arrangement that promotes mixed-use, multi-story buildings with a clear emphasis on high-density housing that is equitable, environmentally sustainable, and compatible with the envisioned neighborhood character. Allow for a broad diversity of non-residential uses that support a pedestrian/bicycle-friendly environment, contribute to a car-free lifestyle, and meet the physical, social, and economic needs of residents.*

Gateway Area (GA) Community Benefit Policies

Objective. *Identify a range of supplemental community amenities that a development project could include but that is not inherently required (such as electric vehicle charging stations, affordable-by-design studio apartments, and murals). Ensure that these amenities improve the quality of life for community members. Allow applicants to incorporate such community benefits into proposed development projects in exchange for a streamlined, by-right approval process and increased development potential consistent with Table 6, Table 7, and Image 2.*

Community Benefits listed in Table 6 include Open Space: Creek daylighting, dedicated open space, open space fee program, community gardens, and related amenities that support trees, landscaped areas, open space, and public-use areas.

Gateway Area (GA) Open Space and Conservation Policies

Objective*. Establish an urban environment that enhances and complements stormwater management and the open space environment. open space system along streets and paths that enhance community interaction and compliment the urban environment. Promote public gathering, enjoyment, and active and passive use by a broad range of the community.*

Applicable sub-policies:

- ***GA-6a. Open Space Concept.*** *Provide for an integrated network for publicly accessible open space, including a new park site, consistent with the concept shown in Figure 7 and Table 8. The City shall actively encourage neighboring property owners to partner to develop Open Space over multiple sites.*
- ***GA-6b. Diversity of Open Space Types.*** *Provide for a range of open space types, including urban plazas, pocket parks, linear parks adjacent to creeks, natural open spaces.*
- ***GA-6c. Privately-owned Publicly Accessible Open Spaces.*** *Establish a series of privately-owned publicly accessible open spaces in the central area shown in Figure 7. Ensure that these spaces are:*
  1. *Linked together by safe and convenient bike/pedestrian facilities;*
  2. *Visible, accessible, and activated by ground floor uses including retail stores and restaurants; and*
  3. *Coordinated so that a variety of spaces are provided (courtyards, tot lot, a sculpture garden).*
  4. *Adequately maintained for public access and safety.*
- ***GA-6d. Linear Park with Daylighted Creek****. Establish a linear park with passive recreational amenities adjacent to daylighted and restored segments of Jolly Giant Creek.*

- ***GA-6e. Bike/ped Connections****. Establish new off-street bike/ped connections to connect open spaces and activity centers in the Gateway area. Enhance connections between the Plan Area and parks and open space destinations near to the Plan Area, such as Arcata Plaza, Shay Park, and Arcata Marsh.*
- ***GA-6f. Public Plaza in Southwest Industrial Area****. Establish a new public open space or plaza in the Barrel District that provides formal public space within the Barrel District that functions as a vibrant, pedestrian-scale open space serving both as a neighborhood gathering space and a regional draw. Design a space of similar size and quality to, but entirely distinctive from, the existing Arcata Plaza.*
- ***GA-6g. Wetland Areas.*** *Maintain a no net loss standard but allow for passive recreational uses within and around wetland area in southwestern Gateway Area. Provide for bicycle and pedestrian connections to this area from other Plan Area locations. Enhance and restore wetland functions where feasible. Use mitigation and restoration together to consolidate scattered low-quality wetlands into larger higher quality wetland complexes through the Community Benefits Program.*

  Jolly Giant Creek. Require the restoration and enhancement of the Jolly Giant Creek north of 11th Street. Encourage the daylighting of creek segments south of 11th Street as part of new development projects. Consider additional opportunities for daylighting Jolly Giant Creek, especially along 10th Street, including bridges, road closures, and other alternatives to expose more open creek miles.

Municipal Code and Land Use Code

The Municipal Code is a codification of prior enacted ordinances. The following are relevant to public services and recreation. Municipal Code Title IX is Planning and Zoning and contains Chapter 1 the Planning and Zoning Standards, which are also referred to as the Land Use Code and the Land Use and Development Guide or the Coastal Zoning Ordinance. The Land Use Code was adopted by the City Council by Ordinance 1377 in 2008. It includes regulations related to site development, resource managing, and other land use procedures and processes. The following regulations are relevant to public services and recreation.

Fire Protection

Sec. 3100 Adoption of fire protection system.

All fire protection and prevention duties, except those hereinafter mentioned, within the City of Arcata have been and continue to be the responsibility of the Arcata Fire Protection District.

9.34.060 Landscape Standards

A. Landscape design. The required landscape plan shall be designed to integrate all elements of the project to achieve desired aesthetic objectives, accommodate microclimates, and minimize water and energy demand.

(1) Plant selection and grouping. Plant materials shall be selected for adaptability to the site, non-invasiveness, color, form, and pattern; adhere to xeriscaping concepts; ability to provide shade; and soil retention capability.

b. Fire prevention shall be addressed on sites in any wooded or vegetated area of the City identified by the Fire Department as being fire prone, by providing fire-resistant landscaping buffers between development areas and naturally vegetated areas, as identified by the Director.

9.88.030 Subdivision Design and Improvement Standards

This Section establishes standards for the design and layout of subdivisions, and the design, construction or installation of public improvements within subdivisions. These standards are intended to ensure, through careful site evaluation and design, the creation of new usable parcels that are consistent with the General Plan and any applicable specific plan. These standards apply to all proposed subdivisions as noted, except as otherwise provided by Section 9.88.032 (Subdivision Design and Improvement Standards - Special Residential Subdivisions)

K. Public facilities and utilities.

2. Fire hydrants. The subdivider shall install fire hydrants of sizes and at locations approved by the Fire Chief and the City Engineer.

Police Protection

9.30.050 Noise Standards

A. Purpose. This Section implements the policies of the Noise Element of the General Plan, and provides standards for noise mitigation that are intended to protect the community health, safety, and general welfare by limiting exposure to the unhealthful effects of noise.

B. Applicability. No use, activity, or process shall exceed the maximum allowable noise levels established by this Section, except for the following noise sources:

(2) Emergencies. Public safety warning devices (e.g., ambulance, fire, and police sirens), sound for alerting persons to the existence of an emergency, or the performance of authorized emergency work.

Schools

9.28.070 Planned Development (:PD) Combining Zone

D. Land Use and Development Standards. Proposed development within the :PD combining zone shall comply with the land use activity requirements of the primary zoning district, and all other applicable provisions of this Land Use Code, except to the extent modified by the approved Planned Development Permit, and except as follows.

(3) Bike and pedestrian facilities. In addition to any required open space land, the project developer shall dedicate land for bicycle and pedestrian route facilities if the project is adjacent to or contains a proposed route in the adopted Pedestrian and Bicycle Master Plan or in the Transportation Element of the General Plan.

c. Where practical, the bicycle and pedestrian route facilities shall provide access to a neighboring school, playground, shopping area, or other community facility, or to an adjacent street which, in the determination of the Planning Commission, is suitable for bicycle and/or pedestrian traffic.

9.30.050 Noise Standards

F. Acoustical analysis. Where the Director determines that a proposed project is a noise sensitive land use (such as hospitals, schools, and health care facilities), or may generate noise in excess of any limit established by Tables 3-2 or 3-3, and/or where the use may generate noise in outdoor areas in excess of 60 dBA, the planning permit application for the use shall include an acoustical analysis, which shall:

(1) Be the financial responsibility of the applicant;

(2) Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics;

(3) Include noise level measurements, with sufficient sampling periods and locations, to adequately describe local conditions and the predominant noise sources;

(4) Estimate existing and projected cumulative (20-year) noise levels in terms of Ldn or CNEL and/or the standards of Table 3-2, and compare those levels to the requirements of this Section and the policies of the Noise Element;

(5) Recommend appropriate mitigation to achieve compliance with this Section and the policies and standards of the Noise Element, giving preference to proper site planning and design over mitigation measures which require the construction of noise barriers or structural modifications to buildings that contain noise-sensitive land uses;

(6) Estimate noise exposure after prescribed mitigation measures are implemented; and

(7) Describe a post-project assessment program that may be used to evaluate the effectiveness of the proposed mitigation measures.

9.40.030 Specific Regulations

The following specific regulations apply to sex-oriented businesses.

A. Specified distance separation requirements. Notwithstanding Section 9.40.020, no sex-oriented business shall be established or located:

(8) Within 500 feet from any existing park, playground, religious facility, or school.

9.44.060 Facility Design and Development Standards

Each proposed telecommunication facility shall comply with all of the following standards.

A. Facility placement.

(3) A telecommunication facility shall be at least 1000 feet from any residence, and shall be at least 1,500 feet from any historic district, school, or hospital.

Parks and Recreation

Sec. 2231. Creation, Powers and Duties.

The Parks and Recreation Committee is hereby created. Its powers and duties shall be:

A. To serve in an advisory capacity to the Council, Commissions, or City staff, as appropriate, on matters pertaining to public recreation, parklands and related facilities.

B. To serve in an advisory capacity to the Council and City staff on matters pertaining to art, literature, music, theatre, and other related activities.

C. To recommend to the Council and City staff the acceptance or rejection of offers of donations of money, personal property and real property to be used for recreation, cultural arts, or parkland purposes.

D. To serve in an advisory capacity to the Council and City staff with respect to the establishment of user/rental fee schedules for parks, sports fields and public facilities.

E. To resolve differences and seek solutions to scheduling and use conflicts of City recreational facilities.

F. To establish rules and regulations for use and improvement of public parklands, recreation areas, community gardens, squares, and grounds, including playgrounds, concessions and recreational and related facilities and programs installed and maintained therein.

G. To serve in an advisory capacity to the Council and City staff with respect to policies for the acquisition, development and improvement of parklands and recreational areas.

H. To recommend to the Council a comprehensive recreation and parkland use program based on the needs and interest of the community to assure and stimulate public interest, and to solicit to the fullest extent the cooperation of schools, local youth and public and private agencies.

I. To provide recommendations to the Council, Commissions or City staff as appropriate for promotion of sustainable urban agriculture. (Ord. 1352, eff, 5/20/2005; Ord. 1367, eff. 1/18/2008; Ord. 1505, eff. 6/15/2018)

Sec. 2685 Findings and Purposes.

A. On November 3, 2020, Arcata residents adopted the Open Space, Parks, and Trails Special Tax measure by two-thirds vote of the voters voting on the ballot measure.

B. The Open Space, Parks, and Trails Special Tax is imposed for revenue raising purposes to fund improvements to and maintenance of City owned parks, open spaces, trails, forests and other working lands; and to expand public access and trail systems on City-owned and other public access properties.

C. The Open Space, Parks, and Trails Special Tax is imposed on each parcel in the City for the availability of City-owned parks, forests, open spaces, and trails to be used by City property owners.

D. This Article is enacted in accordance with the authority granted by Government Code Sections 37100.5 and 50075. (Res. 190-68, eff. 11/3/2020)

9.70.050 Recreation Fee for New Construction

A. Title. This Section may be cited as the "Arcata Recreation Fee for New Construction Ordinance."

B. Purpose. The fee imposed under this Section is solely for the purpose of raising revenue for park acquisition and improvements. This Section is not enacted for regulatory purposes. This Section is intended to supplement the Park Land Dedication procedure in the Subdivision Ordinance (see Section 9.86.030), and it is applicable only for projects not subject to parkland in lieu requirements.

C. Imposition of Fee. The Recreation Fee, at the rates identified in the City's Fee Schedule, is hereby imposed upon every person who constructs, or causes to be constructed, any residential, commercial, or industrial structure or portion thereof, including any mobile home pad, in the City, in which a person has an equity, title, or other interest either as owner, lessee, or otherwise.

D. Fee Rates. The fee rates on residential, commercial, or industrial construction, including the construction of mobile home pads, imposed under this Section shall be identified in the City's Fee Schedule. The fee rate for residential, commercial, or industrial units shall be based on the valuation of the units being constructed.

E. Time of Payment. The amount of fee imposed for the construction of any residential, commercial, or industrial structure, or portion thereof, shall be due and payable at the time a Building Permit is issued authorizing construction, and the amount of fee imposed for the construction of any mobile home pad shall be due and payable at the time a permit is issued to construct and install electrical or plumbing equipment to service the mobile home pad (whichever permit is issued first).

F. Refund. There shall be a refund of the fee in the event the Building Permit expires, or is revoked, before the facilities for which it was issued are constructed or installed.

G. Place of Payment. Fees imposed by this Section shall be paid to the City's Building Official at the office of the City's Building Division.

H. Exemptions. The fee imposed by this Section shall not apply to the following:

(1) Governmental Agencies. The City, the United States, or any agency or instrumentality thereof, the State or any county, city and county, district, or any political subdivision of the State, or any other governmental agency.

(2) Remodeling/Alteration. Remodeling and/or alteration of a structure, without adding any additional residential units, but only if the total floor area is not increased.

(3) Involuntarily Damaged or Destroyed. Reconstruction of a structure which was involuntarily damaged or destroyed by earthquake, fire, flood, or other cause over which the owner had no control (provided that compliance with any Building Code or other ordinance requirement of the City or of any other applicable law shall not be deemed a cause over which the owner has no control), but only if the total floor area in the structure is not increased. If the total floor area is increased, the Recreation Fee shall be imposed only upon the increased floor area.

(4) Park Land/Fee Payment. Construction of dwelling units on parcels which were part of a subdivision for which park land, or fee payment in lieu, has been dedicated to the City in

compliance with the Park Land Dedication procedure contained in the Subdivision Ordinance (see Section 9.86.030).

I. Use of fee revenue. All of the fees collected by this Section shall be expended for the acquisition, alteration, construction, enlargement, furnishing, modification, reconstruction, remodeling, renovation, replacement, and/or re-furnishing of the following improvements:

(1) City public park, playground, and recreation facilities. City public park, playground, and recreation facilities, including land and interests in land, baseball grounds, basketball, tennis, and volleyball courts, children's play areas, community center structures, recreation structures, sprinkler systems, swimming pools, turf, trails and other facilities, properties, structures, and works necessary or convenient for public park, playground, and recreation purposes; and also including any of the above-described facilities constructed or installed within or upon any public playground for recreation purposes.

(2) City maintenance yards. City maintenance yards for park, playground, and recreation facilities, including land and interests in land, structures, and other structures or works necessary or convenient for the maintenance of the City's parks, playgrounds, and recreation facilities.

J. Fee construction fund. For the purposes identified above, all fees collected by this Section shall be placed in a special construction fund which is hereby created and which shall establish and keep the accounts as may be necessary to account for and control the expenditure of revenues in compliance with this Section.

Section 9.86.030 Park Land Dedication and Fees

A. Purpose. This Section provides for the dedication of land and/or the payment of fees to the City for park and recreational purposes as a condition of the approval of a Tentative Map. This Section is enacted as authorized by the provisions of Chapter 4, Article 3 of the Map Act, also known as the "Quimby Act," and as prescribed through the Parks and Recreation Element of the General Plan.

B. Applicability.

(1) Land dedication and/or fee payment required. As a condition of Tentative Map approval, the subdivider shall dedicate land and/or pay a fee, at the option of the City, in compliance with this Section for the purpose of developing new, or rehabilitating existing park or recreation facilities to serve the subdivision.

(2) Exemptions. The provisions of this Section do not apply to industrial or commercial subdivisions, condominium projects or stock cooperatives which consist of the subdivision of airspace in an existing apartment building which is more than five years old when no new dwelling units are added, or to any other subdivision exempted by Map Act Section 66477.

C. Review authority. The review authority for determinations required by this Section shall be the same as that assigned by Section 9.80.060 for the type of subdivision being processed. When the review authority considers a Tentative Map for a residential subdivision of 51 or more parcels, or a residential subdivision of five or more parcels that includes a proposal to dedicate parkland, the matter shall first be referred to the Parks and Recreation Committee for a recommendation to the review authority as to whether the proposed dedication conforms to the Parks and Recreation Element of the General Plan, and any other applicable City plan.

D. Amount of parkland required.

(1) General standard. It is found and determined that the public interest, convenience, health, welfare, and safety require that five acres of property for each 1,000 persons residing within this City be devoted to neighborhood and community park and recreational purposes.

(2) Dedication requirement for residential subdivisions. The amount of contiguous acreage required to be dedicated by a residential subdivider for park and recreational purposes shall be based upon the number of dwelling units proposed in the subdivision. The required dedication shall be computed using the following formula:

X = .005(U)(P)

Where:

X = Amount of parkland required, in acres.

U = Total number of approved new dwelling units in the subdivision. In the case of a subdivision in a zone that allows multiple dwellings per lot, the number of units shall be the maximum allowed by the zone unless the total number is limited to a specific number by condition of approval or other City requirement.

P = Average number of persons per dwelling unit within the City, from the most recent Federal census.

In addition, the subdivider shall, without credit, provide improvements in compliance with Subsection H.

E. Formula for fees in lieu of land. If the review authority determines that:

(1) If the entire parkland obligation for a proposed residential subdivision is not satisfied by dedication in compliance with Subsection D. above, the subdivider shall pay a fee to the City in lieu of dedication, as a condition of Tentative Map approval. The fee shall equal the acreage of parkland obligation derived from the formula in Subsection D., less the amount of parkland, if any, offered for dedication by the subdivider and accepted by the City, times the average per-acre fair market value per buildable acre for the appropriate park planning area, plus 20 percent toward the cost of off-site improvements (e.g., utility line extensions).

(2) For purposes of determining the required fee, the term "fair market value" shall be based upon an appraisal within the past 12 months, and approved by the Council, immediately prior the receipt of the Final Map by the Council. The subdivider shall notify the City of the expected submittal date of the Final Map at least twelve weeks prior to the submittal of the Final Map to the Department, to permit the City to select a certified land appraiser and carry out the appraisal. The subdivider shall pay the City's costs for an independent appraiser.

(3) If the subdivider or City staff object to the valuation, they may appeal the determination in compliance with Chapter 9.76 (Appeals); provided that the burden of proof on all issues shall lie with the subdivider.

F. Fees only. Only the payment of fees shall be required in subdivisions of 50 parcels or less, except that when a condominium project, stock cooperative, or community apartment project exceeds 50 dwelling units, dedication of land may be required even though the number of actual parcels may be less than 50.

G. Criteria for requiring dedication and fees. In a subdivision of 51 or more parcels, the City may require the subdivider to dedicate both land and pay a fee, as follows:

(1) Determination of land or fee. Whether the City accepts land dedication or elects to require payment of a fee in lieu thereof, or a combination of both, shall be determined by consideration of the following:

d. The General Plan, and the compatibility of dedication with the General Plan;

e. Topography, geology, access, size, shape and the location of land in the subdivision available for dedication;

f. Feasibility of dedication; and

g. Availability of existing park property.

(2) Procedure for determining land or fee. The review authority shall determine whether the subdivider shall dedicate land, pay in-lieu fees, or provide a combination of both, at the time of Tentative Map approval. The determination of the review authority shall be based on a report and recommendation from the Director, and a recommendation from the Parks and Recreation Committee. The recommendations and the action of the review authority shall consider the factors in Subsection G.1 above, and shall include the following:

a. The amount of land required;

b. Whether a fee shall be charged in lieu of land;

c. Whether land and a fee shall be required;

d. The location and suitability of the park land to be dedicated or use of in-lieu fees; and

e. The approximate time when development of the park or recreation facility shall commence.

The determination of the City as to whether land shall be dedicated, or whether a fee shall be charged, or a combination thereof, shall be final and conclusive.

(3) Land and fees. A requirement for both land dedication and fee payment shall comply with the following standards.

a. When only a portion of the land to be subdivided is proposed in the General Plan or applicable specific plan as the site for a local park, that portion shall be dedicated for local park purposes, and a fee computed as provided by Subsection E. shall be paid for any additional land that would have been required to be dedicated by Subsection D.

b. When a major part of the local park or recreational site has been acquired by the City and only a small portion of land is needed from the subdivision to complete the site, the remaining portion shall be dedicated, and a fee computed as provided by Subsection E. shall be paid in an amount equal to the value of the land that would otherwise have been required to be dedicated by Subsection D. The fees shall be used for the improvement of existing City parks or recreational facilities serving the community, with consideration for parks and facilities impacted by the subdivision.

(4) Credit for improvements. The cost of park and recreational improvements and equipment provided by the developer on the dedicated land shall be a credit against the required dedication of land or fees. Off-site improvements shall not be credited. The park and recreation improvements and equipment shall be approved by the Parks and Recreation Committee prior to any credit being reviewed and/or granted.

(5) Credit for private recreation facilities. A subdivider may be credited for the provision of private recreation facilities within the subdivision, as follows.

c. Eligibility. Subdivisions meeting either of the following criteria shall be eligible to receive credit for private recreation facilities:

1. In compliance with Government Code Section 66477, the subdivision involves a planned development, real estate development, stock cooperative, or community apartment project, as defined in Business and Professions Code Sections 11003, 11003.1, 11003.2, 11003.4 and 11004, respectively; and condominiums, as defined in Civil Code Section 783; or

2. Where the review authority determines that proposed private recreation facilities are in the best interest of the City, not necessarily the subdivision, based on a recommendation from the Parks and Recreation Committee.

d. Amount of credit. The maximum amount of credit considered for private recreation facilities (improvements) shall be 50 percent of the land or fees specified in compliance with this

Section. The amount of credit shall be determined by the review authority based on a recommendation from the Parks and Recreation Committee.

e. Characteristics of private recreation facilities given credit. Private recreation facilities shall be accepted for credit only if the review authority determines that they will meet the requirements of the Parks and Recreation Element of the General Plan, and any other applicable City plans. All private recreation facility improvements receiving credit shall be recorded on the Final Map and maintained in a safe and operable condition for the duration of the development.

H. Improvement requirements. When land is required to be dedicated in compliance with this Section, the subdivider shall provide the following improvements prior to the acceptance of the dedication by the City. These improvements shall not be credited toward any required in-lieu fees.

(1) Full street improvements and utility connections including, but not limited to, curbs, gutters, street paving, traffic control/calming devices, street trees, sidewalks, and lighting;

(2) Fencing along property lines of portions of the subdivision contiguous to the dedicated land, where required by the review authority;

(3) Improved drainage through the site; and

(4) Other minimal improvements which the review authority determines to be essential to the acceptance of the land for recreational purposes.

The Council reserves the right to accept the improvements prior to agreeing to accept the dedication of land and to require in-lieu fee payments if the Council determines that the improvements are unacceptable.

I. Conveyance of land, payment of fees.

(1) Land. Real property being dedicated for park purposes shall be conveyed by the Parcel or Final Map in fee simple absolute, to the City by the subdivider, free and clear of all encumbrances except those which, in the opinion of City Attorney, will not interfere with use of the property for park and recreational purposes, and which the Council agrees to accept. The subdivider shall provide all fees and instruments required to convey the land, and title insurance approved by the City Attorney in favor of the City in an amount equal to the value of the land.

(2) Fees. The amount of required fees shall be deposited with the City at the time of submittal of a Parcel or Final Map. The City Treasurer shall deposit the fees into the Subdivision Park Trust Fund, or its equivalent.

a. Timing of payment. Fees required in compliance with this Section shall be paid to the City prior to Parcel Map or Final Map recordation.

b. Use of funds. The money collected in compliance with this Section, including accrued interest, shall be used only for the purpose of acquiring necessary land, developing new or rehabilitating existing park or recreational facilities, or related improvements, in the manner specified in the Parks and Recreation Element of the General Plan.

c. Distribution of unused fees. Fees not used within five years in accordance with Map Act Section 66477, less an administrative charge, shall be distributed and paid to the then record owners of the subdivision in the same proportion that the size of their lot bears to the total area of all lots in the subdivision.

d. Annual report. As part of the City's budget, the Finance Director shall report to the Council at least annually on income, expenditures, and status of the Subdivision Park Trust Fund.

e. Facility development schedule. As specified in the Parks and Recreation Element of the General Plan, the City shall develop and maintain a schedule in compliance with Government Code Section 66477, specifying how, why, when, and where it will use the

land or fees, or both, to develop park or recreational facilities to serve residents of the subdivision.

Public Facilities

9.86.040 Reservations of Land for Public Facilities

As a condition of approval of a Tentative Map, the City may require the subdivider to reserve sites appropriate in area and location for fire stations, libraries or other public uses, pay an in-lieu fee or both at the option of the City in compliance with this Section.

A. Standards for reservation of land.

(1) Location of land. Where a fire station, library, or other public use is shown in the General Plan or applicable Specific Plan, the subdivider may be required by the City to reserve sites as determined by the City in compliance with the standards in the applicable plan.

(2) Configuration. The reserved area shall be of a size and shape that will permit the balance of the property to develop in an orderly and efficient manner. The amount of land to be reserved shall not make development of the remaining land held by the subdivider economically unfeasible. The land to be reserved shall be in multiples of streets and parcels that will permit an efficient division of the reserved area if it is not acquired within the period determined by Subsection B.

B. Procedure for reservation of land. The public agency for whose benefit an area has been reserved shall at the time of approval of the Parcel or Final Map enter into a binding agreement with the subdivider to acquire the reserved area within two years after the completion and acceptance of all improvements, unless a longer time is authorized by mutual agreement.

C. Purchase price of reserved land. The purchase price shall be the market value of the land at the time the Tentative Map is filed, plus the property taxes against the reserved area from the date of the reservation, and any other costs incurred by the subdivider in maintaining the reserved area, including interest costs incurred on any loan covering the reserved area.

D. Termination of reservation. If the public agency for whose benefit an area has been reserved does not enter into a binding agreement as described in Subsection B. (Procedure for Reservation of Land), the reservation shall automatically terminate.

City of Arcata Local Coastal Program

The City of Arcata Local Coastal Program was certified by the California Coastal Commission on October 10, 1989. The City of Arcata Local Coastal Program includes policy restrictions on siting critical facilities (such as fire and police stations) in hazardous areas (Policy H-2 and H-4). No policies are specifically relevant to schools. The following policy recommendations are relevant to recreation:

Recreation and Visitor-Serving Facilities Policy Recommendations

- ***B-1*** *The City shall maintain the Natural Resource Protection designation on all tidelands and water areas of Arcata Bay, and identify these areas as passive use recreational areas. The Arcata Bay tidelands shall also be designated Natural Resource Protection.*
- ***B-2*** *The City shall designate the area encompassed by the Arcata Marsh and Wildlife Sanctuary as Natural Resource Protection, and identify the recreational component of the project as a passive use recreational area.*
- ***B-3*** *The City shall encourage the continued use of the tideland for scientific and educational studies.*
- ***B-4*** *The City shall maintain the existing facilities of the Arcata Marsh and Wildlife Sanctuary and construct new facilities consistent with the plan developed by the Marsh Task Force or its equivalent and adopted by the City Council.*
- ***B-5*** *The City shall develop the community park area bounded by Highway 101, Samoa Boulevard, 7th Street, and Union Street as an active use recreational area.*

- ***B-6*** *The City shall designate the floodplain along McDaniel Slough north of Samoa Boulevard and south of 11th Street as park land and identify this area as a passive use recreational area.*
- ***B-7*** *The City shall encourage the retention and expansion of commercial visitor serving facilities along Samoa Boulevard within the General Commercial zoning district, and along South "G" Street and South "I" Street in the Industrial Commercial zoning district.*
- ***B-8*** *The City shall identify Samoa Boulevard, a State Highway, as a community entry way and seek funding to develop a specific public improvement program between the highway overpass and "K" Street that provides for consistent landscaping, street furniture, and directional signing.*
- ***B-9*** *The City shall maintain the Boat Basin at its current design level of use.*
- ***B-10*** *The City shall seek funding to establish interpretative sites along the Arcata Bay shore including a Nature Center and Wildlife Center to serve as an educational focal point for Arcata's natural resource areas.*

Agriculture Policy Recommendations

- ***G-5*** *Private and public non-vehicular recreational activities such as hiking, riding, fishing, hunting, and other recreational activities which do not require permanent structures, facilities, or foundations may be permitted in the Agricultural Exclusive zone if they do not interfere with adjacent agricultural uses or limit potential of the site to return to agricultural use or significantly displace the wildlife utilizing the area, especially in seasonal wetlands. This recommendation shall be implemented in the Coastal Land Use and Development Guide.*

2010 Parks & Recreation Master Plan

The Parks and Recreation Master Plan is a planning and feasibility document that includes a comprehensive assessment of community recreation needs (City of Arcata 2010). The Parks and Recreation Master Plan includes a series of maps to characterize service areas for parks facilities and areas with identified needs and recommendations for actions. The Plan also includes recommendations to update the City ADA Transition Plan for parks and recreation facilities and to incorporate universal design principals into all master planning efforts. The Plan is used to guide and inform planning; however, is not a regulatory document.

3.10.4 Evaluation Criteria and Significance Thresholds

Under criteria provided in Appendix G of the CEQA Guidelines, adoption and implementation of the proposed Arcata General Plan 2045 would be considered to have a significant impact on public services and recreational resources if it would result in any of the following:

– Substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for:
  1. fire protection,
  2. police protection,
  3. schools,
  4. parks,
  5. and/or other public facilities;
– Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated; or
– Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment.

In terms of “other public facilities,” such facilities include libraries and facilities that serve the public, as listed in Section 3.10.2 (Setting). Impacts related to these facilities are discussed in this section under Impact PS-1e. For

the purposes of this Section, public facilities do not include stormwater, water, wastewater, and soil waste facilities. Impacts related to public stormwater facilities are addressed in Section 5.5 (Hydrology and Water Quality), and impacts related to public wastewater, water, and solid waste facilities are discussed in Section 3.12 (Utilities and Service Systems).

The following sections describe the anticipated environmental impacts on public services and recreational resources due to the adoption and implementation of the proposed General Plan 2045.

3.10.5 Methodology

The impact analysis included in this section is based on geospatial data, interviews with police and fire personnel, school enrollment and facility capacity data from local school district staff, and other information collected from the City of Arcata. The evaluation considers whether the adoption and implementation of the General Plan 2045, and the associated full buildout and increased population, would affect the City's existing public services and recreational facilities by affecting the current service ratios, response times, and/or level of service.

3.10.6 Impacts and Mitigation Measures

Impact PSR-a1: **Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection?**

In 2022, Arcata Fire Protection District (AFPD) responded to approximately 3,750 calls within the District. Of those calls, 1,747 were within the City limits; In the past five years, the Fire District has responded to an average of approximately 1,678 calls annually within the City limits. The General Plan 2045 assumes modest annual growth up to 27,000 people and 4,143 dwelling units by 2045. The increase in population could result in a proportional increase in calls for service. In a Notice of Preparation Comment letter from AFPD, the Fire Chief wrote that the additional residential units and population anticipated is likely to exceed the capacity of the District to ensure safe and effective response.

Both the City and AFPD do not have an established level of service expected for fire protection services. National Fire Protection Association (NFPA) standards are not used as level of service thresholds locally as they are generally not realistically obtainable for this region (personal communication, Justin McDonald). No urban fire protection service providers in Humboldt County meet all NFPA standards for staffing or response times. NFPA 1710 standards for recommended deployment are listed in Table 3.10-7 along with typical local expectations for the number of fire suppression staff on the scene of a fire. To achieve the needed personnel, AFPD must rely on mutual aid (support from other fire departments).

Table 3.10-7: NFPA 1710 Deployment Models and Common Local Deployment Strategy

Critical Task	NFPA 1710 Needed Personnel	Common Local Deployment	Common Local Automatic Aid Deployment
Single Family Dwelling		**Residential Structure Fire**	
Command	1	1	1
Pump Operator	1	2	
Fire Attack	2	2	
Backup	2	2	
Search	2		2
Ventilation	2		2
Rapid Intervention Crew	4		3
Total	***14***	***15***	
Garden Style Apartment/Strip Mall		**Commercial Structure Fire**	
Command	1	1	
Fire Attack (3 teams)	6	2	3
Backup	3	2	
Pump Operator (2 pumps)	2	2	
Search (2 teams)	4		4
Ventilation (2 teams)	4		4
Rapid Intervention Crew	4		4
Safety	1		1
Total	***25***	***23***	
High-Rise		**High-Rise**	
Command, Supervisor, Interior Staging Officer	7	7	16
Fire Attack	4		
Hose Team Floor Above	2		
Pump Operator	1		
Search	4		
Ventilation	4		
Rapid Intervention Crew, Evacuation	8		
Safety, Elevator Control, Lobby Control	3		
Rehab, Equipment Transfer, External Staging	5		
Total	**38**	**23**	

Source: Personal communication, Justin McDonald

Call-Population Ratios

AFPD has documented an approximate 50% increase in calls for service within the City limits since 2004. Calls have increased approximately 22-26% every five years since 2008, based on a five-year average between 2008-2012, 2013-2017, and 2018-2022 (Table 3.10-2). Based on historic trends per capita and an assumed population of 27,000 in 2045, it is projected that there could be an increase of 900-3,300 service calls annually by 2045. The City and AFPD do not have an established level of service based on ratios of calls per population. Therefore, it is unknown at this time if an increase in population alone would require the construction of new fire protection facilities. Given the wide range in projected increases based on differing data sources, other factors described below better inform the need for new or renovated facilities.

Staff Training

AFPD has maintained a full-time equivalent career staff of approximately 20 firefighters and 3-4 chiefs since 2012. Between 2020-2022, career staffing decreased to 2 chiefs and under 20 firefighters. This Draft EIR does not address staff skills or training as those have no bearing on requirements for new government facilities. AFPD utilizes local and regional training facilities and will not need a new standalone training facility.

Facility Capacity

Population growth induced by the General Plan 2045 could require additional fire response vehicles and staff, requiring covered parking and living space. AFPD currently operates out of three fire stations; two located within the City and one in McKinleyville. Each of the three stations currently contain up to three fire engines. AFPD currently does not have a ladder truck, though some types of 100-foot ladder trucks could fit within existing facilities at the Mad River and McKinleyville stations. In the past, a 100-foot rear mounted ladder truck was parked at the Mad River station. Typically, six firefighters are on duty each shift. Based on the dormitory spaces at each station, AFPD could have 11 firefighters on duty each shift. Therefore, the existing stations have adequate capacity for additional equipment and approximately 50% more on-duty staff. Altered or new government facilities would not be required based on facility capacity for equipment and personnel.

Response Times

Response times are calculated based on time it takes for the fire crew to travel from the station to the location of the emergency. AFPD utilize heat maps as one method to confirm the adequacy of their station location. Heat maps show areas where a higher frequency of calls occur. Based on heat maps from recent years, the three existing stations continue to be located in adequate areas for current call distributions (personal communication, Justin McDonald). Because of the infill growth pattern promoted by the General Plan 2045, little or no expansion of City limit is expected. Additionally, since the City limits are within AFPD's current response area, the geographic extent of the response area within the study area remains the same and the locations of the fire stations remain adequate. Therefore, response times are not anticipated to increase based on call distance from the station.

Response times can also be calculated based on the time it takes for fire personnel to travel to the emergency location from their current location. If they are attending to another emergency call, this could be a location closer to or farther than the station. Because the increase in population could increase calls for service, response times could increase as fire crews are busier. Additionally, traffic flows and patterns could change, further slowing response times. The construction of a new station could be warranted if call volume and distribution change significantly due to development patterns and population growth. These changes would happen slowly over the 20-year planning horizon, enabling AFPD to monitor changes and respond as needed.

The following policies from the General Plan 2045 Public Safety Element would reduce impacts related to fire protection access and response:

- ***PS-1e: Development & design standards for emergency response****. New and renovated structures, as well as streets, driveways, and alleyways, shall be designed to provide adequate entry and exit by emergency vehicles and personnel. This includes visible street numbering, emergency vehicle turn-arounds, accessible building entry points and stairways, lighting, and interior evacuation routes.*
- ***PS-5b: Review of development for fire safety****. The Arcata Fire Protection District (District) reviews new development for compliance with fire safety standards. The City shall continue to incorporate review by the District to ensure that buildings and sites adhere to relevant fire and building codes, including sprinklers, vertical clearance, and turn-around space for fire fighting vehicles*

Based on the discussion above, impacts to response times may potentially warrant the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts. The potential environmental impacts of constructing and operating the facilities would likely be similar to those associated with new development, infill, redevelopment, and infrastructure projects under the General Plan 2045. It is expected that new facilities would be located within infill or previously developed areas inside the City limits. Construction would require adherence to all applicable building and zoning codes and additional CEQA review to analyze project and location specific impacts. Environmental impacts of constructing and operating the government facilities would likely be similar to those impacts associated with new development and infill projects as identified elsewhere in this Draft EIR. As such, impacts associated with the adoption and implementation of General Plan 2045 to police protection services would be less than significant.

While AFPD may not have adequate staff, training, or equipment to serve the full buildout of the General Plan 2045, those have been determined to not result in the need for renovated or new facilities because no new training facilities are needed, and current facilities could accommodate additional staff and equipment. AFPD's existing facilities will remain sufficient to adequately serve the 2045 projected population within its existing service area based on staffing levels, equipment needs, and response times from existing stations.

The adoption and implementation of the General Plan 2045 may result in an increase in the number of calls for service, placing a greater demand on fire protection services. In order to maintain current response rates, a new facility or substation may be required if call volume increases and call distribution changes significantly. The City and AFPD would need to continue monitoring and review call volumes, call distributions, and response times to determine adequate level of service or if a new facility should be constructed. The growth anticipated in the General Plan 2045 could potentially result in the need for new or expanded fire protection facilities. The exact location and extent of facility improvements or expansion is not known at this time and would likely be based on future call distribution in order to most effectively serve the community. AFPD would be required to address the potential environmental impacts of the development of additional or expanded fire facilities at that time. As a programmatic, policy-level analysis, the adoption and implementation of General Plan 2045 would not result in significant environmental impacts caused from the alteration and construction of fire protection facilities to maintain acceptable service ratios and response times. Impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PSR-a2: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection?

The General Plan 2045 projects the population to increase from approximately 18,875 (year 2020 estimate) to up to 27,000 residents by the end of the planning horizon. Future regional growth within the study area would result in increased demand for police services. APD and the City do not have an established level of service for police protection.

Staffing and Facility Capacity

Over the past five years, APD has had between 19-29 officers (Table 3.10-3). APD is currently budgeted at 29 sworn positions, therefore, has an identified need for current service ratio of approximately 1.5 personnel / officers to 1,000 residents. The national average for cities between 10,000-24,999 in population is 1.9 officers per 1000 residents. With the addition of an estimated 8,250 residents, the service ratio would be reduced to approximately 1.1 officers per 1,000 residents, based on APD's current employment target. If APD were to maintain the current ratio, it would require a staff of 40 officers by 2045.

APD's existing facility has long been identified as too small and missing features that strengthen a police department such as secure parking, modern interview rooms, etc. This space has historically accommodated 29 officers. However, based on recent communications with Police Chief Brian Ahearn, their current facilities continue to have limitations that affect operations such as insufficient office space, limited equipment and evidence storage facilities, as well as other site access, safety, and health considerations. Because there are several ways to accommodate a growing Department such as distributed substations or additions / alterations to the current site police department facility and vehicle planning should be consider each 5-year increment of this planning horizon.

Response Times

APD responds to over 30,000 calls annually and typical emergency response times range from 4 minutes and 20 seconds to 4 minutes and 50 seconds. Because of the infill growth pattern promoted by the General Plan 2045, little or no expansion of the City limits is expected. Therefore, the geographic response area of APD remains the same and response times are not anticipated to increase based on call distance from the station. However, as the population increases, the call volume would be expected to rise proportionally. Based on the frequency of calls and distribution of calls, a new substation could be required to maintain adequate response times. However, this would happen slowly over the course of the planning horizon. APD would continue to monitor adequacy of response times as the City develops.

If an additional facility or substation becomes required due to increases is response times or unhealthy staff working conditions, APD could require a substation to be constructed within the City. The exact location is not known at this time. However, the new police facilities would be primarily provided on infill sites with land use designations that allow such uses; such as Public Facilities. The City contains approximately 440 acres of Public Facility designated land, a portion of which may merit consideration for a police facility (i.e., not dedicated school or parkland). The potential environmental impacts of constructing and operating the facilities would likely be similar to those associated with new development, infill, redevelopment, and infrastructure projects under the General Plan 2045.

The following goals and policies from General Plan 2045 would reduce impacts to police protection:

- ***PS-7a: Development/building and site design standards for crime prevention****. The City shall integrate CPTED (Crime Prevention Through Environmental Design) and related strategies into building and site design to prevent or minimize criminal acts, reduce victimization, and build a sense of community safety. These include a combination of onsite features such as alarm systems, secured entryways, lighting, and visible access. Crime prevention measures, such as providing alarm systems, security lighting, street numbers, and visibility for police surveillance, should be incorporated into, and around, new and renovated buildings. Gated communities hinder police and fire suppression access and shall be prohibited, consistent with Community Design Element policy.*
- ***PS-7b: Community-based policing****. Community-based policing has proven effective in reducing crime by involving citizens in crime prevention. The City Police Department provides training to business and neighborhood groups in how to discourage crime and best respond when crime occurs. The City shall continue to provide citizen training, maintain relationships with community groups, and encourage Community Emergency Response Teams (CERTs) to reduce crime and augment the essential services of the Police Department. Foot and bike patrols shall be promoted to maximize interaction between citizens and police, to foster friendship, understanding, and mutual help.*
- ***PS-7c: Cooperative Law Enforcement****. There are three law enforcement agencies based in Arcata: The Arcata Police Department, the Cal Poly Humboldt Police Department, and the California Highway Patrol. These agencies work together, responding to incidents throughout the City. The City shall continue to cooperate with other law enforcement agencies to maximize public safety within its boundaries. The City Police Department shall be the primary response agency within City limits since it is the only agency directly accountable to the government and citizens of Arcata.*
- ***PS-7e: Education and crime prevention funding****. The City recognizes that funds spent on education and crime prevention are more effective in reducing crime than funds spent on apprehending, prosecuting, and incarcerating criminals. The City shall pursue a long-term strategy of funding education and crime prevention programs.*

The goals and policies listed above in the General Plan 2045 would help to reduce impacts to police protection through community-based policing, education, design standards, and coordination with cooperating agencies. Additionally, APD would continue to review facilities for staff and visitor wellbeing, security needs, and response times, as growth increases. This continued informal monitoring would inform the adequacy of service provision and determination if a new facility is needed in the future as development and the population grows.

The growth anticipated in the General Plan 2045 could potentially result in the need for new or expanded police protection facilities. It is expected that new facilities would be located within infill or previously developed areas

within the City limits. Construction would require adherence to all applicable building and zoning codes and additional CEQA review to analyze project and location specific impacts. Environmental impacts of constructing and operating the facilities would likely be similar to those identified in this EIR associated with new development and infill projects. As such, impacts associated with the adoption and implementation of General Plan 2045 to police protection services would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PSR-a3: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools?

Based on the public and charter schools identified in Table 3.10-4, for the 2022-2023 school year, 3,689 students were enrolled at the school districts that serve City. Over the past five years, annual enrollment has ranged between 3,621 to 3,689 kindergarten through twelfth grade students. Based on personal communication with district superintendents, approximately 30-50% of enrolled students are from outside their district.

To roughly estimate the number of school age children in Arcata for the planning horizon, U.S. Census data was considered. The U.S. Census estimates that 11.2% of Arcata's population is under 18 years old and 2.5% is under 5 years old; therefore, approximately 1,653 children between 6-18 years old were estimated to live in Arcata in 2023. With a population of 27,000, an estimated 2,349 could be 6-18 years old.

Alternatively, the projected number of school age children could be estimated based on a student per dwelling unit rate. Assuming approximately 40% of the total 3,689 students enrolled are out-of-district students (personal communication with local district superintendents), local school districts currently have approximately 2,213 students who are residents of Arcata. The City has approximately 8,019 dwelling units (City of Arcata 2019) resulting in a student-dwelling unit rate of 0.276. Applying that rate to the 4,340 additional dwelling units anticipated by the General Plan 2045, would result in an additional 1,198 students.

Other considerations for estimating school age children include the demographics of the increase (i.e., the population would include Cal Poly Humboldt students), state fertility trends, and migration trends. College age students are less likely to have children; potentially reducing the percentage of the population that are between 6-18 years old. Due to trends in fertility and migration, the State of California Department of Finance estimates a decrease in state-wide public kindergarten through twelfth grade enrollment over the next ten years (DoF 2022). Department of Finance projections for kindergarten through twelfth grade enrollment in Humboldt County for the 2030-2031 school year are approximately 13% lower than enrollment in 2010 and 11% lower than enrollment in 2022 (DoF 2022).

Based on personal communication with school district staff, most schools are currently either near or at capacity. The Arcata School District's 2023 developer fee study projected an increase of 152 students over the next 20 years and a need to construct new facilities and refurbish existing facilities in order to maintain the existing level of service (personal communication, Luke Biesecker). The Jacoby Creek School District's facilities are currently near or at capacity (personal communication, Melanie Nannizzi). In 2018, Jacoby Creek School completed a Facility Master Plan that proposed additional structures on the existing campus (JCS 2018). The Plan identified an existing facility capacity of 478 students; the 2021-2022 school year enrollment was approximately 460 students. Based on facility capacity and classroom size, Pacific Union School District's ideal enrollment is 530 students; the district has neared or exceeded its capacity (personal communication, Marci Laffranchi and Rene McBride). Northern Humboldt Union High School District has some additional capacity (personal communication, Roger Macdonald and Tammy Pires). Some of the school districts have the ability to stop accepting students from out of their district, increasing the availability for in-district students. However, with an estimated 700-1,200

new kindergarten through twelfth grade students over the planning horizon, it is likely that new or expanded school facilities or staff within the City would be needed.

The growth anticipated in the General Plan 2045 could potentially result in the need for new or expanded school facilities. The location and extent of new or expanded facilities to serve additional students in is not known at this time. Therefore, the significance of physical impacts on the environment that could result from the construction and operation of future school facilities cannot be evaluated. Construction of facilities would likely result in similar physical impacts discussed throughout this Draft EIR, but impacts could also be reduced depending on location and intensity. New school facilities would be primarily provided as expansions to existing facilities or on infill sites with land use designations that allow such uses, such as Public Facilities or Gateway Area residential zones (PF-4a). Public Facility Element Policy PF-4a requires the City to coordinate with local school districts regarding expected growth and encourages the districts to expand existing schools rather than designating new sites to serve future student enrollment needs; thus, reducing potential impact by focusing development on property previously disturbed or developed. Additionally, new or expanded facilities would require adherence to all applicable building and zoning codes, and if relevant, additional CEQA review to analyze project and location specific impacts.

California Senate Bill 50 (SB 50), codified in California Government Code Section 65995, authorizes school districts to collect fees to offset the costs associated with increasing school capacity as a result of new residential and commercial/industrial development and related population increases. Per SB 50, these development fees are deemed to be “full and complete school facilities mitigation,” notwithstanding any contrary provisions in CEQA or other State or local laws. Two of the school districts within the study area have adopted development impact fees. Development facilitated by the General Plan 2045 that is located in areas subject to school impact development fees would be required to pay the adopted fees, therefore, fully mitigating the impacts on those district school facilities.

For university school facilities, Cal Poly Humboldt is expecting increased enrollment throughout the General Plan 2045 planning horizon, which would require the construction of new facilities on State-owned land. This Draft EIR does not evaluate impacts on State-owned land within the City limits. Potential cumulative impacts are discussed below in Section 3.10.7 (Cumulative Impacts).

Population growth, including an increase in school age children, is anticipated with the development facilitated by the General Plan 2045. This growth could increase the demand for school services and potentially create the need for new or physically altered school facilities. However, the development or expansion of new school facilities would likely occur on previously disturbed property and sites that are served by existing infrastructure. Future development would require additional CEQA review and compliance with existing building and zoning codes. As a result of the General Plan 2045 policies, impact development fees, and consistent with State law, school impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant

Impact PSR-a4: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks?

In Arcata, the current area of developed parks is 95.9 acres and undeveloped parks is 4,006.8 acres. The City currently maintains a parkland to population ratio of approximately five acres per 1,000 residents. The General Plan 2045 assumes a total resident maximum population of 27,000 in 2045. Based on this population, 135 acres of total parkland would be required to maintain a ratio of five acres per 1,000 residents. Therefore, without the

addition of new parkland, the ratio of developed parks and undeveloped parks to residents in 2045 would be approximately 4.3 acres and 147 acres per 1,000 residents, respectfully.

The Quimby Act allows for parkland dedications of three to five acres per 1,000 residents. With the anticipated growth and existing developed parkland, the City would maintain consistency with the Quimby Act. Additionally, according to the public outreach conducted during the Parks and Recreation Master Plan development, residents desire a park system that emphasizes natural areas and trails (City of Arcata 2010). Considering the large expanse of natural area and undeveloped parks, the City will exceed well past the Quimby Act maximum dedication ratio when considering the projected population and existing undeveloped parkland.

Based on the range of Quimby Act parkland dedication, the adoption and implementation of General Plan 2045 would not result in the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios for parks. Even with the projected population growth, the City would maintain a ratio of greater than 3 acres per 1,000 residents based on existing parkland. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact PSR-a5: Would adoption and implementation of the General Plan result in substantial adverse physical impacts associated with the provision or new or physically altered government facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities?

The projected population increase associated with General Plan 2045 will place additional demands on public facilities such as City Hall and libraries. A substantial portion of the population growth within the City is expected to comprise Cal Poly students; the continued operation of the Cal Poly Humboldt library would maintain acceptable service ratios. The infill growth pattern identified in the proposed General Plan would not disperse populations that may require additional facilities to be constructed in new locations. Future needs could be met by providing additional staffing, potential expansion at existing facilities rather than construction of new facilities and coordinating with Humboldt County and community service and private organizations to provide public service facilities.

The General Plan 2045 includes multiple policies to provide adequate public facilities and avoid potential impacts. The Public Facilities & Infrastructure Element Policy PF-5 intends to provide adequate facilities for services and programs administered by the City and other public service providers, including City administrative and meeting facilities (City Hall), police and fire departments, libraries, and community centers. Policy 5a and 5c are specific to community facilities, public libraries, and civic facilities. PF-5a allows facilities, operated by community service and private organizations, to be located in incorporated areas designated Central Commercial (C-C); Residential High Density (RH); Limited Industrial (I-L); and Public Facility (P-F); subject to use permit approval. PF-5c requires the City to coordination with Humboldt County to provide public library facilities in the City and requires coordination with other agencies, such as the Humboldt Transit Authority, to maintain joint-use facilities in the City.

The Land Use Element includes policies related to allowable land use designations for public facilities and considerations for evaluating impacts on public services.

- ***LU-5a: Public Facility [PF] uses****. Public Facility land use category is applicable to those lands which are to be used for the various types of public facilities, except that some public facility uses are also allowed in other land-use categories. Public facility uses include certain uses which may be owned by private individuals, private organizations, or private institutions, as well as by government entities. Uses include schools, public services and administrative offices, wastewater and solid waste management facilities, public parking lots, parks and non-commercial recreation uses, golf courses, auditoriums, and*

other public assembly spaces, hospitals, cultural facilities, community gardens, communication (including telecommunications) and transportation facilities, and utilities. The types of uses allowable within this category shall be specified in Table LU-6.

- ***LU-3a: Commercial use classifications**. The following land-use plan categories are applicable to commercial lands. Table LU-4 defines permitted uses, densities, lot sizes, and coverages for each classification. Large scale retail uses shall require a use permit due to evaluate:*
  - *Potential impact on existing and projected traffic conditions.*
  - *Impact on municipal utilities and services.*
  - *Impact on the physical and ecological characteristics of the site and surrounding area.*
  - *Impact on the community.*

These policies, alongside the ongoing monitoring of facilities for their sufficiency to meet future needs, will reduce potential impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PSR-b: Would adoption and implementation of the General Plan increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

It's anticipated that over the life of the General Plan 2045, the use of parks, trails, and recreational facilities would increase due to the planned growth that is accommodated by the General Plan 2045. Additional demand on existing parks and other recreational facilities would incrementally increase the need for maintenance and improvements. These improvements could have environmental impacts, although the level and severity of impacts cannot presently be determined since the potential improvements are unknown.

The General Plan 2045 establishes policies and implementation measures to ensure that existing parks and recreational facilities are improved and maintained. The General Plan 2045 includes Policy OS-1g for the City to set standards for responsible resource land stewardship and to consider natural resource values to the community in all long-term use decisions. Policy PR-2g requires the use best management practices to ensure that parks are maintained at the desired levels of service and for the City to prepare a Maintenance Management Plan and Natural Resource/Open Space Management Plan which would include facility reinvestment and replacement schedules. Policy PR-3c requires the City to work with community groups and other coalitions to define mutually compatible recreational facility and maintenance needs. The General Plan 2045 also includes Implementation Measure PR-2b (ongoing) to implement Park Development and Maintenance in accordance with the Park & Recreation Master Plan, Implementation Measure PR-2c Maintenance Management Plan, and Natural Resource/Open Space Management Plan. These policies and implementation measures support maintenance of existing parks and recreational facilities to ensure neighborhood and regional facilities adequately serve the community.

The City Municipal Code and Land Use Code contain ordinances and regulations to maintain, improve, and acquire parkland. Municipal Code Section 2685 (Resolution 190-68, effective in 2020) imposes the Open Space, Parks, and Trails Special Tax to fund improvements to and maintenance of City owned parks, open spaces, trails, forests and other working lands and to expand public access and trail systems. Land Use Code Section 9.70.050, Recreation Fee for New Construction, enables the City to collect fees from residential, commercial, or industrial construction to support park acquisition and improvements. Land Use Code Section 9.86.030, Park Land Dedication and Fees, require parkland dedications or fees in lieu of dedication based on five (5) acres of parkland per 1,000 persons for all residential subdivisions. The General Plan 2045 also includes Policy PR-1b requiring parkland dedication or fees in lieu of dedication in order to provide adequate parkland level of service and facilities. These policies, regulations, and ordinances would ensure the City would continue to plan for and maintain parks and recreational facilities through the year 2045. Additionally, these policies, regulations, and ordinances would support the acquisition and development of new facilities to accommodate the demand for

parks and recreational facilities which could reduce the potential for adverse impacts and physical deterioration of existing parks and recreational facilities.

Adoption and implementation of the General Plan 2045 would result in an increase to the Arcata population, which could increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility could occur or be accelerated. However, General Plan 2045 policies and implementation measures, along with the City Municipal Code and Land Use Code ordinances and regulations, would ensure the City would continue to plan for and maintain existing parks and recreational facilities at an acceptable level. The adoption and implementation of the General Plan 2045 would have a less than significant impact on existing neighborhood and regional parks or other recreational facilities.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PSR-c: Would implementation of the General Plan include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

In Arcata, the current area of developed parks is 95.9 acres and undeveloped parks is 4,006.8 acres. The General Plan 2045 assumes a total resident maximum population of 27,000 in 2045. Without the addition of new parkland, the ratio of developed parks and undeveloped parks to residents in 2045 would be approximately 4.3 acres and 147 acres per 1,000 residents, respectfully. Based on the range of Quimby Act parkland dedication (three to five acres per 1,000 people), the adoption and implementation of General Plan 2045 would not result in the need for new recreational facilities. However, the General Plan includes the following guiding principles and goals: Provide residents with an accessible variety of recreation opportunities and park experiences that are equitably distributed throughout the City (Goal A); Expand the range of park types and recreation programs to meet changing community needs and priorities (Goal B); and Assess user needs and adapt as needed on an ongoing basis (Goal F). The City would need to evaluate the extent to which the increased growth could increase the demand for parks, trails, and recreational facilities, and in turn, the need for new or expanded recreational facilities. The construction and operation of such facilities could have environmental impacts.

The General Plan 2045 supports the development of new parks, diverse recreational facilities, and preservation of open space. Facilities supporting recreation can be located in various land designations (commercial, industrial-light, public facility, natural resource, agricultural exclusive), and even considered in the design of stormwater / retention, treatment, and conveyance facilities (Policy PF-3d). General Plan 2045 contains Implementation Measures OS-1 to preserve and acquire open space, PR-1b to continue to implement fees and dedications pursuant to Quimby Act, PR-1c to update level of service standards-parkland to population every five years, and PR-2a to implement strategic funding options. It is anticipated that in-lieu fees collected from subdivisions, residential, commercial, or industrial development in the area will be sufficient for purchase and at least partial development of new parkland facilities. In this manner, General Plan 2045 policies and implementation measures would ensure that new and expanded parks and recreation facilities are provided to accommodate new growth.

Additionally, the Open Space Element contains Policy OS-1 to designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together wherever practical for habitat connectivity, managed for resource production, and maintained for enjoyment by City residents and visitors. Sub-policy OS-1i requires the City to continue to pursue, or coordinate with land trusts, for acquisition, from willing sellers, to expand the amount of open space. Areas identified include the Community Forest, forested property on the west slopes of Fickle Hill, and lands around Arcata Bay. Lands located outside of the City limits would be considered for annexure pursuant to the City General Plan Growth Management Element.

The Gateway Area Plan contains a Conceptual Open Space Plan to guide the general location and character of new open spaces in the Gateway Area. Concepts include a linear park adjacent to daylighted and restored segments of Jolly Giant Creek (Policy GA-6d and Policy GA-6h) as well as a plaza or public open space in the Barrel District. Open Space Program implementation measures include Imp-GA-6.3 to acquire publicly accessible open space within the Gateway Area Boundary. The City's goal is to provide a park, high-quality trail, or open space within 200 yards of every residential unit in the Gateway Plan Area. This could be provided through the Community Benefit Policies in the Gateway Area Plan Element. Actual implementation and development of parks or open space may vary based on landowner or development agreements obtained during project planning or approval.

Construction or expansion of recreation facilities could result in the loss of open space habitat; however, Policy OS-1e, GA-6g, and GA-6h encourage development in low habitat quality open space areas rather than high-quality areas, require protection of open space, and encourage restoration of wetland areas and Jolly Giant Creek. General Plan 2045 PR-2a requires the protection of natural areas and wildlife habitat within parks and open space land to the greatest extent feasible. The Plan would integrate recreational use in natural areas, where not in conflict, through appropriately designed trails, trailheads, and interpretive resources to achieve the community's desire for access. Many policies require, or encourage the enhancement of natural areas, preservation of open space characteristics, and minimization of impacts including Policy PR-1b, PR-2c, OS-1f.

The General Plan 2045 does not include any site-specific designs or proposals, nor grant any entitlements for development of recreational facilities. However, future recreational projects envisioned in the General Plan include new and expanded pedestrian and bicycle facilities, open space, and community plazas. Given the nature and scale of such improvements (e.g., street furnishings, pavement striping and signage, bicycle racks, playgrounds, benches, gardens, etc. in existing urban / developed areas), the construction of such improvements could result in limited environmental effects, including release of air emissions associated with construction equipment, inadvertent archaeological discoveries, and temporary noise impacts; however, as future recreational facility construction or expansion projects are considered by the City, each project will be evaluated for conformance with the General Plan, Municipal Code, and other federal, state, or local applicable regulations.

Moreover, future development would require further CEQA review of project-level impacts prior to implementation to ensure that the individual projects do not result in a significant adverse physical effect on the environment. Impacts associated with construction or expansion of recreational facilities within the Infill Opportunity Zones and throughout the study area would likely be mitigated similar to those environmental impacts associated with new development under the General Plan 2045. General Plan 2045 includes policies and implementation measures that would help ensure new parks and recreational facilities are developed to accommodate the growing population. Additionally, this Draft EIR addresses the potential impacts of development that may occur under the General Plan 2045, including residential, commercial, industrial, natural resource, and a range of other uses.

Where potentially significant impacts are identified, Mitigation Measures are identified to reduce the impact and discloses which impacts cannot be reduced to a less than significant level. Apart from impacts disclosed in the relevant chapters for this Draft EIR, there are no additional significant adverse environmental impacts that are anticipated to occur associated with existing or new parks and recreational facilities. As a result of the proposed policies and potential impacts of development evaluated in this Draft EIR, the physical effects on the environment from the construction of new or expanded parks and other recreational facilities would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.10.7 Cumulative Impacts

The geographic boundary for cumulative projects related to public services and recreation impacts would include the City limits and extend to include Arcata School District, Jacoby Creek School District, Pacific Union School and Northern Humboldt Union High School District, and Arcata Fire Protection District.

Impact PSR-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Public Services?

Arcata Fire Protection District (AFPD) extends beyond the City limits into unincorporated areas of Humboldt County and one of the District's three stations are located outside the City limits. Therefore, growth outside of the City would impact District services; potentially slowing response times to City properties. Likewise, increased growth within the City would impact AFPD services in areas of the District that are outside of the City. Cumulative projects could require the development of a new fire station if call volume and distribution change significantly due to development patterns and population growth. The City and AFPD would continue to monitor annual call metrics and plan for facilities as needed. Cumulative impacts would be less than significant.

The Cal Poly Humboldt Police Department would continue to provide services to Cal Poly properties as well as student and employees. Development outside the City limits would continue to be served by Humboldt County Sherriff's Office and California Highway Patrol. Projects considered for cumulative impacts would not contribute to increased calls for service within the City limits. Impacts from housing projects are evaluated in this EIR. Proposed trail and roadway improvements could improve transportation safety. Many of the considered projects are located outside the City limits and would not contribute to cumulatively significant impacts to police protection services provided by APD. A less than significant impact would occur.

Projects located in areas subject to school district development impact fees would be required to pay the adopted fees to ensure the adequate provision of schools in the future. Per SB 50, these development fees are deemed to be "full and complete school facilities mitigation" and therefore a less than significant cumulative impact would occur. Projects located in areas that are not subject to school district impact fees would either not result in significant impacts or the districts will adopt development impact fee programs. The process for adopting impact fees is subject to the various school districts' concerns for impacts to their facilities. The districts are able to adopt the fees unilaterally when they find that there are impacts related to new development. For this reason, any impact associated with a district that does not currently have an adopted fee would remedy the impact by adopting a fee.

Cal Poly Humboldt is expecting increased enrollment throughout the General Plan 2045 planning horizon, which would require the construction of new facilities on State-owned land. Potential cumulative impacts would be addressed through Public Facility Element Policy PF-4c that requires the City to coordinate with Cal Poly Humboldt regarding their planned development.

Arcata currently has approximately 4,200 acres of parkland. Development proposed by cumulative projects could increase the use of City parks, however Arcata would still maintain a high ratio of parks to population. Cumulative project development would not result in the need for new or expanded parks and recreation facilities. Therefore, cumulative impacts to parks and recreational facilities would be less than significant.

Generally, cumulative development in the region would continue to increase the concentration of people and structures within the study area and jurisdictional area of police and fire services. This would increase the demand for public services such as fire, police, schools, parks, and other public facilities, such that new or physically altered governmental facilities could be required to maintain acceptable service ratios, response times, or other performance objectives. Construction of such features would occur within existing developed areas where adequate public services currently exist. It would be reasonable to assume that these needs could be served through the expansions of existing facilities or new facilities in already developed areas. Additionally, with adherence to applicable federal, state, and local regulations governing development of public service facilities and compliance with the proposed General Plan 2045 policies indicated above, the potential impacts associated with construction or expansion public facilities in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact PSR-C-2: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Recreational Resources?

Many parks and trails located in Arcata are regional recreational resources, enjoyed by people living and visiting from outside the City. The General Plan 2045 Parks and Recreation Element Implementation Measure PR-3a, Coordinated Open Space, Park and Recreational Facilities Planning and Use, requires the Park & Recreation Master Plan update to identify opportunities for enhanced partnerships with agencies and organizations to enhance City parks and recreation facilities and activities. Updates and regional trails planning would be coordinated with Humboldt County, Humboldt County Association of Governments, Great Redwood Trail Agency, Redwood Community Action Agency, Redwood Coast Mountain Bike Association, and the Humboldt Trails Council.

All future projects within the City would be required to comply with applicable federal and state as well as the City Municipal Code and General Plan 2045 policies that address parks and recreational facilities, including Land Use Code Recreation Fee for New Construction Section 9.70.050 and Subdivision Park Land Dedication (Section 9.86.030) to acquire and maintain parkland. Therefore, cumulative impacts to parks and recreational facilities would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.10.8 References

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City of Arcata. 2019. Housing Element Technical Appendices. https://www.cityofarcata.org/DocumentCenter/View/9436/2019-2027-Housing-Element-Appendices

City of Arcata. 2010. Parks & Recreation Master Plan. October. https://www.cityofarcata.org/DocumentCenter/View/5580/Parks-and-Recreation-Master-Plan-2010-PDF?bidId=

Humboldt County Office of Education (HCOE). 2022. Humboldt County Schools First Week Enrollment. Years 2018 through 2023.

Humboldt State University (HSU). 2021. Humboldt State University Polytechnic Prospectus.

Jacoby Creek School (JCS). 2018. Jacoby Creek School 2018 Facilities Master Plan.

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U.S. Census. 2022. Quick Facts Arcata city, California.

3.11 Tribal Cultural Resources

Tribal cultural resources include resources that are of specific concern to California Native American tribes, with knowledge of such resources limited to tribal people. Refer to Section 3.4 (Cultural Resources) for a discussion of prehistoric or historic archaeological sites, structures, or objects.

The Native American Heritage Commission responded to the Notice of Preparation with a letter recommending "consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources." The letter also included a list of AB 52 CEQA requirements, provisions of SB 18, and recommendations for Cultural Resources Assessments.

This section evaluates potential impacts on tribal cultural resources from adoption and implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the setting of Tribal cultural resources. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to Tribal cultural resources, and identifies the significance of impacts.

3.11.1 Study Area

For impact assessment related to Tribal cultural resources, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

3.11.2 Setting

Since time immemorial, before the arrival of European-American settlers in 1850, Arcata and the Humboldt Bay region were the home of the Wiyot. An Algonquian-speaking people, the Wiyot resided in settlements along the lower Mad River and Eel Rivers as well as other local streams, and along Humboldt Bay and on the hills and ridges or lands in between. Their way of life was shaped by the bountiful surroundings of forested hills, streams and rivers, the Pacific Coast and protected marshes and sloughs of Humboldt Bay, which generously provided for generations of subsistence and cultural needs.

Traditional Native American culture was disrupted by Euro-American settlement and U.S. government policy. This produced significant depopulation and relocation of Native Californians from most of the lands they occupied, and these actions combined with cultural intolerance have led to the displacement of the Wiyot community and their inability to engage in many traditional cultural practices; however, affected Native American populations have not disappeared; rather, they have adapted to these new pressures.

Today, the Wiyot people are federally recognized in the Wiyot Tribe Reservation, the Bear River Band of the Rohnerville Rancheria, and the Blue Lake Rancheria. These tribes are actively involved in various tribal economic projects and in the revitalization of cultural traditions such as language, basket weaving, ceremonies, and reclaiming ancestral lands. It is the City's goal to support and encourage Tribal efforts to revitalize cultural traditions and invest in the cultural and physical health and well-being of Tribal members as a key component of the cultural and physical health of the Arcata community.

3.11.3 Regulatory Framework

Federal

Archaeological Resources Protection Act

The Archaeological Resources Protection Act protects archaeological sites on Federal and Indian lands by governing the excavation, removal, and disposition of any possible collections from those sites. This Act understands that archaeological resources are important to the nation and enforces their protection by requiring

permits before the excavation or removal of archaeological resources from public or Indian lands. This allows for the security and protection of archaeological resources for the present and future benefit of the America people as well as increased cooperation and information exchange between governmental authorities, professional archaeological community and private collectors.

Native American Graves Protection and Repatriation Act

The Native American Graves Protection and Repatriation Act of 1990 provides a process of repatriation of collections of Native American Cultural items for lineal descendants, Indian tribes, Alaska Native Corporations, and Native Hawaiian organization from federal agencies or federally funded museums. This process requires any federally funded institution housing Native American remains or artifacts to compile an inventory of all cultural items within the museum or with its agency and to provide a summary to any Native American tribe claiming affiliation. Also, Native American Graves Protection and Repatriation Act provides a process for the intentional removal and inadvertent discovery of human remains and other cultural items from federal and tribal lands. A critical piece for addressing identification, treatment, and disposition of Native American cultural items is the consultations with all Native organizations.

Section 106

Section 106 of the National Historic Preservation Act of 1966 ensures that cultural resources are handled in order of importance. Through regulations associated with the National Historic Preservation Act, an impact to a cultural resource would be considered significant if government action would affect a resource listed in or eligible for listing in the National Register of Historic Places. The National Historic Preservation Act codifies a list of cultural resources found to be significant within the context of national history, as determined by a technical process of evaluation. Resources that have not yet been placed on the National Register of Historic Places, and are yet to be evaluated, are afforded protection under the Act until shown not to be significant.

State

California Public Resources Code

Section 21074

California PRC Section 21074 details what can be considered a tribal cultural resource.

A) Tribal cultural resources are either of the following:

1) Sites, features, places, cultural landscapes, sacred places and objects with cultural value to a California Native American tribe that are either of the following:

a) Included or determined to be eligible for inclusion in the California Register of Historical Resources (CRHR).

b) Included in a local register of historical resources as defined in subdivision (k) of PRC Section 5020.1.

2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying the criteria set forth in subdivision (c) of PRC Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

B) A cultural landscape that meets the criteria of subdivision (a) is a tribal cultural resource to the extent that the landscape is geographically defined in terms of the size and scope of the landscape.

C) A historical resource described in PRC Section 21084.1, a unique archaeological resource as defined in subdivision (g) of PRC Section 21083.2, or a "nonunique archeological resource" as defined in

subdivision (h) of PRC Section 21083.2 may also be a tribal cultural resource if it conforms with the criteria of subdivision (a).

Assembly Bill 52

Assembly Bill (AB) 52, the Native American Historic Resource Protection Act, sets forth a proactive approach intended to reduce the potential for delay and conflicts between Native American and development interests. Projects subject to AB 52 are those that file a notice of preparation for an Environmental Impact Report or notice of intent to adopt a negative or mitigated negative declaration on or after July 1, 2016. AB 52 adds tribal cultural resources to the specific cultural resources protected under CEQA. Under AB 52, a tribal cultural resource is defined as a site, feature, place, cultural landscape (must be geographically defined in terms of size and scope), sacred place, or object with cultural value to a California Native American tribe that is either included or eligible for inclusion in the California Register of Historical Resources (CRHR) or included in a local register of historical resources. A Native American Tribe or the lead agency, supported by substantial evidence, may choose at its discretion to treat a resource as a tribal cultural resource. AB 52 also mandates lead agencies to consult with tribes, if requested by the tribe, and sets the principles for conducting and concluding consultation.

Senate Bill 18

SB 18 defines a cultural place as “Native American sanctified cemetery, place of worship, religious or ceremonial site, or sacred shrine” (PRC Section 5097.9). As well as “Native American historic, cultural, or sacred site, that is listed or may be eligible for listing in the California Register of Historical Resources pursuant to Section 5024.1, including any historic or prehistoric ruins, any burial ground, any archaeological or historic site” (PRC Section 5097.995).

According to California Government Code Section 65352.3 (adopted pursuant to the requirements of SB 18) it is required that local governments contact, refer plans to, and consult with the local tribal organizations prior to deciding to adopt or amend a general or specific plan. Eligible tribal organizations for consulting must have traditional lands within the local government jurisdiction of the city or county in question. The Native American Heritage Commission may identify eligible tribal organizations upon request. The California Office of Planning and Research’s Tribal Consultation Guidelines (2005) states; “The intent of SB 18 is to provide California Native American tribes an opportunity to participate in local land use decisions at an early planning stage, for the purpose of protecting, or mitigating impacts to, cultural places.”

Assembly Bill 168

AB 168 was signed in 2020 to prohibit destruction and desecration of tribal cultural resources. This bill ensures any project site that a tribal resource that is also listed on a historic register whether it is national, state, tribal or local will be automatically disqualified from SB 35 fast-tracked approval. AB 168 also extends the responsibility of a development proponent to consult and receive consent with Native American tribes, before a project is eligible for a permit under SB 35.

AB 168 requires a development proponent to submit notice of its intent to apply for streamlined approval to the local government prior to the actual application submittal. A development with streamlined ministerial approval under SB 35 is not subject to CEQA, allowing for such developments to occur without going through a CEQA review or screening process to determine if they would affect Tribal Cultural Resources. The local government is then required to provide formal notice to each California Native American tribe that is culturally affiliated with the geographic area of the proposed development and to engage in a “scoping consultation” regarding the potential effects the proposed development could have on a potential Tribal Cultural Resource (California Code Section 65913.4(b)).

The scoping consultation must commence within 30 days after the proponent submits a notice of intent to apply for ministerial approval and must conclude before the proponent can submit the application. This bill deems a project ineligible for the streamlined, ministerial approval process and requires it be subject to CEQA if:

(A) The site of the proposed development is a Tribal Cultural Resource that is on a national, State, tribal, or local historic register list;

(B) The local government and the California Native American tribe do not agree that no potential Tribal Cultural Resource would be affected by the proposed development; or

(C) The local government and California Native American tribe find that a potential Tribal Cultural Resource could be affected by the proposed development and the parties do not document an enforceable agreement regarding the methods, measures, and conditions for treatment of those tribal cultural resources, as provided.

California Health and Safety Code §7050.5 – Human Remains

Section 7050.5 of the California Health and Safety Code states that that the disturbance of Native American cemeteries is a felony. In the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, construction or excavation be stopped until a county coroner determines whether the remains are those of a Native American. If the human remains are determined to be of Native American origin, the coroner must notify the Native American Heritage Commission within 24 hours of this identification.

California Public Resources Code Section 5097

Public Resources Code Section 5097 establishes inventory of places of religious or social significance to Native Americans and the identification of known graves and cemeteries of Native Americans on private lands, called the Native American Heritage Commission Sacred Lands File. The Code includes a policy of noninterference with the free expression or exercise of Native American religion and prohibits damage to Native American sanctified cemeteries, places of worship, religious or ceremonial sites or sacred shrines located on public property. This Section contains protocol to be followed in the event of an unexpected discovery of human remains of Native American origin on nonfederal land and defines the unauthorized disturbance or removal of archaeological, historic, or paleontological resources located on public lands as a misdemeanor.

California Environmental Quality Act

CEQA requires lead agencies to determine if a project would have a significant effect on tribal cultural resources. The CEQA Guidelines define a tribal cultural resource according to California PRC Section 21074. While some tribal cultural resources include physical archaeological resources, described above, cultural resources are not limited to physical resources that have scientific significance. Tribal cultural resources also include cultural landscapes and non-unique archaeological resources. Non-unique resources are resources that are deemed culturally significant to a tribe, but do not contain information needed for scientific purposes, and may not be the best specimen in terms of quality, uniqueness, or age.

Local

City of Arcata General Plan

The City of Arcata General Plan 2020 contains policies relating to tribal cultural resources in the Design and Historical Preservation Element.

> ***Policy H-7: Archeological and Cultural Resources***
>
> ***Objective.*** *Protect and preserve Native American and Euro-American archeological sites and cultural resources within the City of Arcata.*
>
> *Applicable sub-policies:*
>
> – ***H-7a: Cultural Resources Project Review.*** *As part of the environmental and project review process, the City of Arcata shall enter into a Memorandum of Agreement (MOA) with the Northwest Information Center of the Historical Resources Information System of the State of California. Under the MOA, all proposed discretionary projects under the California Environmental Quality Act shall be subject to cultural resources sensitivity review by the Northwest Information Center. In order to provide a context for city projects, for the evaluation of cultural significance and for the interpretation of the results of*

cultural resources project reviews, the City of Arcata shall contract for a general prehistoric, ethnographic, and historic overview of the city and its environs.

- ***H-7b: Archaeological Surface Reconnaissance.*** *If the cultural resources project review determines that the project is located in an area with a high probability of archaeological resources, an archaeological survey by a professional archaeologist or other qualified expert shall be performed.*
- ***H-7c: Mitigation of potential impacts on archaeological resources****. If the results of the surface reconnaissance show that the project area contains a resource of cultural significance, and it is demonstrated that a project would cause damage to such a resource, the City may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of other treatment include, but are not limited to the following:*
  - *Modifying the project to avoid portions of the site with archaeological resources.*
  - *Providing or conveying easements or other deed restrictions.*
  - *Capping or covering archaeological resources with a soil layer before construction.*
  - *Planning open space to incorporate archaeological sites.*
- ***H-7d: Monitoring of Construction.*** *In appropriate circumstances, when archaeological resources are likely to be present at a construction site, monitoring of excavation and other soil disturbing activities by archaeological and/or Native American observers shall be required.*
- ***H-7f: Discovery of archaeological resources****: Upon discovery of archaeological or paleontological materials, all grading or other land-disturbing construction activities at the site shall be suspended until the nature of the cultural resources has been ascertained and the appropriate disposition method determined.*

Proposed City of Arcata General Plan 2045

Guiding principle (i) the Historic Preservation Element is to "acknowledge the Wiyot Community as the indigenous owners of the lands in which the City occupies and make efforts to incorporate the Wiyot Community in future decisions affecting the Arcata area and to dismantle the legacy narratives of settler colonialism. Maintain communication with the Wiyot community about cultural resources within the City and its surrounds as traditional stewards of this land."

Policies relating to tribal cultural resources in the Design and Historical Preservation Element include:

Policy H-7: Archeological and Cultural Resource and Wiyot Tribal History

Objective*. Protect, preserve and enrich Native American and Euro-American archeological sites and cultural resources within the City of Arcata. Preserve and enrich Native American and Euro-American archeological sites and cultural resources within the City of Arcata, particularly resources related to Wiyot Tribal history. Adopt a series of policies that ensure pre-project consultation and review as well as collaborative government to government relations with the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria.*

- ***H-7a: Cultural Resources Project Review.*** *As part of the environmental and project review process, all proposed discretionary projects under the California Environmental Quality Act shall be subject to cultural resources sensitivity review by the local area Tribal Historical Preservation Officers (THPOs) or their designated representatives, and the Northwest Information Center.*

  If the cultural resources project review determines that the project is located in an area with a high probability of archaeological resources, an archaeological survey or cultural resources monitoring by a professional archaeologist or other qualified expert shall be performed to the satisfaction of the THPOs or their designated representatives.

  If the results of reconnaissance show that the project area contains a resource of cultural significance, and if it is demonstrated that a project will cause damage to such a resource, the City shall confer with appropriate agency and governmental partners. In the case of sites potentially containing resources of

tribal cultural significance, all local Tribal Historic Preservation Officers or their designated representatives shall be notified. This consultation may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of other treatment include, but are not limited to, the following:

1. *Formally evaluating the site/find to determine its eligibility for the California Register of Historical Resources.*
2. *Modifying the project to avoid portions of the site with archaeological resources.*
3. *Providing or conveying easements or other deed restrictions.*
4. *Capping or covering archaeological resources with a soil layer before construction.*
5. *Planning open space to incorporate archaeological sites.*

***H-7b: Inadvertent Archeological Discoveries and associated mitigations**. Standard Operating Procedures for handling "post-review" of inadvertent archeological discoveries and/or human remains shall be adopted for all phases and aspects of work carried out by or for the City of Arcata and will be housed in the City's Zoning Ordinance. This protocol shall be developed in partnership with, and approved by, local Tribal Historic Preservation Officers and/or their respective Tribal Councils. The intent of these procedures will generally be to stop work upon discovery, evaluate the discovery with support from qualified archeologists and THPOs or their designees, consult with the Tribes and other interested parties on the inadvertent discovery, determine significance, and if resources are determined significant per the California Register of Historical Places, avoid or minimize direct or indirect impacts to significant archaeological or Native American discoveries.*

City of Arcata Local Coastal Program

There are no policies within the City of Arcata Local Coastal Plan that regulate tribal cultural resources.

3.11.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the Project would be considered to have a significant impact on a tribal cultural resource if it would cause a substantial adverse change in the significance of a tribal cultural resource, (as defined in PRC Section 21074), that is:

– A resource listed or eligible for listing in the CRHR, or in a local register of historical resources as defined in PRC Section 5020.1(k); or
– A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1.

3.11.5 Methodology

Prior to sending a formal AB 52 / SB 18 consultation letter, the City met with the Tribal Historic Preservation Officers (THPOs) of the Wiyot Tribe, Bear River Band of the Rohnerville Rancheria, and Blue Lake Rancheria on January 19, 2022, to discuss the Gateway Area Plan Draft and provide information regarding the General Plan 2045. At this meeting, the City and THPOs discussed updating relevant archeological mapping and City / Tribal contracting in addition to broader policy discussions. The archeological mapping discussed refers to the collaborative preparation of a confidential "Archeological Site Sensitivity Map" of known and reported Wiyot (largely prehistoric) archeological sites. This map was first developed in 2016 and is used by the City for the purposes of consulting with the Tribes for any future proposed ground-disturbing activities located within identified sensitive areas within City limits and the larger surrounding area of influence. This map serves to assist staff in identifying and protecting resources that may be impacted as a result of a ministerial or otherwise CEQA-exempt projects.

The Native American Heritage Commission responded to the City's Notice of Preparation with a letter listing AB 52 CEQA requirements, provisions of SB 18, and recommendations for Cultural Resources Assessments. These recommendations are not legal requirements per CEQA or SB 18 and include recommendations regarding archeological and sacred lands file searches to guide if a survey is required to determine whether previously

unrecorded cultural resources are present within the Area of Potential Effect. A records search was not completed for the proposed General Plan 2045, given the scope of the project and the existence of the City's Archeological Site Sensitivity Map, which constitutes a citywide survey of known Wiyot sites. Although not considered representative of all possible archeological sites (including buried early and middle Holocene aged) that may be present in the study area and subject to future refinement as more information becomes available, the City has committed to collaborating with the Tribes to update the map every five years for the duration of the General Plan 2045 planning horizon. This commitment has been shared with the Tribes as part of the AB 52 / SB 18 consultation process.

To initiate AB 52 / SB 18 consultation, the City sent notification letters to the Tribal Historic Preservation Officers of the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria on March 25, 2022. At that time all three THPOs expressed interest in providing further comment on the General Plan 2045. The City committed to re-engage the THPOs once the project description for the General Plan 2045 EIR was finalized, as well as the draft update to the City's Historic Preservation Element of the General Plan. Once the Draft EIR project description and relevant General Plan Historic Preservation Element policies were finalized, the City re-engaged the THPOs and sent the draft documents along with requests for continued consultation on March 23 and 24, 2023. At that time, only the Wiyot Tribe chose to continue to consult and a meeting to discuss the General Plan 2045 was set for May 5, 2023.

At the May 5 meeting, the Wiyot Tribe reviewed the documents provided by staff and recommended an emphasis on requesting Wiyot tribal cultural monitors for monitoring projects as well as an interest in continued collaboration between governments to further City and tribal housing goals. Though this closure process, the City made modifications to relevant text in the Historic Preservation and Land Use Elements and committed to continuing to work with the Wiyot Tribe to address shared housing and consultation goals through implementation of the General Plan 2045, with opportunities to revisit inadvertent discovery protocol during future Land Use Code update cycles. Following this meeting, the City sent the Wiyot Tribe, Bear River Band, and Blue Lake Rancheria tribes AB 52/SB 18 closure letters on July 20, 2023.

3.11.6 Impacts and Mitigation Measures

Impact TCR-a,b: Would the Project cause a substantial adverse change in the significance of a tribal cultural resource?

Development promoted by the adoption and implementation of the General Plan 2045 could result in direct or indirect impacts to tribal cultural resources. Construction activities, such as grading and excavation, may result in accidental destruction or disturbance of tribal cultural resources without appropriate inadvertent discovery protocols in place. The General Plan 2045 Historic Preservation Element includes policies and implementation measures that would serve to protect and reduce impacts related tribal cultural resources.

Policy H-7a requires tribal cultural resource sensitivity review for all proposed discretionary projects under the California Environmental Quality Act, and outlines a process for consultation, reconnaissance, and treatment if the project is determined to be located in an area with a high probability of archaeological and/or cultural significance. Policy H-7b provides procedures for inadvertent archeological discoveries and associated mitigations. Two implementation measures promote City collaboration with local tribes:

– Implementation Measure H-3: Local Tribal Input to City Historic Context Statement. In order to provide a context for City projects, for the evaluation of cultural significance and for the interpretation of the results of cultural resources project reviews, the City shall contract for a general prehistoric, ethnographic, and historic overview of the city and its environs.
– Implementation Measure H-4: Local Tribal Input to Sensitivity Mapping. Collaborate with the three area THPOs to undertake periodic review of the "Archeologic Sensitivity Map" to ensure updated information regarding tribally significant resources is shared.

Federal and state laws as well as policies and implementation measures in the General Plan 2045 would address potential impacts regarding tribal cultural resources by requiring project specific consultation with local tribes.

Project-specific review and application of the existing Archeologic Sensitivity Map developed in conjunction with the local area THPOs ensure projects with the potential to cause a substantial adverse change to the significance of a tribal cultural resource are identified and appropriate measures for consultation, reconnaissance, and treatment are in place. Therefore, the impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.11.7 Cumulative Impacts

The geographic boundary for cumulative projects related to tribal cultural resource impacts is the City Planning Boundary.

Impact TCR-C-1: Would the Project contribute to a cumulatively significant impact to Tribal Cultural Resources?

Cumulative effects analysis examines the current project effects taken together with effects of past projects and known projects in the foreseeable future. Future projects considered for cumulative impacts are identified in Table 1.10-1 of this Draft EIR. Implementation of the cumulative projects may require grading and excavation that could potentially affect tribal cultural resources. If these resources are not protected, the cumulative effect of the General Plan 2045 plus cumulative projects could be significant. However, applicable federal, state, and local requirements for protecting tribal cultural resources apply regionally and the City of Arcata and County of Humboldt have local policies in place to require appropriate consultation, reconnaissance, and treatment of tribal cultural resources. These federal, state, and local requirements reduce the potential of each of the cumulative projects to impact sensitive tribal cultural resources. The Project's contribution to this cumulative impact would therefore not be cumulatively considerable and is less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.11.8 References

None

3.12 Utilities and Service Systems

This section evaluates the potential impacts related to utilities and service systems resulting from adoption and implementation of General Plan 2045. Utilities are critical to providing safe drinking water, disposal and treatment of wastewater, stormwater drainage, and solid waste disposal. This section provides a background discussion of the utility systems in Arcata including water supplies, wastewater, storm drainage, and solid waste. To provide the basis for this evaluation, the Setting section describes the utilities and service systems provided by and used within the City's service area. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to utilities and service systems, and identifies the significance of impacts.

3.12.1 Study Area

For impact assessment related to utilities and service systems, the Urban Services Boundary was used as the study area. The Urban Services Boundary includes the City limits, the Jacoby Creek community (located south of the City), which receives water from the City, and a small portion north of the City (located between State Route 299 and the Mad River), which receives water and sewer from the City (see Figure 2-1 – City of Arcata Planning Areas).

3.12.2 Setting

Utilities and Service Systems within the Study Area

Water

The City is located in the Mad River Valley – Mad River Lowland Basin 1-008.01, which has a SGMA Basin Priority of Very Low (DWR 2020). The basin is located in the coastal floodplain which stretches from the Freshwater Fault north to the Mad River and to the elevated terrace to the East. The City of Arcata uses a system of trunk lines and mains, above ground water tanks, and booster pumps to deliver domestic water to residents, businesses, industry, and other facilities within the City's Urban Services Boundary. The City water supply is provided by the Humboldt Bay Municipal Water District which pumps, treats, and sells the water to the City. Drinking water delivered by the District is drawn from wells located in the Mad River northeast of Arcata, California. These wells, called Ranney Wells, draw water from the sands and gravel of the aquifer under the riverbed at depths of 60 to 90 feet. The City also has a secondary source of drinking water at Heindon Groundwater Well. The well was taken offline in 2016 for conservation purposes and is currently being refurbished to serve as an emergency or auxiliary domestic water source.

Wastewater

The City collects wastewater from the City's service area, and also receives wastewater from the Fieldbrook-Glendale Community Services District. The wastewater is treated at the Arcata Wastewater Treatment Facility located at the edge of Humboldt Bay. Treated effluent is used in enhancement wetlands and is then ultimately discharged into Humboldt Bay. The treatment requirements are set by the North Coast Regional Water Quality Control Board. Treatment requirements are set based on the characteristics of the wastewater entering the plant, the characteristics of the receiving water, and other factors. The City is currently in the process of constructing improvements to the existing Arcata Wastewater Treatment Facility, wetland enhancement, and discharge system. The City approved project and CEQA process is the result of many years of planning and design and is intended to provide treatment upgrades and replacement of aging infrastructure.

The envisioned upgrades were divided into two phases. The City's primary purposes in pursuing the Phase I upgrades, which are currently under construction as noted above, are to provide reliable service to the community now and in the future, replace aging critical infrastructure from the late 1980s, reconfigure to a single pass flow through the treatment facility and enhancement wetlands, and upgrade the disinfection system to

ultraviolet light (UV). These improvements allow the City to continue to provide reliable wastewater treatment while improving existing levels of regulatory compliance for the protection of water quality and public health. Phase II upgrades have been envisioned to include construction of oxidation ditches and a secondary clarifier as a parallel treatment system within the core of the treatment facility. The potential implementation of Phase II will be evaluated after Phase I improvements are complete and treatment performance and regulatory compliance can be assessed. Concurrently the City is undergoing a feasibility study with technical assistance from the State Water Board to assess feasible alternatives for subsequent wastewater facility improvements while preparing for sea level rise beyond the design life of the Phase I improvements (2055). This multi-phase project is consistent with the proposed General Plan 2045.

CEQA does not require analysis of the impact of existing environmental conditions, such as sea level rise, on the future users or residents of a project, except when a project exacerbates an existing condition (*CBIA v. BAAQMD, 2015*). Implementation of the General Plan 2045 includes policy updates and proposed land use changes to accommodate the anticipated population growth over the planning horizon (to 2045) in tandem with the multi-phase wastewater treatment facility upgrades and other existing projects. As mentioned, the City is undergoing a feasibility study to explore design alternatives and sea level rise planning beyond the existing multi-phase wastewater treatment facility upgrades which has a design life to 2055. Therefore, the potential impacts from implementation of the General Plan 2045 on sea level rise are not addressed in this Draft EIR because the Project would not produce wastewater in excess of what the system could accommodate and would not exacerbate the constraints of sea level rise on the wastewater treatment facility.

The City operates and maintains a vast municipal storm drainage system that consists of miles of pipe, open drainage ditches, and detention basins. The detention basins have water quality features incorporated into them. There are eight creeks traversing the Urban Area that accept storm water runoff. They are Jacoby, Jolly Giant, Janes, Sunset, Grotzman, Fickle Hill, Beith, and Campbell. For many years, the City has been committed to improving the quality of urban runoff through the development and implementation of a proactive, comprehensive storm water management program that recognizes its unique position in the Humboldt Bay watershed and the need to protect these important resources.

Stormwater management is governed by federal, state, and local requirements. The Municipal Storm Water Program is through U.S. EPA and is implemented and enforced by the State Water Resources Control Board and Regional Water Quality Control Boards (collectively, the Water Boards). The Municipal Storm Water Program regulates storm water discharges from municipal separate storm sewer systems (MS4s) throughout California. For municipalities under 100,000 people, such as Arcata, the Phase II Permit Program applies.

Solid Waste

The Arcata City Council has developed a universal curbside solid waste and recycling collection program alongside the Arcata community. This program provides convenient service, reduces illegal disposal and public health hazards and assists the City in moving towards the goal of zero waste in the community. The City is actively working with its partners across the Humboldt County region towards full compliance with SB 1383 to provide universal organics collection and recycling. Garbage, recycling, and yard waste is collected curbside weekly by Recology Arcata. There are no landfill or recycling centers in the study area, however a CRV buyback facility exists on South G Street. Active permitted in-County transfer stations include the Humboldt Waste Management Authority facilities in Eureka or Samoa, California and the Recology Eel River Transfer Station in Fortuna, California. There are no permitted active landfills in the County.

Energy

The residential, commercial, industrial and agricultural sectors in Humboldt County consumed a total of 940 Gigawatt-hours (GWh) in 2003, and the total peak electrical demand was 158 Megawatts (MW) (SERC 2005). In 2019, the total electricity usage data for Humboldt County from the California Energy Commission’s Energy Reports was 791 GWh, which is a reduction of approximately 149 GWh from the 2003 electrical usage. For natural gas, the total amount consumed for Humboldt County was estimated to be 31.8 million therms (CEC 2019). See Section 6.2 (Energy) for more detail on energy resources in the City and impact analysis of energy resources from implementation of the General Plan 2045.

Telecommunications

Most telecommunications rely on fiber optic cables which provide broadband service. The City and Cal Poly are currently collaborating to improve fiber connections to key locations within Arcata. Existing fiber optic cables connect to Humboldt County from Santa Rosa to the south, and from Singapore via the “Echo” undersea cable system. A telecommunications data center is located in the Gateway Area and is described below.

Utilities and Service Systems within the Infill Opportunity Zones

The “Echo” subsea cable system is a Google project and spans 10,000 miles from Eureka to Singapore, via Guam. The regional portion of the project, which involved laying two undersea fiber optic cables off the coast of Samoa and into the former pulp mill located on the Samoa peninsula, was completed in fall 2021. A datacenter to manage data is located in Arcata, more specifically within the Gateway Area. The undersea fiber optic cable and datacenter are anticipated to be operational by 2023 (Lost Coast Outpost 2021). Additionally, the Inyo Network’s Digital 299 Project - which includes installation of a fiber optic cable (connected to the Echo cable) along Highway 299 to connect to Redding - is underway and will provide improved connectivity to rural northern California communities between the coast and Redding. Other utilities and service systems within the Infill Opportunity Zones are the same as described above.

3.12.3 Regulatory Framework

Federal

Clean Water Act

The Clean Water Act is a federal law enacted by Congress in 1972 that serves as the main regulation for water quality in the United States. It has been revised multiple times and serves as the foundation for various state and local water quality laws across the country. The Act established a fundamental framework for controlling the release of pollutants into U.S. waters. It grants the U.S. Environmental Protection Agency (EPA) the authority to implement federal programs aimed at controlling pollution. These programs include setting standards for water quality in surface water, defining limits for wastewater and effluent discharge from different industries, and implementing measures to control nonpoint-source pollution. The EPA and the U.S. Army Corps of Engineers are responsible for administering the Clean Water Act at the federal level. In California, the State Water Resources Control Board (SWRCB) and the nine Regional Water Quality Control Boards (RWQCBs) oversee the administration and enforcement of the act at the state and regional levels.

Under Section 402 of the Clean Water Act, certain entities must obtain an NPDES permit if they meet specific criteria. This includes construction sites occupying an acre or more of land and municipal, industrial, and commercial facilities that discharge wastewater or stormwater directly into surface water through a defined point source like a pipe or channel. NPDES permits are designed to regulate these discharges and ensure that the receiving surface water meets specific water quality standards.

Federal Safe Drinking Water Act

The Safe Drinking Water Act authorizes the EPA to establish national standards, known as the National Primary Drinking Water Regulations, to safeguard against natural and human-caused pollutants in drinking water. These regulations define maximum allowable levels of contaminants in drinking water and mandate that all water providers in the United States treat water to eliminate these contaminants, with the exception of privately-owned wells serving fewer than 25 individuals. In California, the State Department of Health Services primarily handles enforcement activities related to these standards. If a water system fails to meet the set standards, it is the responsibility of the water supplier to inform its customers.

National Pollutant Discharge Elimination System

In order to regulate the release of pollutants from municipal and industrial sources into the surface waters of the United States, the National Pollutant Discharge Elimination System (NPDES) permit program was established as

part of the Clean Water Act. The federal regulations governing NPDES permits cover a wide range of discharge categories, including point-source discharges from municipal waste and nonpoint-source runoff from stormwater. These permits typically outline limits on pollutant concentrations or emissions in the discharged and receiving water, as well as restrictions on discharges not explicitly permitted. NPDES permits also specify actions that the discharger must undertake, such as industrial pretreatment, pollution prevention measures, self-monitoring, and other relevant activities. The NPDES permit program oversees direct discharges of wastewater into water bodies, while the National Pretreatment Program regulates indirect discharges to sewage treatment plants.

Title 40 of the Code of Federal Regulations

Part 258 of Title 40 in the Code of Federal Regulations (CFR) pertains to municipal solid waste landfills under the Resource Conservation and Recovery Act, specifically Subtitle D. These regulations mandate that states establish their own permitting programs that adhere to the federal criteria for landfills. The federal regulations cover various aspects such as the selection of landfill locations, operational requirements, design standards, groundwater monitoring, and proper closure procedures of landfills.

State

California Porter-Cologne Water Quality Control Act

The Porter Cologne Water Quality Control Act (Porter-Cologne) is the primary statute covering the quality of waters in California. Under Porter-Cologne, the SWRCB allocates water rights, adjudicates water right disputes, develops state-wide water protection plans, establishes water quality standards, and guides nine RWQCBs state-wide. The joint authority of water allocation and water quality protection enables the SWRCB to provide comprehensive protection for California's waters. RWQCB boundaries are based on watersheds and water quality requirements are based on the unique differences in climate, topography, geology, and hydrology for each watershed. The RWQCBs regulate water quality under Porter-Cologne through the standards and objectives set forth in Water Quality Control Plans (also referred to as Basin Plans) prepared for each region. The current 2018 Basin Plan prepared by the North Coast Regional Water Quality Control Board provides a definitive program of actions designed to preserve and enhance water quality and to protect beneficial uses of water in the North Coast Region.

Beneficial uses serve as a basis for determining appropriate water quality objectives for the region. To protect these beneficial uses, the Basin Plan sets forth water-resource protection objectives for inland surface waters spanning many parameters. Basin Plan parameters relevant to potential water quality impacts of Project actions include floating material, suspended material, settleable material, oil and grease, sediment, turbidity, pH, dissolved oxygen, temperature, toxicity, waste discharge and effluent limits, pesticides, and chemical constituents.

California Urban Water Management Planning Act

The Urban Water Management Planning Act was enacted by the California Legislature in 1983. It requires urban water suppliers that serve 3,000 or more customers or provide over 3,000 acre-feet of water annually to ensure reliable water service to meet the needs of customers during normal, dry, and multiple dry years. The Act mandates that urban water suppliers adopt and submit an urban water management plan every five years to the Department of Water Resources. Failure to comply with the Act renders urban water suppliers ineligible for funding and drought assistance until their plans are submitted and deemed complete. The objectives of the Act include managing urban water demands and promoting efficient water use. The plan prepared by urban water suppliers must identify water sources, quantify projected water use for 20 years, and outline water demand management measures. The Department of Water Resources must receive a copy of the adopted urban water management plan.

Senate Bill 610 and Senate Bill 221

Senate Bill (SB) 610 (2001) and SB 221 (2002), were enacted to improve coordination between local water supply and land use decisions and ensure sufficient water supply for new development. These laws require

detailed information on water availability to be provided to city and county decision-makers prior to approving large development projects. SB 610 adds requirements to urban water management plans, including the inclusion of groundwater as a water source and a description of water supply projects. Under SB 610, Water Assessments must be furnished to local governments for inclusion in any environmental documentation for certain projects as defined in Water Code 10912 subject to CEQA. SB 221 specifically mandates that local water agencies receive a copy of proposed residential subdivisions with over 500 dwelling units or 500,000 square feet of commercial space and establishes requirements for determining if a sufficient water supply exists. Another law, AB 901 (2001), expands urban water management plan requirements to include information on water quality and strategies to address inconsistent water source availability.

Consumer Confidence Report Requirements

California Code of Regulations (CCR) Title 22, Chapter 15, Article 20 requires all public water systems to prepare a Consumer Confidence Report for distribution to its customers and to the Department of Health Services. The Consumer Confidence Report provides information regarding the quality of potable water provided by the water system. It includes information on the sources of the water, any detected contaminants in the water, the maximum contaminant levels set by regulation, violations and actions taken to correct them, and opportunities for public participation in decisions that may affect the quality of the water provided.

California Integrated Waste Management Act

The California Integrated Waste Management Act, also known as Assembly Bill 939, required each jurisdiction in the state to divert 50 percent of its solid waste from landfill or transformation facilities by 2000, and established a statewide diversion of 75% by 2020 for all municipal solid waste. The California Integrated Waste Management Act also required each County to prepare a Countywide Integrated Waste Management Plan, which is the main planning document for solid waste management in each County. Humboldt County's Integrated Waste Management Plan is the principal planning document for solid waste management in the County, addressing source reduction, household hazardous waste, and countywide landfill capacity needs.

Assembly Bill 939

In 1989, the State passed Assembly Bill (AB) 939, requiring every city and county in the State to develop an integrated waste management planning document called a Source Reduction and Recycling Element. AB 939 and its accompanying regulations specified the content for the City's Source Reduction and Recycling Element and required a detailed plan for achieving "landfill diversion" goals of 25% by 1995, and 50% by 2000.

California Assembly Bill 341

Assembly Bill (AB) 341 aims to decrease greenhouse gas emissions by diverting commercial solid waste to recycling initiatives and promoting the growth of recycling services and facilities in California. The law mandates that businesses producing four or more cubic yards of garbage per week and multi-family dwellings with five or more units must implement recycling practices by July 1, 2012. AB 341 also establishes a statewide target of achieving a 75 percent waste diversion rate.

California Assembly Bill 1826

Assembly Bill (AB) 1826 requires businesses to recycle their organic waste on and after April 1, 2016, depending on the amount of waste they generate per week. This law also requires that on and after January 1, 2016, local jurisdictions across the state implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. Organic waste for the purposes of AB 1826 means food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste. The law phased in the requirements for businesses over time, while offering an exemption process for rural counties. Additionally, the law contains a 2020 trigger that further increased the scope of affected businesses.

California Senate Bill 1016

SB 1016 mandates that the 50 percent solid waste diversion target outlined in Assembly Bill (AB) 939 should be measured in pounds per person per day. SB 1016 also modified the review process conducted by CalRecycle for integrated waste management plans of each municipality. Following the initial determination of diversion requirements in 2006 and the establishment of diversion rates for subsequent years, the Board assesses a jurisdiction's compliance with diversion rates according to a specified schedule. Starting from January 1, 2018, the Board is required to review a jurisdiction's source reduction and recycling element as well as hazardous waste element once every two years.

Senate Bill 1383

SB 1383 was signed by Governor Jerry Brown in September 2016 and addresses short-lived climate pollutants. The final implementing regulations were adopted in November 2020 and require a 50% reduction in the level of statewide disposal of organic waste from the 2014 level by 2020 and a 75% reduction in the level of statewide disposal of organic waste from the 2014 level by 2025. Included in the regulations is a goal of rescuing at least 20% of currently disposed edible food. SB 1383 includes requirements within six main categories:

- Provide organics collection services to all residents and businesses
- Establish an edible food recovery program
- Conduct education and outreach to the community
- Procure recyclable and recovered organic products
- Secure access to recycling and edible food recovery capacity
- Monitor compliance and conduct enforcement

Utility Notification Requirements

Title 8, Section 1541 of the California Code of Regulations requires excavators to determine the approximate locations of subsurface installations such as sewer, telephone, fuel, electric, and waterlines (or any other subsurface installations that may reasonably be encountered during excavation work) prior to opening an excavation. The California Government Code (Sections 4216 et seq.) requires owners and operators of underground utilities to become members of and participate in a regional notification center. According to Section 4216.1, operators of subsurface installations who are members of, participate in, and share in the costs of a regional notification center are in compliance with this section of the code. Underground Service Alert North (USA North) receives planned excavation reports from public and private excavators and transmits those reports to all participating members of USA North that may have underground facilities at the location of excavation. At this point, members of the regional notification center would mark or stake their facilities, provide information, or give clearance to dig (USA North 2014).

California Public Utilities Commission

The California Public Utilities Commission (PUC) regulates privately owned electric, natural gas, communications, water, sewer utilities, railroads, and passenger transportation companies in the State. Regulations are established that ensure the public safety and reasonable rates. The PUC does not regulate personal private utility systems (such as individual water wells, solar panels, private roads, etc.), or private utility associations (such as Community Service Districts).

Building Energy Efficiency Standards – Title 24

California’s energy code is designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings. The California Energy Commission updates the Building Energy Efficiency Standards (Title 24, Parts 6 and 11) every three years by working with stakeholders in a public and transparent process.

Local

The Urban Services Boundary encompasses the area wherein urban development is expected to occur during the General Plan 2045 planning period; this can include areas within and outside of the City Limits. The Urban Service Boundary includes areas within Humboldt County and within the Coastal Zone. Therefore, this section includes City of Arcata General Plan and City Local Coastal Program policies for the portions of the Project within City limits and within the Coastal Zone. This section also includes Humboldt County General Plan policies for the area within County jurisdiction, and regulations from the County's Humboldt Bay Area Plan Local Coastal Plan for the area co-located within County jurisdiction and within the Coastal Zone.

City of Arcata General Plan 2020

The City of Arcata General Plan 2020 addresses utilities and service systems in its Public Facilities and Infrastructure Element. The following policies from the Arcata General Plan 2020 were used to analyze the difference in existing versus proposed policies in the Arcata General Plan 2045.

Policy PF-1: Water Supply and Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies. Applicable sub-policies:*

Applicable sub-policies:

- ***PF-1a: Water supply.*** *Surface and subsurface water quantities that supply the City are dependent on rainfall and adequate upstream storage. The City shall continually monitor the water quantity and quality in its system and adhere to the Humboldt Bay Municipal Water District's rationing system to ensure that adequate supplies reach all users. The City shall also develop additional water sources to meet current peak use and future use demands.*
- ***PF-1b: Capacity and management of City water delivery system.*** *The City shall update its Urban Water Management Plan, at least every five years, to maintain current projections, management, and contingency programs for water delivery. The Plan shall identify needed water delivery system improvements and anticipated extensions so that they can be budgeted for in the City's Capital Improvement Program. The City water system shall not be extended beyond the Urban Services Boundary (except as provided for in Policy GM-4b of the Growth Management Element).*

  The City shall update its Water Master Plan, at least every five years, to assess system efficiency and ensure that there is adequate storage capacity and fire flows to meet City needs.
- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation. Water rates will continue to be higher for consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.*
- ***PF-1d: Water quality.*** *The City shall perform periodic testing and, if necessary, treatment of its domestic water supply to ensure that it meets all state and federal safe drinking water standards, as required by the federal safe drinking water act.*

Policy PF-2: Wastewater Collection, Treatment & Disposal

Objective. *Collect and treat wastewater to achieve safe water quality standards, utilizing the City's internationally renowned marsh treatment facility.*

Applicable sub-policies:

- ***PF-2a**: **Capacity and management of City wastewater collection system.** The wastewater collection system is designed to transport community sewage to the treatment plant. The City shall update its Collection System Maintenance Program, at least every five years, to maintain current projections, management, and contingency programs for wastewater collection. The Plan shall identify needed collection system improvements and anticipated extensions, so that they can be budgeted for in the City's Capital Improvement Program. The City shall continue to monitor groundwater infiltration and surface water inflow (I/I) and take necessary action to ensure that these sources do not cause the collection system or the treatment plant to exceed capacity. The City wastewater collection system shall not be extended beyond the Urban Services Boundary except as provided in Policy GM-4b.*
- ***PF-2b: Arcata Marsh wastewater treatment system.** The City shall update its Wastewater Treatment Plant Master Plan, at least every five years, to evaluate the entire system; reflect any changes in treatment standards; ensure wastewater treatment is meeting current standards; verify that there is adequate treatment system capacity; and assure adequate water flows to maintain habitat.*

  The City shall maintain the existing facilities of the Arcata Marsh and Wildlife Sanctuary and construct new facilities consistent with the Marsh Enhancement Plan adopted by the City Council.
- ***PF-2c: Compliance with California Regional Water Quality Control Board wastewater treatment and discharge standards.** The City shall regularly test its wastewater and make necessary adjustments in treatment levels, to ensure that it meets California Regional Water Quality Control Board standards. The City shall also keep its National Pollution Discharge Elimination System Permit (NPDES) current and in compliance with U.S. Environmental Protection Agency standards.*
- ***PF-2d: Composting and disposal of sludge and other system byproducts.** The City includes sewage sludge in compost processed at the treatment plant. The City uses this composted material as a soil amendment. The City shall continue this practice as an efficient means of recycling treatment plant by-products and shall investigate the possibility of selling excess compost to generate revenue.*
- ***PF-2e: Treatment of wastewater from other communities.** The City, until 2012, accepts for treatment wastewater from the unincorporated community of Fieldbrook. This practice may continue as long as there is adequate treatment system capacity. The City shall not enter into any new agreements for processing wastewater from other communities.*
- ***PF-2f: Maintain the Joint City/Humboldt State University Wastewater Utilization Program.** Humboldt State University faculty and students were instrumental in the design, testing, and development of the Arcata Marsh and Wildlife Sanctuary. The City and the University jointly participate in a wastewater utilization program, which provides ongoing research projects for students studying wastewater, stormwater, and water quality issues. The City and University maintain a five-year agreement to operate the program, with the City providing the funding and the University providing the student research and faculty advisors. The City shall renew the program with the University when the current agreement ends, as long as there are funds available to compensate the University.*

Policy PF-3: Stormwater Management

***Objective.** Implement the City's drainage master plan to utilize natural drainage systems; minimize increases in stormwater runoff, flooding, and erosion; maintain the integrity of stream hydrology; reduce pollutant loads; and acquire easements and properties for effective drainage management.*

Applicable sub-policies:

- ***PF-3a: Utilization of City streams and watercourses as natural drainage systems.** Arcata's network of creeks provide a natural drainage system, however, they are very susceptible to damage from urban pollutants carried by runoff, and from drainage facilities that alter creek flows and natural functions. The City shall utilize creeks for urban drainage only when the basic natural functions will not be degraded.*
- ***PF-3b: Control of stormwater runoff, flooding, and erosion** .Stormwater runoff, especially at peak flows, can cause significant flooding and erosion if adequate precautions have not been taken. As*

stated in the Drainage Master Plan, the City shall manage the storm and surface water system in Arcata to maintain a hydrologic balance in order to protect water quality, prevent property damage, provide for the safety and enjoyment of citizens, and preserve and enhance habitat and sensitive areas.

- ***PF-3c: Stormwater quality.*** *Enforce surface water controls, facilities such as detention basins and natural infiltration areas, and education programs to protect surface and ground-water quality.*
- ***PF-3d: City drainage system.*** *The City shall take a comprehensive approach to drainage system management in order to effectively control the quantity of stormwater runoff, assure water quality, and reduce potential flood damage from peak flows. As stated in the City Drainage Master Plan, the City shall gradually expand the City managed drainage system to:*
  1. *Continue maintenance of all drainage facilities within public right-of-way, regardless of size.*
  2. *Extend responsibility onto private property only when permanent easements are dedicated or otherwise available from the private property owner, and need is established based on technical criteria.*
  3. *Define service limits upstream of the City as the point at which runoff from a publicly (not county) dedicated street enters the drainage system, or when a drainage feature needs repairs/improvements which have public benefits that exceed the cost of said repairs/improvements.*
- ***PF-3e: Easements and properties for drainage management.*** *The City shall secure the easements and properties necessary to complete and maintain the drainage system identified in the Drainage Master Plan.*

Policy PF-6: Integrated Waste Management

Objective. *Reduce solid waste generation at the source; maximize re-use and repair of appropriate items and material; promote composting and recycling; and properly transport non-recyclable solid waste to approved disposal sites.*

Applicable sub-policies:

- ***PF-6a: Source reduction.*** *Source reduction and materials re-use are the most cost effective ways to minimize solid waste. Source reduction, or waste prevention, reduces the growing costs of collection, recycling, and disposal systems. Source reduction and re-use shall be promoted through educational programs and incentives. Examples of effective source reduction and re-use activities that shall be promoted are:*
  1. *Backyard composting, landscaping with low water needs, and grass mulching.*
  2. *Purchasing durable re-usable goods instead of disposable items (e.g., cloth diapers, rechargeable batteries).*
  3. *Repairing equipment and appliances.*
  4. *Purchasing goods from second-hand stores, flea-markets and swap meets.*
  5. *Reducing the use of packaging by buying in bulk or purchasing fresh food at farmers markets.*
  6. *Electronic mail and forms, double-sided copying and re-use of scrap paper.*
  7. *Reusable coffee cups and beverages provided in dispensers.*
  8. *Termination of unwanted mail.*
  9. *Incentives such as on-call garbage collection and differential solid waste fees shall be used to encourage source reduction.*

  The Source Reduction and Recycling Element shall be updated every five years and shall incorporate the most efficient and cost-effective source reduction programs.
- ***PF-6b: Recycling.*** *The City's recycling program shall continue and expand, unless a more efficient and cost-effective method of collecting and reusing materials is identified. The City shall continue to*

contract for recycling, collection, and processing, in order to help meet and exceed the State diversion goal. The following programs shall also be promoted:

1. *Collection of commercial corrugated cardboard.*
2. *Collection of office paper.*
3. *City procurement policies and practices favoring reusable and recycled products.*
4. *Implementation of density bonuses for buildings designed to promote recycling.*
5. *The City's active involvement in the Humboldt County Recycling Market Development Zone.*
6. *Educate the public to "close the loop" and buy locally-made products with recycled content.*
7. *Recycling education that includes self-haul services for recyclable materials not collected curbside.*
8. *Encourage the development and expansion of recycling-based manufacturing.*
9. *After the year 2000, in order to minimize increases in solid waste volumes and maximize the amount of material returned to productive use, the City shall continue these programs with a target of reducing landfill volumes 10% every five years.*

- ***PF-6c: Collection, transport and disposal of non-recyclable solid waste.*** *The City shall continue to contract for solid waste collection, transport, and disposal. Solid waste collected for disposal shall be transported to an approved landfill, or other approved solid waste processing or disposal facility. The City will provide education materials about proper use and disposal of household hazardous waste, non-toxic alternatives to household hazardous waste, and recycling of materials (e.g., motor oil, anti-freeze, paint, batteries) in conjunction with recycling centers and local businesses.*

Proposed City of Arcata General Plan 2045

Policies in the proposed General Plan 2045 relating to utilities and services in the Public Facilities and Infrastructure Element include:

Policy PF-1: Water Supply and Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies.*

Applicable sub-policies:

- ***PF-1a: Water supply****. Surface and subsurface water quantities that supply the City are dependent on rainfall and adequate upstream storage. The City shall continually monitor the water quantity and quality in its system and adhere to the Humboldt Bay Municipal Water District's rationing system to ensure that adequate supplies reach all users.*
- ***PF-1b: Capacity and management of City water delivery system.*** *The City shall update its Urban Water Management Plan, at least every five years, to maintain current projections, management, and contingency programs for water delivery. The City water system shall not be extended beyond the Urban Services Boundary (except as provided for in Policy GM-4b of the Growth Management Element).*

  The City shall continue to assess through its Capital Improvement Program needed water delivery system improvements and storage capacity to meet demand and capacity to respond to emergencies including fire and disruption in water service from Humboldt Bay Municipal Water District.
- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation and shall remain in compliance with Humboldt Bay Municipal Water District policy regarding its Five-Stage Water Rationing System. Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices,*

Water rates will continue to be higher for consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. Building and site development permits that require connections to the City's water system shall incorporate water conservation design features and best management practices.

The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.

In response to water shortages, the City will work cooperatively with the regional water supplier and the supplier's other municipal customers to implement an effective water shortage contingency plan that defines response actions based on the severity of the water shortage. End use prohibitions shall be determined based on current conditions, recommendations of a regional task force, and historic water use data and trends, and will be considered for mandatory penalties, charges and other escalating enforcement actions including education and outreach, issuing a verbal/written warning, penalty assessment, and water service termination. The City may consider imposing sharply graduated excessive use rates and/or excessive use fines, additional forms of water rationing, warnings, and physical flow restrictions to water users who fail to respond to less severe sanctions.

- ***PF-1d: Water quality.*** *The City shall perform periodic testing and, if necessary, treatment of its domestic water supply to ensure that it meets all state and federal safe drinking water standards, as required by the federal safe drinking water act.*
- ***PF-1e: Water loss.*** *The City shall perform annual water loss audits to identify and better understand the type of and quantity of water losses occurring in the water distribution system. The City shall ensure that it meets any water conservation/water loss standards promulgated by the State Water Resources Control Board.*

Policy PF-2: Wastewater Collection, Treatment & Disposal

Objective. *Collect and treat wastewater to achieve safe water quality standards, utilizing the City's internationally renowned marsh treatment facility No change to text from the General Plan 2020.*

Applicable sub-policies:

- ***PF-2a: Capacity and management of City wastewater collection system.*** *The wastewater collection system is designed to transport community sewage to the treatment plant. The City shall update its Sewer System Management Plan at least every five years, to maintain current projections, management, and contingency programs for wastewater collection. The Plan shall identify needed collection system improvements and anticipated extensions, so that they can be budgeted for in the City's Capital Improvement Program. The City shall continue to monitor groundwater infiltration and surface water inflow (I/I) and take necessary action to ensure that these sources do not cause the collection system or the treatment plant to exceed capacity. The City shall also consider adopting building and land use code policies that provide incentives for design, operation, and technology for buildings and sites to minimize wastewater as well as stormwater loads. The City wastewater collection system shall not be extended beyond the Urban Services Boundary except as provided in Policy GM-4b.*
- ***PF-2b: Arcata wastewater treatment system.*** *The City shall continually review and update its Arcata Wastewater Treatment Facility Operations and Maintenance Manual, at least every five years, to evaluate the entire system; reflect any changes in treatment standards; ensure wastewater treatment is meeting current standards; verify that there is adequate treatment system capacity; and assure adequate water flows to maintain habitat. The City shall ensure ongoing treatment system planning and investments are consistent with mid- and long-range climate adaptation goals, which balance preserving the City's existing investments with habitat restoration and sea level adaptation priorities. Goals, priorities, planning assumptions, and the best available science on which they are based, shall be reviewed publicly through City committees and the Planning Commission at the discretion of the City Council.*

- ***PF-2c: Compliance with California Regional Water Quality Control Board wastewater treatment and discharge standards****. Protecting surface and ground water quality, preventing water pollution, restoring water quality in waterways and wetlands within the City and in receiving waters of California and the United States shall guide design, construction, and operation of the City's water management infrastructure. The City shall use necessary resources to comply with State Regional Water Quality Control Board wastewater treatment and discharge standards. The City shall regularly test its wastewater discharges and make necessary adjustments in treatment processes to ensure that effluent meets the State Regional Water Quality Control Board and National Pollution Discharge Elimination System (NPDES) permit standards.*
- ***PF-2d: Composting and beneficial reuse of biosolids and other system byproducts.*** *The City includes biosolids in compost processed at the treatment plant. The City uses this composted material as a soil amendment. The City shall continue this practice as an efficient means of recycling treatment plant by-products and shall investigate the possibility of selling excess compost to generate revenue. This requires the City to protect the quality of its sludge by implementing an industrial and high-volume discharger wastewater pre-treatment program. (See Policy PF-2g Source Control Program, below.)*
- ***PF-2e: Treatment of wastewater from other communities.*** *The City accepts for treatment wastewater from the Fieldbrook Glendale Community Services District. This practice may continue as long as there is adequate treatment system capacity. The City shall not enter into any new agreements for processing wastewater from other communities, nor shall the City accept additional loadings from any connection from other communities through the Fieldbrook Glendale system.*
- ***PF-2f: Maintain the Joint City/ Cal Poly Humboldt Wastewater Utilization Program.*** *Recognize that Cal Poly Humboldt faculty and students were instrumental in the design, testing, and development of the Arcata Marsh and Wildlife Sanctuary. The City and the University jointly participate in a wastewater utilization program, which provides ongoing research projects for students and faculty studying wastewater, stormwater, and water quality issues. The City and University maintain an agreement to operate the program. The City shall renew the program with the University when the current agreement ends, and should collaborate with the Cal Poly faculty in seeking funds for future research.*
- ***PS-2g: Source control program.*** *The City shall maintain a source control and pretreatment program that provides the legal authority to regulate non-domestic sewer use to control discharges of industrial waste. The source control and pretreatment program shall include legal authority, local limits, pretreatment permitting, and an enforcement response plan.*

Policy PF-3: Stormwater Management

Objective. *Implement the City's Drainage Master Plan and abide by the MS4 Permit to utilize natural drainage systems; minimize increases in stormwater runoff, flooding, and erosion; maintain the integrity of stream hydrology; and reduce pollutant loads.*

Applicable sub-policies:

- ***PF-3a: Utilization of City streams and watercourses as natural drainage systems.*** *Arcata's network of creeks provides a natural drainage system, however, this system is very susceptible to damage from urban pollutants carried by stormwater runoff, and from drainage facilities that alter creek flows and natural functions. The City shall utilize creeks for urban drainage only when the basic natural functions of the creeks will not be degraded.*
- ***PF-3b: Control of stormwater runoff, flooding, and erosion.*** *Stormwater runoff, especially at peak flows, can cause significant flooding and erosion if adequate precautions have not been taken. As stated in the Drainage Master Plan, the City shall manage the storm and surface water system in Arcata to maintain a hydrologic balance in order to protect water quality, prevent property damage, provide for the safety and enjoyment of citizens, and preserve and enhance habitat and sensitive areas.*

- ***PF-3c: Stormwater quality.*** *Implement the City's Phase II MS4 Permit to reduce the discharge of pollutants to the maximum extent practicable and protect water quality. Manage surface water controls, facilities such as detention basins and natural infiltration areas, and education programs to protect surface and ground-water quality.*
- ***PF-3d: City drainage system.*** *The City shall take a comprehensive approach to drainage system management in order to effectively control the quantity of stormwater runoff, protect water quality, and reduce potential flood damage from peak flows. As stated in the City Drainage Master Plan, the City shall gradually expand the City managed drainage system to:*
  1. *Continue maintenance of all drainage facilities within public right-of-way, regardless of size.*
  2. *Extend responsibility onto private property only when permanent easements are dedicated or otherwise available from the private property owner, and need is established based on technical criteria.*
  3. *Define service limits upstream of the City as the point at which runoff from a publicly (not county) dedicated street enters the drainage system, or when a drainage feature needs repairs/improvements which have public benefits that exceed the cost of said repairs/improvements.*
  4. *Integrate green stormwater infrastructure into streets and public spaces to create attractive public areas while also capturing and treating runoff to meet water quality requirements. In this context "Green Infrastructure" is defined as the range of measures that use plant or soil systems, permeable pavement or other permeable surfaces or substrates, stormwater harvest and reuse, or landscaping to store, infiltrate, or evapotranspire stormwater and reduce flows to sewer systems or to surface waters.*
- ***PF-3e: Easements and properties for drainage management.*** *No change to text from the General Plan 2020.*

Policy PF-6: Integrated Waste Management

Objective. *Reduce solid waste generation at the source; maximize re-use and repair of appropriate items and material; promote composting and recycling; and properly transport non-recyclable solid waste to approved disposal sites. Coordinate with regional bodies to develop effective regional solid waste management systems. Ensure new development is adequately sited and designed, including adequate physical space, for solid waste bins.*

Applicable sub-policies:

- ***PF-6a: Source reduction.*** *Source reduction and materials re-use are the most cost-effective ways to minimize solid waste. Source reduction, or waste prevention, reduces the growing costs of collection, recycling, and disposal systems. Source reduction and re-use shall be promoted through educational programs and incentives. Examples of effective source reduction and re-use activities that shall be promoted are:*
  1. *Backyard composting, landscaping with low water needs, and grass mulching.*
  2. *Purchasing durable re-usable goods instead of disposable items (e.g., cloth diapers, rechargeable batteries).*
  3. *Repairing equipment and appliances.*
  4. *Purchasing goods from second-hand stores, flea-markets and swap meets.*
  5. *Reducing the use of packaging by buying in bulk or purchasing fresh food at farmers markets.*
  6. *Moving away from using paper copies for as much City business as possible by working with electronic mail, forms, and agendas, and re-using of scrap paper if possible, if coping is necessary.*
  7. *Reusable coffee cups and beverages provided in dispensers.*
  8. *Termination of unwanted mail.*
  9. *Incentives such as on-call garbage collection and differential solid waste fees shall be used to encourage source reduction.*

- ***PF-6b: Recycling.*** *The City's recycling program shall continue and expand, unless a more efficient and cost-effective method of collecting and reusing materials is identified. The City shall continue to contract for recycling, collection, and processing, in order to help meet and exceed the State diversion goal. The following programs shall also be promoted:*
  1. *Collection of commercial corrugated cardboard.*
  2. *Collection of office paper.*
  3. *Collection of organic waste.*
  4. *City procurement policies and practices reflecting State requirements for purchasing recycled content paper products.*
  5. *Implementation of density bonuses for buildings designed to promote recycling.*
  6. *The City's active involvement in the Humboldt County Recycling Market Development Zone.*
  7. *Public education the public to "close the loop" and buy locally-made products with recycled content.*
  8. *Public education on recycling that includes self-haul services for recyclable materials not collected curbside.*
  9. *Support for development and expansion of recycling-based manufacturing.*

  In order to minimize increases in solid waste volumes and maximize the amount of material returned to productive use, the City shall continue these programs with a target of reducing landfill volumes as specified in the Zero Waste Action Plan.
- ***PF-6c: Collection, transport and disposal of non-recyclable solid waste.*** *The City shall continue to contract for solid waste and recycling collection, transport, and disposal and will amend relevant Franchise Agreements to include the collection and transport of organic waste in the future to comply with state waste and organics regulations (e.g. SB 1383). The City is supportive of organic processing and will work with regional partners to develop an in-County organics processing facility. The City will provide educational materials about proper use and disposal of household hazardous waste, non-toxic alternatives to household hazardous waste, and recycling of materials (e.g., motor oil, anti-freeze, paint, batteries) in conjunction with local governmental and businesses partners.*

City of Arcata Local Coastal Program

There are no policies within the City of Arcata's Local Coastal Plan that regulate utilities and service systems.

City of Arcata Zero Waste Action Plan

In 2017, the City adopted a Zero Waste Action Plan that built upon the state required Source Reduction and Recycling Element (AB 939). The Zero Waste Action Plan included guiding principles, goals, and near-, mid-, and long-term implementation programs; including the goal of achieving 90% landfill diversion by 2027.

3.12.4 Evaluation Criteria and Significance Thresholds

The adoption and implementation of the General Plan 2045 would be considered to have a significant impact on utilities and service systems if it would result in any of the following:

- Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction of which could cause significant environmental effects;
- Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years;
- Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments;

– Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals; or
– Comply with federal, state, and local management and reduction statutes and regulations related to solid waste.

3.12.5 Methodology

Impact assessment considered the existing policies and operations, and future projected demand of the water, wastewater, stormwater, and solid waste systems within the study area. Anticipated future demand was calculated using existing data of average usage, extrapolated based upon total anticipated population in 2045 (27,000 people).

3.12.6 Impacts and Mitigation Measures

Impact UTL-a: **Would adoption and implementation of the General Plan require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electrical power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?**

Water Treatment

The Humboldt Bay Municipal Water District (District) supplies water to the City of Arcata as well as the City of Blue Lake, City of Eureka, Fieldbrook Glendale Community Services District, Humboldt Community Services District, Manila Community Services District, and McKinleyville Community Services District. Based on email correspondence from Humboldt Bay Municipal Water District General Manager on June 30, 2022, with further clarifications received by email on April 12, 2023, the District has current domestic treatment capacity of 20 Million Gallons Per Day (MGD). Peak demand from the municipalities is only 7 to 13 MGD and so the District currently has a minimum of 7 MGD of excess treatment capacity available for use, which equates to a minimum of 35% growth potential for the entire service area. Some areas of the District's service area will tend to grow at a greater rate than others depending on local planning and other factors. The growth in water demand for Arcata can be evaluated based on existing water demand characteristics, and the characteristics and amount of projected growth within the planning horizon (to 2045).

Based on recent water use data for the City of Arcata, average water use during the peak summer demand period varies between approximately 1.7 MGD and 2.0 MGD and the maximum day demand has been recorded at up to 2.7 MGD. Given a 2020 population of 18,857, this equates to a typical peak summer demand of approximately 90 to 106 gallons per capita day (gpcd) and a maximum day demand of approximately 143 gpcd. As a community water system grows in size, the peak demands do not typically grow as fast as the population assuming future users are similar to existing users. This is due to several factors including water conserving fixtures in new developments, higher density development with less outside landscape irrigation, the moderating effect of a larger user base, and other factors. However, for the purposes of this analysis, a conservative approach is used, and it is assumed that future per capita peak water demands will be the same as existing and that future water demands will be directly proportional to population growth.

The water supply must meet the needs of a projected population of 27,000 people in 2045, which represents a 43% growth over 2020. This growth in population will need a commensurate growth in treated water supply. Based on the current per capita peak water demands and the planned population increase, the 2045 peak summer demand period is therefore projected to vary between approximately 2.4 MGD and 2.9 MGD and the maximum day demand could be up to 3.9 MGD.

For a community water system to satisfy customer demands, there needs to be a source of supply capable of meeting long term average demands and then additional water from local storage within the distribution system can help meet peak demands and provide additional stored water for emergencies such as temporary

interruptions of supply. The local storage reservoirs help smooth out the variations in customer demand with the rate of supply. The City maintains 16 storage reservoirs throughout the distribution system to help meet peak demands and enhance overall distribution system reliability. One additional reservoir is currently under construction and when complete in the fall of 2023, the City will have a total of 5.8 million gallons of storage.

Therefore, given the available Humboldt Bay Municipal Water District treatment capacity, projected Arcata peak water demands over the planning horizon, and existing storage reservoirs within the City distribution system, the existing water treatment capacity is sufficient to meet programmed future growth over the 2045 planning horizon, and no impact would occur.

The District will need to regularly operate and maintain their treatment system and they may have to upgrade portions of the treatment system to comply with future regulatory mandates. Such operations, maintenance, and upgrades are associated with the management of the potable water production system that serves all municipal customers and would not be necessitated by the planned growth in Arcata.

Wastewater Treatment

When evaluating the capacity of the treatment plant following the current upgrade project (Phase I, described above under the 3.12.2 (Setting)), the dry weather flow, and the wet weather flow are important parameters to consider.

Dry weather flows are generally a measure of the wastewater coming from domestic, commercial, and industrial sources. Wet weather flows on the other hand, represent the dry weather flow plus rainwater that enters the collection system through inflow and infiltration. Inflow is predominately due to direct connections from down spouts, area drains, storm drains, and flow in through manhole covers into the wastewater collection system. Infiltration is groundwater leaking into the wastewater collection system through gaps in the piping and manholes.

Dry weather flow tends to be relatively stable year to year and increase as population and other developments increase, although some variation between years is common. Wet weather flows, on the other hand, can fluctuate year to year based on factors such as the amount and timing of precipitation, groundwater elevation, and the size and condition of the collection system. The condition of the collection system is of critical importance in terms of managing inflow and infiltration into the system. As the collection system ages, inflow and infiltration tend to increase. This is because over time the ground can settle, materials become brittle, and leaks increase. Also, the types of piping used in years past, even when they were new, are simply not as reliable as modern gasketed plastic pipe.

Newer portions of collection systems using modern construction materials tend to have lower inflow and infiltration values than older portions of collection systems. Therefore, inflow and infiltration values tend not to grow proportionally with population.

The Phase I treatment plant upgrades currently under construction based on the City’s wastewater discharge permit allows for up to 2.3 MGD average dry weather flow and 5.0 MGD average wet weather flow through the facility. The peak instantaneous flow permit limit and hydraulic capacity at the Arcata Wastewater Treatment Facility is much higher at 16.5 MGD, because instantaneous peak flows can be directed to the oxidation ponds, and then when the peak subsides, the water in the ponds can be conveyed to other areas of the treatment system.

During dry weather, when the flows are low, the treatment facility has ample capacity for treating influent flows. However, during the wet season, inflow and infiltration into the City’s sewer collection system increases wet weather influent flow. The limiting factor in the ability for a wastewater management system to accommodate additional population is typically the availability of wet weather capacity and management of wet weather flows. Managing wet weather flows is a combination of providing hydraulic and treatment capacity for increased flows during wet weather periods, while also making system improvements to reduce inflow and infiltration and hence reduce peak flows to the treatment plant.

The City completed a largescale Sewer Inflow and Infiltration Reduction Project in 2019 to reduce groundwater infiltration and surface water inflow into the sewer collection and treatment facility during wet weather periods. Additional improvements to the wastewater collection system have also been accomplished by the City’s Sewer

Lateral Replacement Program. Since ordinance adoption in 2017, this program has required that private sewer laterals connected to houses older than 25 years be inspected, replaced, or repaired if needed, prior to change of ownership.

Preliminary analysis of the recently completed inflow and infiltration project by City staff indicates a reduction of wet weather flows into the treatment facility by approximately 0.5 MGD when precipitation occurs.

For anticipated growth from 2020 to 2045, the 2020 actual flows were first evaluated. In 2020 the average dry weather flow was 1.0 MGD and the average wet weather flow was 1.5 MGD. Given that the permitted capacity of the upgraded facility provides for an average dry weather flow of 2.3 MGD and an average wet weather flow of 5.0 MGD, the Arcata Wastewater Treatment Facility has significant additional capacity available.

The proposed General Plan 2045 projects a population of up to 27,000 people, which represents 43% growth over 2020. If this population growth is applied to the 2020 wastewater flows, the projected average dry weather flow in 2045 would be 1.4 MGD, which is well within the current permitted capacity of 2.3 MGD. As discussed above, the wet weather flows tend not to grow proportionally with population for new developments. However, to be conservative, it was assumed that the same 43% growth would apply to the planning horizon resulting in a projected average wet weather flow of 2.1 MGD in 2045, which is also well within the current permitted capacity of 5.0 MGD. Therefore, the wastewater treatment plant currently being upgraded has sufficient capacity to meet the needs of the projected growth through 2045, and no impact would occur.

Stormwater Treatment

The specific stormwater drainage characteristics of new developments will need to be evaluated as specific proposals compliant with the General Plan 2045 are implemented. The management of stormwater is very specific to the final design characteristics of developments. Therefore, the specific stormwater management requirements are determined during the formal Building Permit process.

The City has taken a series of steps to comply with the Municipal Separate Storm Sewer System (MS4) requirements including adopting Ordinance No 1463 implementing MS4 requirements for post construction activities. Under this ordinance, any applicant for a building and/or grading permit shall, as a condition of receiving such permit, read and sign a certificate stating that the applicant has read the Stormwater Best Management Practice Manual and shall use approved Best Management Practices for all construction activity. The applicant shall submit for approval a Best Management Practices Plan specifying those methods which will prevent the entry of pollutants into the stormwater drainage facilities, including but not limited to the use of filter materials at drain inlets to retain debris, dirt or other pollutants generated by such work. Under the City's MS4 permit, property owners and developers would have to comply with all terms, provisions, and conditions of City approved Best Management Practices Plans. Furthermore, under the City's MS4 permit, all development projects shall comply with the post-construction requirements of the MS4 General Permit, related to the Post Construction Storm Water Management Program, which may include measures for site design, source control, runoff reduction, stormwater treatment, or baseline hydromodification management as applicable based on project type and size. The City shall incorporate MS4 General Permit post-construction requirements, as applicable, in land use entitlements and construction or building-related permits to be issued relative to such development. The responsible party and developer shall comply with the terms, provisions, and conditions of such land use entitlements and permits.

The City also developed and implemented a Stormwater Management Program. This program includes six control measures. Among the control measures, Construction Site Runoff Control and Post-Construction Storm Water Management in New Development and Redevelopment, directly apply to specific projects that could be considered for implementation during the planning horizon of the General Plan 2045.

The City has Stormwater Ordinance No 1319 in place. The stated purpose of the Stormwater Ordinance is to develop a fully comprehensive stormwater pollution control program, as required by the EPA Storm Water Phase II regulations, and as deemed appropriate to minimize or eliminate the impairment of water quality.

The objectives of the Stormwater Ordinance are as follows:

1. To eliminate non-stormwater discharges from public and private properties into the City's stormwater drainage facilities.
2. To reduce to the maximum extent possible contamination of and pollutants entering into the City's stormwater drainage facilities.
3. To initiate the adoption by the City of a Best Management Practices Manual to assist in the reduction or elimination of pollutants in stormwater, and to thereafter impose Best Management Practices on existing and new sources of contamination.
4. To protect and enhance the water quality of the water resources, water bodies, and wetlands of the City of Arcata in a manner consistent with the Clean Water Act.
5. To protect the health, safety, and general welfare of the residents of the City of Arcata by establishing monitoring, compliance, and enforcement procedures.

To help the City administer the Stormwater Ordinance and to comply with applicable federal and state requirements, the City has adopted a series of ordinances, plans, and manuals. The City uses these documents together to manage stormwater within the City and prevent pollution of receiving waters.

The City has adopted Grading, and Erosion and Sediment Control Ordinance No 1255. The purpose of the ordinance is to establish minimum standards for grading activites. The intent is to promote the public safety and general welfare by preventing unreasonable or unnecessary erosion and sediment production and related degradation of natural resources into the City's stormwater drainage systems.

In addition, the City has adopted a Stormwater Best Practices Manual (per Ordinance No 1319). This manual is intended to provide guidance for Best Management Practices pollution control / good housekeeping information for industrial, commercial, municipal, and construction activities. This manual is not intended to substitute for requirements set forth by permit conditions of approval or requirements by other agencies.

The City has also adopted policies regarding creeks and other environmental resources, as well as land use policies and design guidelines for managing stormwater and protecting the environment.

As specific projects are proposed, property developers will need to create plans that comply with the MS4 permit and other applicable stormwater requirements based on the specific characteristics of the project. Therefore, future projects would not adversely impact water quality via stormwater inputs due to compliance with the MS4 permit and other City policies. Implementation of the General Plan 2045 will adhere to these City policies and standards. A less than significant impact would occur.

Electrical Power and Natural Gas

As discussed above in Section 3.12.2 (Setting), there was a 149 Gigawatt-hour (GWh) reduction in electricity usage at the County level between 2003 and 2019. Therefore, any increase in electricity use due to the projected increase in population would be accommodated by existing electrical infrastructure (e.g., substations, power poles, transmission lines) that has provided an additional 149 GWh in the past. It is understood that PG&E has said there is no additional energy capacity for certain areas of Humboldt County; however, adequate infrastructure exists within the City limits. The construction of new dwelling units and businesses would require electrical wiring and connectivity to existing electrical infrastructure; however, this isn't considered an expansion of electrical power. Additionally, with current and future state bills and local initiatives, energy consumption is anticipated to trend downwards as has occurred up to the present.

Per guidance from the California Energy Commission on 2022 Energy Code changes for multi-family and single-family residential development guidelines, all new development is supposed to enable pathways for all-electric buildings while reducing impacts on the electricity grid (CEC 2023a; CEC 2023b). A variety of renewable energy, particularly photovoltaic, is also proposed. Given that energy code changes for future development do not include infrastructure for natural gas use, implementation of the General Plan 2045 would not cause the relocation or construction of new or expanded natural gas infrastructure.

Energy usage under the General Plan 2045 is further discussed and analyzed in Section 6.2 (Energy).

Telecommunications Facilities

Due to the near completion of the Echo undersea cable project, telecommunication connectivity is at its peak regionally. Existing wireless and fiber optic infrastructure within the study area will continue to serve the population and is anticipated to expand commensurate with population growth. The improved anchor of fiber optic connectivity will provide greater telecommunications to the study area either via wireless or hard-wired connectivity.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact UTL-b: Would adoption and implementation of the General Plan result in sufficient water supplies available to serve the study area including reasonably foreseeable future development during normal, dry and multiple dry years?

The City's primary water supply source is through the Humboldt Bay Municipal Water District (District). The District was initially formed in 1956 and the water rights and infrastructure were developed to serve two major pulp mills along with domestic uses.

Based on email correspondence from the Humboldt Bay Municipal Water District General Manager on June 30, 2022, with further clarifications received by email on April 12, 2023, the loss of the pulp mills resulted in the District having excess water rights, and supply capacity. To address this situation, the District board embarked on a Water Resource Planning effort in 2010. This public process resulted in three focus areas for utilization of excess water rights: 1) local sales; 2) transport; and 3) instream flow.

According to the District, the current water production capacity for the District's wholesale municipal customers, which includes the City, is 20 MGD. Current utilization by the District's municipal customers fluctuates between 7 MGD to 13 MGD depending on the time of year. Peak summer demand period varies between approximately 1.7 MGD and 2.0 MGD and the maximum day demand has been recorded at up to 2.7 MGD. As discussed above in question (a), the 2045 peak summer demand period for Arcata is projected to vary between approximately 2.4 MGD and 2.9 MGD and the maximum day demand could be up to 3.9 MGD.

It is typical that the peak summer demands would be supplied by the Humboldt Bay Municipal Water District system and the incremental additional water needed to meet the maximum day demand would come from the 17 storage reservoirs providing 5.8 MG of water within Arcata's distribution system (16 existing and one currently under construction). Therefore, Arcata is projected to need an additional 900,000 gallons per day to meet future peak summer demands (2.9 MGD projected future demand minus 2.0 MGD current demand) based on the assumptions in question (a). Given that the District currently has 7 MGD of excess source water capacity in the domestic system, there is ample capacity to accommodate significant growth in local demand including the projected growth in Arcata through 2045.

While the source of supply from the Humboldt Bay Municipal Water District is adequate to meet Arcata's planned growth, and as discussed under question (a), the District also has adequate treatment capacity, the treated water must be delivered to the customers. As individual projects are considered, the adequacy of the distribution system needed to serve those projects will need to be evaluated. Upgrades and extensions of portions of the distribution system may be necessary to convey water to new developments and provide adequate flow capacity, including fire flows which tend to govern the sizing of pipes. Potential infrastructure-related projects to treat and deliver water would be carried out in conformance with federal, state and local regulations.

Due to the 7 MGD of excess domestic water the District currently has, the projected increase of 900,000 gallons per day and implementation of the Arcata General Plan 2045 would not result in an adverse impact to water supply. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact UTL-c: **Would adoption and implementation of the General Plan result in a determination by the wastewater treatment provider which serves or may serve the General Plan service area that it has adequate capacity to serve the projected demand in addition to the provider's existing commitments?**

The growth planned within the Arcata collection system will be substantially due to increased residential and mixed-use developments and expansion of Cal Poly Humboldt, which is essentially more of the same type of development that currently exists. Therefore, the general characteristics of the wastewater collected from the service area in the future is expected to be similar to the characteristics of the wastewater being collected currently.

Based on the analysis in question (a), the existing wastewater treatment plant has adequate capacity to serve the projected demand through the year 2045 including serving existing commitments. The General Plan 2045 projects a population of 27,000 people, which represents a 43% growth over 2020. If this population growth is applied to the 2020 wastewater flows, the projected average dry weather flow would be 1.4 MGD, which is well within the current permitted capacity of 2.3 MGD. Applying the same 43% growth to wet weather conditions results in a projected average wet weather flow of 2.1 MGD, which is also well within the current permitted capacity of 5.0 MGD. Therefore, the wastewater treatment plant has sufficient capacity to meet the needs of the projected growth through 2045 including meeting the needs of the existing customers.

The Regional Board regularly reviews treatment requirements based on the circumstances and has updated the requirements for the City numerous times over the history of regulating the facility. It is anticipated that the Regional Board will continue to update requirements for the City over time, but since the characteristics of the future wastewater influent stream is anticipated to be similar to what exists today, the planned developments and population growth are not expected to exceed the wastewater treatment requirements that would otherwise be required without the planned growth.

Therefore, implementation of the General Plan 2045 will not cause an adverse impact to wastewater treatment capacity because adequate capacity exists under current and projected conditions No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact UTL-d, e: **Would adoption and implementation of the General Plan 2045 generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? And would adoption and implementation of the General Plan 2045 comply with federal, state and local management and reduction statues and regulations related to solid waste?**

Implementation of the General Plan 2045 would not directly generate solid waste; however, the Plan would promote infill development within the Gateway Area and other Infill Opportunity Zones, as well as throughout the City, which would generate solid waste during construction and use of said future development. The City's Zero Waste Action Plan (2017) is a materials management approach that first prevents waste and then establishes reuse and recycling policies, programs and infrastructure for all discarded materials. The Zero Waste Action Plan established goals for the City's waste generation including diverting at least 90% of waste generated in the community from landfills and incinerators by 2024-2027.

Using 1990 baseline data, the City's 2015 landfill diversion was 68% which is the equivalent of 2.4 pounds of materials disposed in the trash by every person in Arcata daily. This was achieved through curbside recycling collection and a variety of City waste reduction, reuse, and recycling programs addressing a wide range of material types. In 2015, Arcata disposed of 7,938 tons. To reach the 85% goal of reduction of weight from the 1990 baseline, Arcata must reduce, reuse, recycle and/or compost 4,289 additional tons (1.11 pounds / person /

day). To meet the 90% level, Arcata must reduce another 1,168.5 tons for a total disposal of 2,408.5 tons (0.74 pounds / person / day) (City of Arcata 2017).

The City's population is anticipated to increase to up to 27,000 residents over the course of the planning horizon, which is an increase of approximately 8,143 people as compared to 2020 census data. Emissions modeling prepared for the air quality and greenhouse gas analysis (Section 3.3 and Section 3.5 of the Draft EIR, respectively) includes an estimate of solid waste generated by new land use development by 2045. That estimate translates to approximately 2.13 pounds / person / day of new solid waste generation (total new waste divided by total new population). However, this estimate is based on CalRecycle data from 2021 (the information available at the time that CalEEMod was updated in 2022) and does not account for implementation of statewide, regional, and local regulations or measures that decrease waste generation and increase waste diversion after the year 2021.

The intent to decrease per capita disposal coupled with a projected population increase is a challenging combination and it will be difficult for the City to achieve its 90% goal by 2027. Policies PF-6 (Integrated Waste Management) and sub-policies will be implemented with the goal of reducing solid waste generation at the source, promoting composting and recycling and properly transporting non-recyclable solid waste to approved disposal sites. The City is actively negotiating a new franchise agreement with its solid waste hauler Recology to meet State Bill 1383 organics collection requirements. A key provision to be included in the franchise agreement is a greater focus on education and outreach to divert materials from the municipal solid waste stream which would meet Policy PF-6.

There are no federal solid waste regulations that would apply to the Project. Active permitted in-county transfer stations include the Humboldt Waste Management Authority facilities in Eureka or Samoa, California and the Recology Eel River Transfer Station in Fortuna, California. Humboldt Waste Management Authority contracts with the Dry Creek landfill located in Medford, Oregon. There are no permitted active landfills in the county.

The anticipated population growth within the study area would be incremental, averaging approximately an increase of 326 people per year. The local waste reduction goals will theoretically reduce reliance on services from Humboldt Waste Management Authority's solid waste program, with the exception of the recycling program which is anticipated to increase. The anticipated rate of population increase is gradual, and the existing recycling program would modify over time (as needed) to accommodate the population. At the state level, the Integrated Waste Management Act mandates a reduction of waste being disposed and establishes an integrated framework for program implementation, solid waste planning, and solid waste facility and landfill compliance. The Project would not conflict with or impede implementation of such programs due to the local reduction plans, and due to the adequate capacity of the Humboldt Waste Management Authority's recycling program. A less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.12.7 Cumulative Impacts

The geographic boundary for cumulative impact analysis related to utilities and service system impacts would include the Urban Services Boundary (which includes the City limits) as shown on Figure 2-1 (City of Arcata Planning Areas).

Impact UTL-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to Utilities and Service Systems?

As discussed above, the adoption and implementation of the General Plan 2045 would have a less than significant impact on utilities and service systems, namely water, wastewater, stormwater, telecommunications, and solid waste infrastructure. The projects listed in Table 1.10-1 would utilize these utilities and service systems, however all projects would be of short, temporary duration, or would occur incrementally (as with the General Plan 2045) and thereby capacity would be expanded as necessary. There is ample capacity in the utilities and

service systems to accommodate the projected increase in population growth and projects listed in Table 1.10-1. With adherence to applicable federal, state, and local regulations governing utilities and service system resources and compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with utilities and service system resources in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

3.12.8 References

California Energy Commission. 2023a. 2022 Energy Code: Single-family Significant Changes. April.

California Energy Commission. 2023b. 2022 Energy Code: Multi-family Significant Changes. April.

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Lost Coast Outpost. 2021. Google is Putting Money into that Fast Undersea Internet Cable Between Eureka and Singapore, and They Think it'll be Done by 2023. H. Sims. March 30. Available at: https://lostcoastoutpost.com/2021/mar/30/google-putting-money-fast-undersea-internet-cable/

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4.0 Transportation and Circulation

4.1 Introduction

Transportation and Circulation refers to the movement of people and goods throughout the study area and the networks that serve such movement. These networks can include the trails, streets, roads and highways that serve pedestrians, bicyclists, other non-motorized transportation methods, and motor vehicles. The City values transportation and circulation systems that are equitable, sustainable, and efficient.

This Draft EIR analyzes the potential effects of the adoption and implementation of the General Plan 2045 on the environment under the applicable environmental resource categories listed in the CEQA Initial Study Checklist (Appendix G of the 2023 CEQA Guidelines). Draft EIR Chapter 4, Transportation and Circulation, addresses environmental resource area potentially impacted by the General Plan 2045 in the following section:

– 4.2 Transportation

For the transportation environmental resource area, Section 4.2 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the adoption and implementation of the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

4.2 Transportation

This section analyzes the transportation impacts due to adoption and implementation of the General Plan 2045. It describes the Setting and Regulatory Framework relevant to transportation and evaluates the potential transportation impacts that would result from implementation of the General Plan 2045. It provides a level of detail appropriate for a program-level EIR. Future discretionary projects facilitated by the General Plan 2045 will be evaluated for project-specific impacts to transportation at the time they are proposed.

To provide the basis for this evaluation, the Setting section describes the existing transportation network serving the study area. The Regulatory Framework section describes the applicable regulations that are relevant to assessing potential transportation impacts attributable to the Project. The Impact Analysis section establishes the transportation impact evaluation criteria and thresholds of significance, evaluates potential transportation-related impacts, and identifies the significance of impacts. Based on the applicable criteria, the Impact Analysis evaluates the potential for the General Plan 2045 to conflict with programs, plans, ordinances, or policies addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities; conflict with or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b); increase hazards due to a design feature; or interfere with emergency access. The analysis was conducted in accordance with the standards and methodologies set forth by the City.

4.2.1 Study Area

For impact assessment related to transportation, the City's Sphere of Influence was used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

4.2.2 Transportation Setting

Existing Roadway System

Arcata's pattern of highways and streets is similar to many small communities. The central business district has a traditional grid pattern of streets, with a one-way couplet system comprising the primary arterial streets. A series of arterial, collector and local streets surrounds the central business district and serves outlying residential neighborhoods, neighborhood retail sites, schools, parks, Cal Poly Humboldt, and industrial areas. On the outer edges of Arcata, the transportation system is comprised of rural roads and highways serving isolated farms and residences. Arcata is bisected by State Route (SR) 101, the main highway serving the North Coast of California from San Francisco to Oregon. Figure 4.2-1 provides a map showing the existing street functional classification system, based on the current General Plan.

Regional Highways

SR 101, SR 255, and SR 299 are the primary routes connecting Arcata to the region. SR 101 is a four-lane freeway within the City and provides regional access to areas north and south of Arcata. SR 101 has interchanges with City arterials at Samoa Boulevard (SR 255), 14th Street, Sunset Avenue, SR 299 (freeway), and Giuntoli Lane. SR 255 is a 2-lane highway outside of City limits, and a 2- to 4-lane arterial within City Limits, that provides access on the south side of Arcata from SR 101 to the Samoa Peninsula west. SR 299 is a four-lane freeway that provides access on the north side of the City from SR 101 to areas east.

Arterial Streets

The primary function of arterial streets is to provide intracity mobility as efficiently as possible. In addition to interconnecting the various parts of the city, arterial streets also provide some direct multi-modal access to adjacent land uses. Compared to other communities, arterials in Arcata have fewer traffic control devices at intersections. Each of the traffic signals in Arcata are located on Samoa Boulevard (SR 255). Examples of arterials include the "G" and "H" Street one-way couplet, K Street and Alliance Road, Samoa Boulevard and L.K. Wood Boulevard.

Minor Arterial Streets

Minor Arterials primarily provide mobility between arterial and collector streets while also providing direct access to adjacent land uses. Examples include Old Arcata Road, and West End Road within the City limits, and Jacoby Creek Road and Upper Bay Road within the Sphere of Influence.

Collector Streets

Collector streets provide both mobility and direct access to adjacent land uses in about equal proportions. These roadways move vehicular, pedestrian, and bicycle traffic within and between residential, commercial, and industrial areas. As the name implies, collector streets are intended to collect traffic from local streets and channel it to the arterial street system. Examples of collector streets include 7th Street, 14th Street, Union Street, Buttermilk Lane, and Fickle Hill Road.

Local Streets

Local streets mainly serve to provide direct access to adjacent land uses. These low-speed streets provide access between land uses and collector streets. Local streets serve all types of land use including residential, commercial, and industrial. Often, local streets in residential areas are utilized by through traffic, resulting in complaints from residents about speeding and high traffic noise volumes.

Rural Roads

Rural roads are generally two-lane unimproved facilities located on the outer edges of the community, not within the City. Their primary function is to provide connections and access to farms, isolated residential areas, and industrial uses. Rural roads usually do not have typical urban improvements such as underground drainage, lighting, sidewalks, or curbs and gutters. Examples of rural roads in the Arcata area include Mad River Road, Upper Bay Road, Jackson Ranch Road, the western portion of Foster Avenue, and Jacoby Creek Road.

Existing Transit Service

The Arcata & Mad River Transit System (A&MRTS) offers public bus service and is owned and operated by the City, contracted through the Humboldt Transit Authority (HTA). Fixed service routes include the Red, Gold, and Orange Route(s) running along major streets in the City to destinations including City Hall, Uniontown Shopping Center, and Mad River Hospital and to major inter-route transfer points including the Arcata Transit Center and Cal Poly Humboldt. The Willow Creek route offers travel between the communities of Arcata and Willow Creek, located east of Arcata. HTA provides regional public transportation for Humboldt County including service through Arcata via the Redwood Transit System (RTS), a fixed route system serving cities along the SR 101 corridor from Trinidad to Scotia. The RTS has four stops in Arcata including Cal Poly Humboldt and the Arcata Transit Center. The Arcata Transit Center, located on "F" Street between 9th and 10th Streets, provides a centralized transit facility for buses operated by A&MRTS, RTS, Greyhound, and Amtrak. The Transit Center provides a park-and-ride lot and secure bicycle facilities.

Cal Poly Humboldt student ridership is significant during the school season. Cal Poly Humboldt provides unlimited free ride access on several HTA routes, including A&MRTS, through the Jack Pass program. The Jack Pass program aims to encourage mass transit and reduced travel via single-occupant vehicles.

Figure 4.2-2 provides a map showing the existing transit routes and stops.

Existing Bicycle Facilities

Arcata’s bicycle transportation system consists of Class I off-street shared use paths, Class II bike lanes, Class III bike routes, and bicycle boulevards on public streets. Class I facilities are multi-use paths that provide a completely separated right-of-way for the exclusive use of bicycles and pedestrians with cross flows of motorized traffic minimized. Class II bike lanes provide a striped and signed lane for one-way bicycle travel on a street or highway within the paved area of a roadway. Class III bike routes are specially designated corridors in which the travel lanes are shared by motor vehicles and bicycles and are usually marked with on-street pavement stencils.

Bicycle boulevards are a type of Class III facility on low-volume roadways which prioritize the use of bicycles with traffic controls, signage, roadway markings, and traffic calming measures, including bicyclists having the right-of-way.

Arcata currently provides a comprehensive bikeway network connecting most major areas of the City on primary arterial streets. The primary Class I shared use path, the Humboldt Bay Trail North, provides a north-south connection from the Arcata Marsh & Wildlife Sanctuary and the soon to be complete Humboldt Bay Trail South towards Eureka, through the Gateway area, and connecting to Foster Avenue near Cal Poly Humboldt. Additional Class I facilities provide brief connections between existing roadways and on-street bicycle facilities. Most existing Class II bike lanes are located on north-south streets, while Class III bike routes and bicycle boulevards provide east-west connection on key streets. The western portion of the City (west of Alliance Road) is least served by bike lanes, providing an opportunity to expand the bike network to encompass more residential areas.

Figure 4.2-3 provides a map showing the locations of the existing bicycle and trail facilities.

Existing Pedestrian Facilities

Pedestrian facilities are provided throughout Arcata in the form of sidewalks on public streets and along Class I shared use paths which also accommodate bicyclists. Refer to the City's design standards for sidewalk widths and right of way. While more high-trafficked areas like downtown, Valley West, and areas surrounding Cal Poly Humboldt provide a continuous sidewalk system, other areas of the City have many gaps in the sidewalk system. The City's standard sidewalk meets the minimum Americans with Disabilities Act (ADA) requirements, but wider sidewalks are desirable for high-traffic pedestrian locations and to encourage walking. Narrow sidewalks are often obstructed with utility poles, signs, and street furniture, further reducing their effectiveness. In addition, the City's street standards lack sufficient width for a planting strip or street trees, which are important elements in promoting walking as an alternative mode of transportation. Opportunities exist, however, within the standard 50-foot wide right of way to provide street trees in planters located in the parking lane, or to add a planting strip between the sidewalk and travel lanes when new development projects are considered.

Existing Freight Transportation Systems

Arcata has designated truck routes on several key arterial and collector streets including Guintoli Lane, Valley West / Valley East Boulevard, West End Road, Alliance Road, "K" Street, Spear Avenue, L. K. Wood Boulevard, 11th Street, Fickle Hill Road, Union Street, Old Arcata Road, Vaissade Road, Heindon Road, South G Street, Janes Road, and Samoa Boulevard. These streets provide intracity connections for freight travel and serve most of the industrial areas of the City. All state facilities including Routes 101, 299, and 255 are designated truck routes. SR 101 is considered an STAA Terminal Access Route within Humboldt County, apart from Richardson Grove at the southern border with Mendocino County where access is limited as a California Legal Truck Route. SR 299 is considered an STAA Terminal Access Route between SR 101 in Arcata and Interstate 5 in Redding, and SR 255 is considered a California Legal Truck Route between Eureka and Arcata.

Railroad Right of Way Transportation Systems

Arcata has railroad right-of-way formerly managed by the North Coast Railroad Authority, with spurs into several industrial properties. Although most rail service was suspended following damage to tracks caused by storms in 1997, the mainline and many spurs in Arcata were active prior to that time. They served several industrial uses in the northeast and southwest areas of the City and were used to move freight between Arcata and Eureka. The Great Redwood Trail Agency, established in March 2022, took over railroad corridor management from North Coast Railroad Authority. The Great Redwood Trail is a proposed multi-use rail-to-trail project connecting San Francisco to the Humboldt Bay area.

Several rail corridors in Arcata have already been converted into Class I trails with others planned. The Arcata Rails with Trails Project was completed connecting Foster Avenue and Alliance Road south to SR 255 along the L Street rail alignment (Phase 1 of the Humboldt Bay Trail). The rail to trail corridor south of SR 255 at this location to SR 101 in Bracut has also been constructed (City of Arcata Rail with Trail Connectivity Project) and is part of the Humboldt Bay Trail connecting to Eureka. The Arcata Annie and Mary Trail Connectivity Project is

being designed to connect Sunset Avenue to Valley West and the Aldergrove Industrial Park along West End Road in Arcata, and then continue east to the Humboldt Bay Municipal Water District's Park 1 on the Mad River. The County of Humboldt, Caltrans, and Friends of the Annie & Mary Trail continue to work towards completing the gap in the Annie & Mary Trail to connect the City of Blue Lake to Arcata.

Figure 4.2-4 provides a map showing the Existing Truck Routes and Rail Right of Way locations.

4.2.3 Regulatory Framework

Federal

U.S. Department of Transportation

The U.S. Department of Transportation (DOT) is the umbrella agency for federal transportation policies and regulations. The DOT's stated goals are to keep the traveling public safe, increase national mobility, and support the national economy through the transportation system. The DOT oversees several agencies that administer federal statutes for various branches of transportation, including:

- The National Highway Traffic Safety Administration, which is responsible for motor vehicle and highway transportation safety standards and regulations.
- The Federal Highway Administration, which is responsible for laws pertaining to commercial freight and the maintenance and preservation of interstate highways, tunnels, and bridges.
- The Federal Motor Carrier Safety Administration, which is responsible for safety regulation laws for large commercial vehicles.
- The Federal Railroad Administration, which is responsible for regulating the safety and development of the U.S. railroad system.
- The Federal Transit Administration, which provides financial and technical assistance to local public transportation systems.

These agencies support state and local governments in the design, construction, and maintenance of transportation systems through various programs and projects.

Americans with Disabilities Act of 1990

The Americans with Disabilities Act (ADA) of 1990 provides comprehensive rights and protections to individuals with disabilities. The goal of the ADA is to assure equality of opportunity, full participation, independent living, and economic self-sufficiency for people with disabilities. To implement this goal, the United States Access Board, an independent Federal agency created in 1973 to ensure accessibility for people with disabilities, has created accessibility guidelines for public rights-of-way. While these guidelines have not been formally adopted, they have been widely followed by jurisdictions and agencies nationwide in the last decade. The guidelines, last revised in July 2011, address various issues, including roadway design practices, slope and terrain issues, pedestrian access to streets, sidewalks, curb ramps, street furnishings, pedestrian signals, parking, and other components of public rights-of-way.

State

Circulation Element

California law mandates the development of a Circulation Element as part of General Plans (often titled as the "Transportation Element" or "Mobility Element"). The Circulation Element must contain the "general location and extent of existing and proposed major thoroughfares, transportation routes, terminals, any military airports and ports, and other local public utilities and facilities," all correlated with the land use element of the General Plan per Government Code Section 65302 (b). In addition, the General Plan must incorporate "Complete Streets" policies, as described below.

California Complete Streets Act

Assembly Bill (AB) 1358 or the California Complete Streets Act, was signed into law on September 30, 2008. Since January 1, 2011, AB 1358 has required circulation element updates to address the transportation system from a multimodal perspective. AB 1358 states that streets, roads, and highways must "meet the needs of all users in a manner suitable to the rural, suburban, or urban context of the General Plan." The act requires a circulation element to plan for all modes of transportation where appropriate, including walking, biking, car travel, and transit. In addition, AB 1358 requires circulation elements to consider the multiple users of the transportation system, including children, adults, seniors, and the disabled.

California Department of Transportation

The California Department of Transportation (Caltrans) is responsible for planning, designing, constructing, and maintaining all state highways. The jurisdictional interest of Caltrans includes state highways and facilities and extends to improvements to roadways at the interchange ramps serving area freeways. Any federally funded transportation improvements would be subject to review by Caltrans staff and the California Transportation Commission. Any work or traffic control within the state right of way requires an encroachment permit issued by Caltrans. Improvements to intersections along SR 255 and interchanges with SR 101 or SR 299 will require coordination with Caltrans and an encroachment permit.

Senate Bill 743

California Senate Bill 743 (SB 743), passed in 2013, addresses a range of topics and aims to better promote statewide policies that (a) combat climate change by reducing greenhouse gas emissions and particulates; (b) encourage infill development and a diversity of uses instead of sprawl; and (c) promote multi-modal transportation networks, providing clean, efficient access to destinations and improving public health through active transportation.

SB 743 changed the way transportation impact analyses are conducted as part of CEQA compliance. These changes eliminated automobile delay, level of service (LOS), and other similar measures of vehicular capacity or traffic congestion as a basis for determining significant impacts under CEQA. Prior rules treated automobile delay and congestion as an environmental impact. SB 743 required the *CEQA Guidelines* to prescribe an analysis that better accounts for transit and reducing greenhouse gas emissions. In December 2018, Office of Planning and Research (OPR) released the final update to *CEQA Guidelines* consistent with SB 743 that went into effect statewide on July 1, 2020, which state that vehicle miles traveled is "generally" the most appropriate metric of transportation impacts to align local environmental review under CEQA with California's long-term greenhouse gas emissions reduction goals. At the same time as the release of the updated *CEQA Guidelines,* OPR also released a non-binding *Technical Advisory on Evaluating Transportation Impacts in CEQA*, which outlines potential vehicle miles traveled analysis methodologies and thresholds of significance for use by agencies in California based on substantial evidence developed by OPR related to achievement of the State's greenhouse gas emissions reductions targets (OPR 2018).

Although OPR provides recommendations for adopting new impact analysis guidelines, lead agencies have the final say in designing their methodology, provided that the selected analysis methodology aligns with the SB 743 goals to promote infill development, reduce greenhouse gases, and reduce vehicle miles traveled. No particular methodology or metric is mandated; the choice is left to the lead agency. In making this choice, an agency should bear in mind what sort of criteria the legislature had in mind for determining the significance of transportation impacts goals of SB 743. These were expressed in PRC §21099(b)(1), *"Those criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses*." The City has established vehicle miles traveled guidance and thresholds of significance against which the Project is compared; see Threshold b below for a more detailed description of the vehicle miles traveled analysis performed for this document.

Global Warming Solutions Act

Assembly Bill (AB) 32, or the Global Warming Solutions Act, was signed into law on September 27, 2006. AB 32 established a comprehensive program to reduce greenhouse gas (GHG) emissions to combat climate change.

AB 32 requires the California Air Resources Board (CARB) to develop regulations that reduce GHG emissions to 1990 levels by 2020. On January 1, 2012, the GHG rules and market mechanisms, adopted by CARB, took effect and became legally enforceable. The reduction goal for 2020 is to reduce GHG emissions by 25 percent of the current rate to meet 1990 levels and a reduction of 80 percent of current rates by 2050. The AB 32 Scoping Plan contains the main strategies California will use to reduce GHGs. The scoping plan has a range of GHG reduction actions, which include direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, market-based mechanisms, and an AB 32 program implementation regulation for funding. In 2016, the Legislature passed Senate Bill (SB) 32, which codifies a 2030 GHG emissions-reduction target of 40 percent below 1990 levels. CARB recognizes cities as “essential partners” in reducing GHG emissions. CARB has developed a Local Government Toolkit with guidance for GHG reduction strategies such as improving transit, developing bicycle/pedestrian infrastructure, increasing city fleet vehicle efficiency, and other strategies.

Sustainable Communities and Climate Protection Act

Senate Bill (SB) 375, or the Sustainable Communities and Climate Protection Act, provides incentives for cities and developers to bring housing and jobs closer together and to improve public transit. The goal is to reduce the number and length of automobile commuting trips, helping to meet the statewide targets for reducing GHG emissions set by AB 32.

SB 375 requires each metropolitan planning organization to add a broader vision for growth to its transportation plan — called a Sustainable Communities Strategy (SCS). The SCS must lay out a plan to meet the region’s transportation, housing, economic, and environmental needs in a way that enables the area to lower GHG emissions. The SCS should integrate transportation, land use, and housing policies to plan for achievement of the emissions target for each region. The Humboldt County Association of Governments (HCAOG) is the applicable metropolitan planning organization for Arcata and the surrounding region (see description of Humboldt County Association of Governments [HCAOG] and the RTP/SCS below).

Regional and Local

Humboldt County Association of Governments

HCAOG is a Joint Powers Agency composed of the seven incorporated cities (Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Rio Dell, and Trinidad), and the County of Humboldt. It is the designated Regional Transportation Planning Agency as well as the Service Authority for Freeway Emergencies (SAFE). The agency is largely responsible for programming state highway, local street and road improvements, public transportation resources, and the roadside call box program. HCAOG also bears responsibility for preparing and implementing the Regional Transportation Plan (RTP). The transportation planning and programming processes are accomplished by a multi-layered committee structure.

Humboldt Regional Transportation Plan: VROOM (Variety in Rural Options of Mobility) 2022-4042

Under its authority as the Regional Transportation Planning Agency for Humboldt County, HCAOG adopts and submits an updated Regional Transportation Plan to the California Transportation Commission and Caltrans every five years. The Regional Transportation Plan is a long-range (20-year) transportation planning document for Humboldt County. The most recent update of the HCAOG RTP was completed in 2022.

The most recent RTP update, VROOM 2022-2042, is a long-range planning document covering a 20-year planning horizon. It charts a course to provide Variety in Rural Options of Mobility (“VROOM” for short). Mobility means the ability to access everyday destinations in a manner that is convenient, affordable, and safe.

The RTP includes strategies that aim to meaningfully reducing the transportation sectors’ levels of greenhouse gas emissions. Achieving a substantial mode shift to more walking, biking and transit trips is a pillar for climate action in Humboldt County. HCAOG also supports the shift to zero-emission vehicles. The RTP contains policies to support zero-emission vehicle fueling infrastructure and to encourage the shift to zero-emission transit vehicles, school buses, and municipal fleets. The RTP advocates strategies to reduce vehicle miles travelled as a

key component of a sustainable transportation system, including effective land use policies to create places with a mix of uses and pleasant, vibrant streetscapes.

The overall goal of the RTP is for Humboldt Count to have a carbon-neutral, multi-modal transportation system that is comprehensive, safe, sustainable and equitable so that that people in the region can travel and move goods by the modes that best suite the individual or business/industry and society at large. Other key regional goals identified in the RTP aim to:

– reduce regional vehicle miles traveled,
– increase transit ridership,
– transition to zero-emission fleets,
– improve accessibility through better land use,
– achieve zero pedestrian and bicyclist fatalities, and
– increase active transportation education.

Priority objectives identified in the RTP are summarized below:

– Active Transportation Mode Share/Complete Streets – Increase multi-modal mobility, balanced mode shares, and/or access.
– Economic Vitality – Support the local or regional economy by improving goods movement and transportation access, efficiency, and cost effectiveness.
– Efficient & Viable Transportation System – Make the transportation system operate more efficiently
– Environmental Stewardship & Climate Protection – Enhance the performance of the transportation system while protecting and enhancing the natural environment.
– Equitable & Sustainable Use of Resources – Advocate for costs and benefits (financial, environmental, health, and social) to be shared fairly.
– Safety and Health – Increase safety for all roadway users.

Humboldt Transit Development Plan

The 2023-2028 Transit Development Plan (TDP) was prepared for the Humboldt County Association of Governments (HCAOG) to help provide guidance to local agencies on service programs, capital improvements and financial strategies to improve the public transit services in Humboldt County over a five-year period. Recommended alternatives in the TDP include:

– Adjust Schedule to Better Match University Class Schedules – The TDP identified adjustments to transit schedules that allowed more time for students to get to class from campus stops would encourage more transit use. The TDP recommends the Red and Gold Routes to be operated during Cal Poly Humboldt class sessions, and the Orange Route while classes are out of session in the summer.
– Cal Poly Express Route Services (contingent on funding): Express services would be provided between Cal Poly Humboldt, Arcata Transit Center, and downtown Eureka in Peak Periods. The shorter route and fewer stops allow express runs to be provided every 30 to 40 minutes.

Humboldt Regional Bicycle Plan

The 2018 Regional Bike Plan prepared by HCAOG identifies bikeway system projects that could help make bicycling throughout Humboldt County a safe, convenient, and practical means of transportation. The plan states that HCAOG will work with and support local jurisdictions and local Native American Tribes to plan, install and maintain local bikeway networks, as well as to collaborate to build a comprehensive regional bicycle network linking cities, unincorporated areas, counties, the California Coastal Trail, and the Pacific Coast Bike Route. It states that Humboldt's regional bicycle network shall have:

– Regional bikeways that link communities and connect to local bicycle networks and facilities;
– Local bikeways that link to major activity centers, public transportation, recreation, and other destinations;

- Bicycle-friendly streets, as consistent with “Complete Streets” policies, designed with best current practices, and innovative treatments where appropriate;
- Comprehensive facilities that support bicycle travel, including, but not limited to, directional signage, bike maps, sheltered parking, and changing stations; and
- Bicycle facilities integrated to access other modes of transportation (e.g., driving, carpooling, public transit).

HCAOG encourages local jurisdictions to adopt the National Association of City Transportation Officials design guides, including the Urban Bikeway Design Guide and/or the Federal Highway Administration’s Small Town and Rural Multimodal Networks as their primary guides for designing innovative bicycle facilities.

The Regional Bike Plan identifies the following proposed bikeways in Arcata as short-term regional priority projects (not yet completed):

- Annie & Mary Trail
- 11th Street Corridor (Janes Road to Bayview Street) – Class II / Class III
- F Street (7th Street to 14th Street) – Class I / II
- Sunset Avenue east (L.K. Wood Boulevard to Jay Street) – Class I

Humboldt Regional Pedestrian Plan

This plan adopted by HCAOG in 2008 helps to guide the planning of countywide pedestrian infrastructure. The Annie & Mary rail corridor is listed as a location for consideration for future trail construction.

Humboldt Regional Trails Master Plan

This plan was prepared by HCAOG in 2010. It identifies the Annie & Mary Trail as an important segment of the regional trail system to help connect multiple jurisdictions throughout the county.

City of Arcata Pedestrian and Bicycle Master Plan

The City adopted a Pedestrian and Bicycle Master Plan, last updated in 2010, that identifies pedestrian and bicycle conditions and various proposed improvements. This plan identifies projects to improve accessibility for pedestrians and bicyclists throughout Arcata, including identifying the Annie & Mary Trail as an important commuter, transportation, and recreation opportunity (City of Arcata 2010a). The City will continue to rely on the Pedestrian and Bicycle Master plan to guide multi-modal investment and will continue to work with HCAOG to incorporate current and future bicycle and pedestrian improvement projects and policies into regional documents (Humboldt Regional Bicycle Plan, etc.) as warranted.

City of Arcata Local Road Safety Plan

The City started working on the Local Road Safety Plan in 2021. The LRSP is a data-driven plan expected to identify safety issue throughout the City, develop future safety goals incorporating concerns from the public and a variety of stakeholders, expand methods for monitoring and evaluating the success of existing and future safety efforts, and help develop, prioritize, and implement future roadway safety improvement projects. Anticipated areas of focus for the City’s Local Road Safety Plan will be to increase pedestrian and bicyclist safety throughout the City with additional emphasis and analysis around local schools, reduce speeding, reduce impaired (DUI) driving, implement safety focused education programs, improve connectivity and access to transit, reduce intersection crashes, reduce improper yielding incidents, reduce hit and run incidents, and reduce total collisions and injury severity citywide.

City of Arcata Local Coastal Program

There are no transportation policies in the City of Arcata’s Local Coastal Plan applicable to the Project.

City of Arcata West End Specific Plan

This plan is based on market study focused on Happy Valley Industrial Park and Aldergrove Industrial Business Condo projects (City of Arcata 2018). The plan describes the need for pedestrian and bicycle network improvements and notes that the Annie & Mary Trail Connectivity project will help provide alternative transportation routes.

City of Arcata Parks and Recreation Master Plan

This plan notes that desires for recreational trails is increasing locally and nationally (City of Arcata 2010b). Developing trail systems, such as the Annie & Mary Trail, that connect parks, natural areas, businesses, commercial, and residential sections of town can help to support the health and wellness of communities and surrounding environment.

City of Arcata General Plan 2020

The current General Plan 2020 contains policies and standards related to transportation and circulation and describes the City's existing and proposed transportation system at the time it was adopted but would be replaced by the proposed General Plan 2045.

The General Plan 2020 contains a Transportation Element that comprehensively addresses transportation. This includes travel demand and transportation system management, bus transit, streets and highways, bicycle and pedestrian facilities, parking, trail routes, and transportation improvement funding. It contains policy direction for maintaining a balanced transportation system, with choices for transit, bicycle, and pedestrian as well as private vehicle transportation modes. It identifies implementation measures to help achieve each policy objective.

The General Plan 2020 Transportation Element identified the following Guiding Principles and Goals relevant to transportation:

A. Provide a transportation system which allows save and efficient travel.
B. Create a transportation system which provides a choice of travel modes.
C. Provide for increased use of alternatives to the single-occupant vehicle, including walking, bicycling, public transit, carpooling/vanpooling, and ridesharing.
D. Manage the street and highway system to promote more efficient use of existing capacities rather than increase the number of travel lanes.
E. Create a multimodal transportation system that will improve the livability of residential neighborhoods, including use of methods to calm or slow traffic and reduce through-traffic on local neighborhood streets.
F. Educate residents, employees, and students about the importance of using alternative forms of transportation instead of the single-occupant automobile.
G. Promote land use patterns that encourage walking, rolling, bicycling, and public transit use.
H. Establish a set of curb parking prices that are high enough to drive more active and shared transportation.

The General Plan 2020 Transportation Element includes the following policies and accompanying objectives:

Policy CM-1: Balanced Transportation System with Choice of Modes.

Objective. *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as private automobile modes. Reduce the percentage of trips that are made by automobile and provide the opportunity and facilities to divert trips from automobiles to other modes.*

Policy CM-2: Travel Demand Management

Objective. *Reduce the percentage of automobiles and reduce the annual vehicle-miles of travel.*

Policy CM-3: Bus Transit System

Objective. *Maintain a bus transit system which connects and serves major commercial and employment areas within Arcata, Cal Poly Humboldt, public schools, and higher density residential areas. Increase average citywide transit mode share of daily person trips to 5% from the 1998 level of 3%.*

Policy CM-4: Circulation Maps and Context Sensitive Street Design

Objective. *Plan an internal circulation system consistent with Arcata's small-town, non-metropolitan character which: 1) efficiently utilizes existing facilities and reduces need for investment in new or expanded street and highway facilities or capacities; 2) improves connectivity of streets to provide for direct routes between origins and destinations; 3) has a high quality of regular maintenance and repair; and 4) maintains a level of service which minimizes delays, but allows for higher levels of congestion during the short peak periods on weekdays.*

Policy CM-5: Bicycle and Pedestrian Facilities

Objective. *Create a complete, interconnected bicycle and pedestrian circulation system. Provide a pedestrian and bicycle system which serves commuter as well as recreational travel.*

Policy CM-6: Parking Supply and Parking Management

Objective. *Provide an adequate supply of parking in perimeter lots downtown. Minimize the impacts of Humboldt State University parking into adjacent neighborhoods. Ensure that new development provides an adequate but not excessive supply of parking.*

Policy CM-7: Rail and Freight Transportation

Objective. *Provide a transportation system which adequately serves the freight shipment needs of the City's industrial and commercial uses. Recognize that freight transportation via truck or railroad is an essential element of the area's economic base.*

Policy CM-8: Financing Transportation Improvements

Objective. *Ensure that adequate funding is available to implement transportation improvements required to adequately serve the amount of growth allowed by the land use plan. Ensure that private development provides on-site transportation improvements and contributes an appropriate share of funding for off-site improvements.*

In addition, each of the Transportation Element policies includes sub-policies that provide direction for City actions aimed at achieving each of the policy objectives. The includes sub-policies that direct the City to invest in alternative modes, promote land use and development patterns that encourage walking, bicycling and transit use by emphasizing high density and mixed land- use patterns which translate into higher transit and pedestrian travel in the downtown and neighborhood commercial areas, and maintain a bus system that connects key land uses. This also includes sub-policies that define the City's functional street classifications with an accompanying map showing the citywide street classification network, describe types of bikeways, and describes minimum requirements for pedestrian facilities.

Proposed City of Arcata General Plan 2045

The proposed General Plan 2045 is described in detail in Chapter 2 Project Description. It includes a "Circulation and Mobility" Element that would replace the General Plan 2020 Transportation Element. The City's Pedestrian and Bike Master Plan (adopted 2010) informed this update.

The General Plan 2045 Circulation and Mobility Element provides an updated description of the existing and proposed transportation system, describes proposed policies and standards, and is correlated with the Land Use Element of the General Plan 2045. The proposed General Plan 2045 Circulation and Mobility Element has been updated to expand efforts to provide Complete Streets with a more balanced and convenient multi-modal

transportation network that meets the needs of all users of streets, roads and highways (including bicyclists, pedestrians, children, persons with disabilities, motorists, movers of commercial goods, users of public transportation, and seniors) for travel in a manner that is appropriate within the context of our community and places the safety of people first, both outside of vehicles and within them. Figure 4.2-5 illustrates the proposed vehicular network as described in the General Plan 2045 Circulation and Mobility Element, and Figure 4.2-6 illustrates the proposed bikeway and trailway network.

In addition, the General Plan 2045 Gateway Area Plan Element proposes to convert two-way streets into one-way couplets on 8th Street and 9th Street (continuation west of I Street). This would allow new opportunities for implementing active transportation (bicycling and walking) elements as part of the Gateway Area Plan, including the addition of Class IV separated bikeways. Class IV bikeways facilities are designed within the roadway using barriers such as bollards, raised medians, vehicle parking and other devices creating a physical separation between vehicle traffic and people riding bicycles. Additional active transportation proposals included in the Gateway Area Plan Element include the Shared Street, “Woonerf” concept proposed on 6th Street between K Street and L Street. Through this concept: walking and bicycling are the primary modes emphasized and vehicle traffic is de-emphasized. Through traffic calming, lowered speed limits and enhanced streetscapes, shared streets allow more public space opportunities that prioritize people over vehicles.

Outside of the Gateway Area Plan boundary, the General Plan 2045 Circulation and Mobility Element received minor changes from the Arcata General Plan 2020 with a clear renewed emphasis on safety, reflected in new language intended to ensure slow speeds and traffic calming are prioritized on all City streets, and de-emphasize Level of Service (LOS) as a criterion for evaluating impacts of new proposed development, instead relying on methods that better measure a project’s transportation-related environmental impacts such as vehicle miles traveled. Other changes include updated descriptions of the existing circulation system, travel patterns, travel demand and traffic operations; updates to the planned future circulation system; minor enhancements to the goals and policies; and updated implementation programs.

The General Plan 2045 Circulation and Mobility Element modifies the Guiding Principles and Goals of the 2020 General Transportation Element to state the following:

A. Provide a connected multimodal transportation and mobility system that contributes directly to the safety, health, economic vitality, and quality of life of all people in Arcata.
B. Create a transportation system that incentivizes a choice of travel modes and is safe, accessible, comfortable, accommodating, and welcoming to all users. Put safety first in all mobility planning, policies, and projects.
C. Provide for increased use of active and shared transportation modes as alternatives to the single-occupant vehicle, including walking, rolling, bicycling, public transit, carpooling/vanpooling, and ridesharing.
D. Prioritize investment and transportation planning which shifts the City's transportation system from being car-centric to one in which transit and active transportation are competitive or superior to single-occupancy vehicles in terms of convenience, perceived and actual safety, and accessibility for all residents.
E. Manage the street and highway system to promote more efficient use of existing facilities rather than increase the number of travel lanes or make other capacity enhancements.
F. Create a multimodal transportation system for people of all mobility levels that will improve the livability of residential neighborhoods, including use of methods to calm or slow traffic and reduce through-traffic on local neighborhood streets.
G. Educate residents, employees, and students about the importance of using alternative forms of transportation and mobility instead of the single-occupant automobile.
H. Promote land use patterns that encourage walking, rolling, bicycling, and public transit use.
I. Establish a set of fee-based parking prices that are high enough to drive more active and shared transportation.
J. The City recognizes that safe mobility is a right of all people in Arcata.

The General Plan 2045 Circulation and Mobility Element generally retains the existing mobility concepts reflected in policies and objectives contained in the General Plan 2020 Transportation Element, with minor refinements throughout. Primary areas of focus for updates included a de-emphasis of Level of Service as a management consideration for City streets as well as policy related to parking provisions and single-occupancy vehicle use, and updates to Policy CM-4 to incorporate Complete Streets policy.

Policy CM-1: Balanced Transportation System with Choice of Modes

Objective. *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as private automobile modes. Reduce the percentage of trips that are made by automobile and provide the opportunity and facilities to divert trips from automobiles to other modes. In planning for improvements to the overall circulation system, design the system to accommodate the planned amount of growth outlined in other policies. Ensure the circulation system supports a functioning, safe, sustainable multi-modal network. Support increased demands for all efficient forms of mobility emphasizing alternative modes pedestrians, bicycles, and other non-motorized or shared transit options, then vehicles, and trucks, in an effort to induce demand of multimodal transit alternatives and implement transportation demand management strategies, in keeping with citywide Circulation Element policies.*

Applicable sub-policies:

- ***CM-1a: Complete Streets.*** *The City shall direct the design, construction, reconstruction, repair and maintenance efforts on the City's streets, bridges, pathways, and sidewalks, creating a comprehensive, integrated transportation network that is safe, accessible, comfortable, accommodating, and welcoming to users of all ages, races, ethnicities, incomes, and physical abilities, and all modes of transportation, particularly those walking, rolling, biking, and using transit, and in doing so the City shall apply a Complete Streets framework in all applicable and feasible transportation projects to allow the safe, comfortable, convenient and accessible use of streets for all street users. Throughout the City, design sidewalks and street crossings for maximum accessibility. Accessibility features may include but are not limited to widening sidewalks, requiring high-visibility/striped crosswalks, installing bulb-outs, pedestrian activated crossing signals, and aligning ramps with path-of-travel. Where the urban grid pattern is interrupted or incomplete, evaluate opportunities to continue the circulation block patterns with new connections that consist of entirely non-vehicular active transportation facilities.*
- ***CM-1b: Investment in alternative modes.*** *In order to provide a realistic and cost-effective balance between travel modes, the City shall emphasize investment in alternative modes (bikeways, etc.) as a priority over increasing vehicular capacities of streets.*
- ***CM-1c: Interconnections and transfers between travel modes.*** *The City shall provide and maintain a Transit Center to facilitate interconnection and transfers between bus routes and systems. As funding permits, Transit Center facilities shall be improved to encourage its use as a multi-modal transfer point. Pedestrian and bicycle amenities shall be provided at other locations which serve as modal transfer points such as bus stops and park-and-ride lots.*
- ***CM-1d: Intercity travel.*** *The City shall coordinate with Humboldt County and Caltrans to provide adequate facilities for vehicles, buses, and bicycles to serve intercity demand. Joint efforts may include transportation improvements outside of Arcata which serve intercity travel, such as bicycle links, timed-transfer bus stops, park-and-ride lots, and regional transit service and development of park-and-ride lots in Arcata to reduce intercity vehicular travel.*
- ***CM-1e: Critical transportation facilities.*** *Critical transportation facilities for emergency vehicle access and emergency evacuation shall be maintained and improved as a priority need. However, when determining needed improvements, ease and speed of emergency vehicle access shall at all times be weighed against safe design for all street users. Critical transportation facilities include the major routes into and out of the City such as Highways 101, 299, and 255, their interchanges with City streets and primary intra-city street connections including Samoa Boulevard, 11th Street, "G" and "H" Streets, Sunset Avenue, L.K. Wood Boulevard, Alliance Road, Janes Road, and Giuntoli Lane. Due to the*

potential for structural failure of these facilities in a seismic emergency, alternative routes and procedures for their use shall be identified.

- ***CM-1f: Parking and public transit service study.*** *The City shall undertake a comprehensive study of parking and public transit service options for the downtown/uptown area and Cal Poly Humboldt, with cost/revenue implications presented for each option. This study shall be undertaken jointly with Cal Poly Humboldt.*
- ***CM-1g: Mobility equity.*** *The City will adopt policies, pursue plans, and implement programs and projects that further transportation and mobility equity. Safe mobility is a right of all people in Arcata.*

Policy CM-2: Travel Demand Management

Objective. *Reduce the percentage of automobiles and reduce the annual vehicle-miles of travel.*

Applicable sub-policies:

- ***CM-2a: Land use development patterns.*** *The City encourages and supports travel demand management efforts. The City shall promote land use and development patterns that encourage walking, bicycling and transit use. In recognition of the link between land use and transportation, the land use plan shall discourage low density, homogenous land-use patterns that foster automobile travel and are impractical to serve with transit. Land use planning shall emphasize high density and mixed land- use patterns which translate into higher transit and pedestrian travel in the downtown and neighborhood commercial areas. Infill, redevelopment, and reuse of underutilized property at higher densities shall be encouraged prior to outward expansion of City boundaries. The following land use measures are emphasized:*
  1. *Mixed-use neighborhood centers within transit corridors which include housing and commercial services near employment.*
  2. *Land use patterns which maximize linking trip opportunities by assembling uses, thus allowing people to take care of a variety of daily needs with a single trip.*
  3. *Clustering of higher density housing and incorporation of residential units on upper floors of commercial buildings.*
  4. *Integration of new housing into neighborhood shopping centers, including Sunny Brae, Westwood, and Valley West.*
  5. *Pedestrian-oriented land use and urban design, including the following elements:*
     a. *Pedestrian-scale block patterns;*
     b. *Incorporate pedestrian and bicycle amenities into public and private projects;*
     c. *Design streets for multi-modal use;*
     d. *Integrate transit stop facilities into public and private projects;*
     e. *Orient buildings and houses to the street;*
     f. *Provide attractively landscaped streets and buffers;*
     g. *Preserve existing and historic urban fabric;*
     h. *Eliminate blank wall facades;*
     i. *Incorporate bicycle routes and enhancements in public and private projects.*
  6. *A fixed urban services boundary to reduce sprawl and infrastructure costs.*
  7. *Focused growth along existing or planned transit corridors rather than extension of transit to serve new isolated development.*
  8. *Prevention of large areas of single uses. Isolated single-use developments at the edge of the City could encourage automobile travel for commuting and errands.*
  9. *Provision of convenience retail and services in ground floor space in the downtown to accommodate the needs of employees and reduce the need for mid-day automobile trips.*
  10. *Adopt and maintain zoning regulations that allow for a mix of land uses in order to reduce vehicle trips and the overall need for automobile use.*

Policy CM-3: Bus Transit Policy

Objective. *Maintain a bus transit system which connects and serves major commercial and employment areas within Arcata, Cal Poly Humboldt, public schools, and higher density residential areas. Strive to add additional routes to meet future demands and increase average citywide transit mode share of daily person trips to 12% from the 2020 level of 3%.*

Applicable sub-policies:

- ***CM-3a: 5-year transit plans.*** *The City shall maintain the existing A&MRTS routes (as shown in Figure CM-e), frequency, and level of service as funding permits.*
- ***CM-3b: Regional transit service.*** *Short- and long-range transit plans shall be coordinated with the regional transit service provided by the Redwood Transit System. The City supports regional transit plans which improve service and timed transfers and reduce headways for intercity travel. In the interest of enhanced coordination and efficiency for local and regional service, the City shall continually evaluate alternatives to existing services including potential mergers with the Humboldt Transit Authority or other service providers.*
- ***CM-3c: Bus route system.*** *Public transportation is both a civil right and a critical climate solution and should be designed to provide service competitive with automobile travel in terms of access, convenience and comfort. Potential improvements to the transit system should be assessed according to the best available evidence of both need and existing and induced demand. In order to increase safety and access to basic needs, work with relevant transit agencies, major employers, key user groups, and area schools to plan for enhanced public transit and school bus lines and new stops to both accommodate the new growth and serve existing community needs.*
- ***CM-3d: Transfers between routes and systems.*** *The public transit system shall provide convenient transfers between routes, other transit services, and other modes of travel such as bike share locations with racks for one-way trip use. The Arcata Transit Center shall serve as the primary multi-modal transfer station. Bus stops should be located near municipal parking lots or future park-and-ride lots. The A&MRTS and Redwood Transit System schedules shall be coordinated to provide a timed-transfer system at key stops.*
- ***CM-3e: Bus stops.*** *Existing bus stops should be improved and new bus stops on future routes should be designed with appropriate amenities and features. Design elements include either bus stop lanes or bus turnouts. Bus stop design amenities which increase rider comfort and feeling of safety and encourage walking and bicycling are emphasized, including shelters, benches, lighting, shade trees, signs, information kiosks, waste receptacles, paved surfaces, facilities for disabled and alter-abled riders, and secure bicycle parking. Prioritize covered seating at all bus stop locations wherever feasible. Bus stop areas should be consistently maintained and cleaned, including vandalism repair and graffiti removal. Developers shall be required to provide bus stops and amenities on their frontage if the property is located on an existing or future bus route and is an appropriate location for a stop. Pedestrian and bicycle access should be provided to neighborhood bus stops.*
- ***CM-3f: Transit subsidies.*** *The City supports continued A&MRTS contract services with Cal Poly Humboldt to provide subsidized fares to its students and employees. This revenue source, which allows these users to ride without cost to the individual, is the single most important Transportation Demand Management strategy for Arcata.*
- ***CM-3g: Transit implications of new development.*** *The engineering department and A&MRTS shall evaluate proposed new development projects and make recommendations prior to project approval regarding transit improvements and road designs.*
- ***CM-3h: Use of Micro-transit.*** *The City shall study investigate the possibility of pairing its traditional fixed-route bus system with an on-demand micro-transit system which could serve lower density areas and feed into the fixed route system to increase transit mode share.*

Policy CM-4: Circulation Maps and Context Sensitive Street Design Policy

Objective. *Plan the circulation network consistent with Figure CM-k and Figure CM-i to create Complete Streets solutions that are appropriate to individual contexts; that best serve the needs of all people using streets and that support the land-use, climate, safety, and environmental quality targets and policies of the City and which: 1) efficiently utilizes existing facilities and reduces need for investment in new or expanded street and highway facilities or capacities; 2) improves connectivity of streets to provide for direct routes between origins and destinations; 3) has a high quality of regular maintenance and repair; and 4) to the extent feasible, maintains a level of service which minimizes delays, acknowledging LOS is not a high priority of the City in street design.*

Applicable sub-policies:

- ***CM-4a: Freeways and Highways.*** *The following standards shall apply to State Routes 101 and 299, and State Route 255:*
  1. *No additional travel lanes. The City does not support development of any additional through-travel lanes to State Routes 101, 299, or 255 in Arcata or nearby areas.*
  2. *Auxiliary lanes. The City does not support construction of auxiliary lanes between existing interchanges, or any new interchanges, on State Route 101.*
  3. *Interchange improvements. The City supports interchange improvements that increase safety and reduce potential conflicts created by unrestricted access from freeway off-ramps.*
  4. *Landscaping. The City encourages Caltrans to maintain and improve landscaping along freeway corridors in Arcata and surrounding areas to improve aesthetics and provide a visual and noise buffer.*
  5. *Undesignated right of way. All public rights of way with no land use designation (i.e. freeways, highways and associated interchanges) shall be used for transportation purposes only, including multi-modal use. All land uses within these rights of way shall be for transportation or related (i.e. lighting, drainage, utilities, pedestrian and bicycle) purposes.*
- ***CM-4b: Vehicular Circulation.*** *The following shall apply to vehicular circulation routes:*
  1. *Alternative street cross-sections. The Engineering Department shall prepare alternative cross-sections for existing and proposed new arterial, collector, and local streets utilizing a smaller right-of-way and that reduces traffic speed and shall be designed to allow the safe, comfortable, convenient and accessible use of streets for all roadway users.*
  2. *No additional vehicular travel lanes. Street projects shall not be designed solely to improve vehicular traffic flow and LOS shall be de-emphasized in street capacity planning and design. If congestion occurs, it shall be managed using alternative methods such as diversion of trips to other travel modes or intersection improvements. Construction of additional vehicle travel lanes shall not be considered unless it supports the land-use, climate, safety, and environmental quality targets and policies of the City.*
  3. *Improvements at intersections. Improvements at intersections shall be designed to allow the safe, comfortable, convenient and accessible use of streets for all roadway users.*
     a. *Minor improvements at intersections. Minor projects to improve traffic safety include redistributing lane allocations and coordination of traffic signals. The City shall consider developing traffic signals and signalized pedestrian crossings to accommodate new or denser land uses, traffic patterns, and safety concerns, especially in the Downtown, Gateway Area, and the Giuntoli/Valley West neighborhood.*
     b. *Minimize the installation of new traffic signals. New traffic signals shall be provided only in instances where there is no feasible alternative to relieve a demonstrated safety problem at an intersection (based on documented collisions). Alternatives which shall be studied prior to signals include roundabouts or installation and monitoring of all-way stop signs.*
- ***CM-4c: Slowing traffic.*** *The City shall employ a range of measures to reduce speeds and "calm" traffic throughout the City to improve safety and comfort for those walking, rolling, biking, and taking transit:*

1. *Transportation Safety Committee. The Transportation Safety Committee holds regular public meetings and reviews matters related to traffic safety in Arcata and make recommendations to the Council, Commissions, or City staff as appropriate. Measures requested by residents or property owners, or initiated by City staff, that intended to slow traffic shall/should be presented to the Transportation Safety Committee for recommendations. The Transportation Safety Committee shall make recommendations after a public meeting where any public comments are heard.*
2. *Measures should be context sensitive and may include the installation of physical infrastructure, such as street trees, speed bumps, speed humps, narrowing streets, mid-block crossings, and bulb outs, while ensuring that the techniques employed have the effect of slowing traffic without compromising emergency access.*
3. *The installation of speed tables, humps and lumps shall adhere to the then current City of Arcata policy regarding installation of speed tables, humps and lumps for residential and local streets administered by the Department of Building and Engineering.*
4. *All neighborhood streets shall remain open to through vehicle travel unless there is a demonstrated warranted application of safe streets policy that cannot be adequately addressed through the measures identified above, as determined by the City Engineer.*

- ***CM-4d: Street maintenance.*** *The Pavement Management System shall be maintained to identify and prioritize street maintenance projects in the City's Capital Improvement Program (CIP). The maintenance program shall include regular street cleaning and repair of pavement, sidewalks, multi-use paths, and bicycle lanes, and pay particular attention to conditions that discourage bike usage.*

Policy CM-5: Bicycle and Pedestrian Facilities

Objective. *Create a complete, interconnected bikeway system and pedestrian network. Increase the percentages of person trips via walking and bicycling, which serves the full range of mobility needs.*

Applicable sub-policies:

- ***CM-5a: Overall bicycle route system and connectivity.*** *Bicycle trails and facilities are shown in Figure CM-i. The bikeway system shall be improved and expanded consistent with the City of Arcata Pedestrian & Bicycle Master Plan and applicable Regional Transportation Plans prepared by the Humboldt County Association of Governments (HCAOG) to serve new development and activity centers. Routes that provide access to and between major destinations including public facilities, schools, parks and open space, employment, and shopping, shall be the highest priority. Future improvements may be made which upgrade bike routes to a higher class. The City shall:*
  1. *Regularly (at least every five years) update the City of Arcata Pedestrian & Bicycle Master Plan and coordinate planning efforts with Caltrans and the Humboldt County Association of Government's bicycle plans and advocacy groups to provide continuous bicycle routes.*
  2. *Maintain existing bicycle routes and provide additional routes where feasible connecting the various neighborhoods with Cal Poly Humboldt. Class IV bike lanes shall be provided on routes with the highest bicycle demand where there is sufficient right of way; in areas with insufficient right of way, Class II lanes shall be considered.*
  3. *Improve and maintain bicycle infrastructure including removal of height differences between pavement and gutter pans, smooth pavement on street edges, drainage inlet grates, and street cleaning to remove debris from street shoulders.*
  4. *Continue to implement Pedestrian & Bicycle Master Plan bicycle boulevard project, including the public awareness campaign about the form, functions, and routes of the bicycle boulevards, with messages that bicycle boulevards are preferred routes for bicyclists and pedestrians and do not exclude motor vehicle traffic.*
  5. *Emphasize Class IV bike lanes where greatest benefit, and not in conflict with other community values or amenities where warranted.*
  6. *The presence of on-street parking may be eliminated in favor of adding or enhancing non-motorized facilities, such as sidewalks, bike lanes, landscaping, Class I trails, etc.*
  7. *Class II bicycle facilities (i.e., standard bike lanes) may be converted to Class IV bicycle facilities*

(i.e., protected bike lanes), which may necessitate adjustments to the dimensions of other features.

- ***CM-5b: Bikeway system and pedestrian network standards.*** *The City of Arcata Pedestrian & Bicycle Master Plan and Humboldt County Association of Governments (HCAOG) Humboldt Regional Bicycle Plan contain appropriate design standards and guidelines for the proposed bikeway system and pedestrian network improvements in the City of Arcata. Continue to work with regional partners and HCAOG to plan improvements to the bikeway system and pedestrian network.*

  1. *Right of way opportunities. As opportunities arise, the City shall utilize existing or acquire new easements or right of way for Class I bikeways. Such opportunities may include connecting dead-end streets in new developments with existing neighborhoods, along streets with excess width and unpaved right of way, along drainage channels or creeks, or along abandoned railroad rights of way.*

- ***CM-5c: Bicycle parking facilities.*** *Secure bicycle parking facilities shall be provided at important activity centers, civic facilities, apartment complexes, employment centers, shopping centers, major bus stops, and schools. Bicycle parking facilities include racks, lockers, and bollards.*

  Developers shall be required to provide a minimum number of bicycle parking devices at convenient and visible ground-floor locations within the development. Bicycle parking should be located in an interior location near an entrance whenever feasible. The required number of bicycle parking spaces shall be calculated as a proportion of the number of users.

  Designate locations for public, outdoor bike lockers coordinated with public transit stops accessible in the public right-of-way.

- ***CM-5d: Pedestrian network enhancements.*** *Prioritize implementation of improved pedestrian facilities and enhancements linking residential areas with important destinations such as health care, education, employment, shopping, and recreation with priority given to neighborhoods with the greatest need (disadvantaged communities, etc.). The following pedestrian improvements and safety enhancements should be considered in future planning for these areas:*

  1. *Close sidewalk gaps.*
  2. *Install vertical curbs to keep vehicles from parking on sidewalks.*
  3. *Reduce street crossing distance with curb extensions and smaller curb radii.*
  4. *Use on-street parking as a pedestrian buffer.*
  5. *Install textured crosswalks.*
  6. *Provide adequate street lighting focused on crossings.*
  7. *Restrict parking near crosswalks to improve sight distance.*
  8. *Install rumble strips on approaches to crosswalks.*
  9. *Plant street trees or place street trees in planters in the parking lane.*
  10. *Relocate intersection stop bars five feet back from crosswalks to improve driver and pedestrian visibility.*
  11. *Install wayfinding signage where appropriate.*
  12. *In all newly created roadways, incorporate curb extensions (“bump outs”) or other design features to increase pedestrian visibility and safety at crosswalks, calm traffic speeds, and provide space for rain gardens, tree planting, street furnishings, and other amenities.*
  13. *Connect the City to the Downtown/Plaza core with safe and attractive pedestrian friendly walking routes that incorporate art and street lighting.*

- ***CM-5e: Pedestrian pathways and multi-use trails.*** *Pedestrian pathways or multi-use trails for the exclusive use of non-motorized transportation modes should be provided. Pathways may be long facilities located along corridors or short facilities providing direct access through development projects or connecting areas not directly accessible by streets. Pathways should be planned to serve the full range of mobility needs for people of all ages, races, ethnicities, incomes, and physical abilities. The following shall apply to pedestrian pathways or multi-use trails:*

  1. *Easement or right of way dedication. Dedication of easements or rights of way for pathways*

through new private developments may be required.

2. *Cooperation with local and regional agencies and jurisdictions. The City shall cooperate with other agencies to establish and maintain off-street pathways and trails utilizing creek, utility, and railroad right of way.*
3. *Other Locations. Other potential locations for multi-use paths are within the North Coast Railroad right of way from Giuntoli Lane to Samoa Boulevard, along the west side of Samoa Boulevard/Old Arcata Road east of State Route 101, and along the perimeter of Arcata Bay towards Manila.*
4. *Create separated walk/bike lanes in multi-use trails with explanatory signage on placement and how to safely pass, as deemed necessary based on increased use in future.*
5. *Provide sidewalks or multi-modal trails on both sides of all streets.*
6. *Support ride share in various modes (car, bike, etc.) through public and private infrastructure, and encourage systems designed to provide access to shared facilities. Improvements and programs should include public options, such as bike share racks or carpool parking, public-private partnerships for vehicle share, and private facilities or programs, such as projecCM-based car share.*
7. *In general, retain the current total linear feet of Class I trails within the City, even if current facilities must be realigned or relocated to other routes. In limited circumstances, the City shall retain the discretion to allow an applicant to demonstrate removal or relocation of Class I Trail sections would improve active transportation access and connectivity. Collaborate with the Great Redwood Trail Agency and other landowners and agencies to retain and expand the Class I trail and Class 4 bikeways throughout the City.*
8. *Reduce vehicle trips from other parts of the City by creating pedestrian and bicycle-friendly corridors that draw residents and visitors to enter the various neighborhoods via means other than motorized vehicles. Fulfill the potential of the existing and planned Class I trails by planning for expanded connections that will draw bikes/peds from between activity centers.*

- ***CM-5f: Sidewalks.*** *A continuous and interconnected system of sidewalks shall be provided throughout the City. The existing standard right of way of most arterials, collectors, and local streets (fifty feet) permits a five-foot sidewalk in each direction, the minimum width to comply with Americans with Disabilities Act (ADA) requirements. Some commercial areas in downtown Arcata should have wider sidewalks to accommodate higher levels of pedestrian traffic and window-shopping. The following standards shall apply to sidewalks:*

  1. *Sidewalk continuity. Gaps in existing sidewalks should be closed to provide a continuous pathway. Cul-de-sacs should be discouraged because they disrupt pedestrian connectivity.*
  2. *Sidewalk widths. New development projects shall be required to construct or reconstruct sidewalks along the property frontage in accordance with adopted City standards. Explore sidewalk widening strategies that include land dedication or easements to create unobstructed accessible pedestrian pathways.*
  3. *Sidewalk Requirements. Where adequate width exists to maintain ADA clearance, sidewalk pedestrian amenities should be provided in the downtown commercial area. These include benches, bicycle parking, pedestrian-scale lighting, street trees, flower boxes, trash receptacles, drinking fountains, and awnings. Private development projects shall be required to include sidewalk improvements; other landowners are encouraged to provide improvements.*
  4. *Sidewalk Maintenance. Sidewalk facilities shall be systematically inspected and maintained to clean and repair damaged surfaces and remove impediments such as poles, newspaper racks, and other obstructions that interfere with pedestrian flow.*

- ***CM-5g: Retention of railroad right of way.*** *The Great Redwood Trail Authority, as the holder of the former North Coast Railroad Authority right of way, is encouraged to maintain railroad rights-of-way through railbanking for interim use as a multi-purpose trail. The City may consider purchase of right of way should the Authority decide to sell. Railroad right of way may potentially be used for creation of multi-use trails. Long range potential uses of railroad right of way include an exclusive bus transitway or passenger rail service.*

- ***CM-5h: Rails to trails conversions.*** *The City supports plans to convert abandoned railroad rights-of-way to provide multi-use trails. Planning efforts shall be coordinated with federal, state, and regional agencies to obtain funds to purchase or lease abandoned lines if the railroad authority selects not to dedicate the right of way. If feasible, active railroad lines may be used for multi-use trail purposes.*

Policy CM-6: Parking Supply and Parking Management

Objective. *Manage parking to reduce the incentive for single occupancy vehicle use.*

Applicable sub-policies:

- ***CM-6a: Downtown parking.*** *The following shall apply to parking within the Downtown area:*
  1. *Smart Meter System. The City shall explore implementing a smart parking meter system in the Downtown area to manage parking demand while generating revenue to support public transit and/or active transportation.*
  2. *In-lieu fee for on-site parking. Payment of a fee in-lieu of providing required parking spaces should be required in the Central Commercial District or for Landmark Historic Structures. Fees collected shall be used exclusively to fund municipal off-street parking lots or alternative travel mode facilities.*
  3. *On-site parking standards. The City should reduce or eliminate the parking standards applicable within the downtown area. New development is encouraged to pay in-lieu fees rather than provide parking on-site within the immediate Plaza area. Any on-site parking in the downtown should be located to the rear or side of buildings. Park and ride, car shares, downtown parking benefits districts, and other measures to encourage alternative transportation shall be considered.*
- ***CM-6b: Parking in neighborhoods impacted by Cal Poly Humboldt.*** *The City shall employ the following measures to reduce the impacts of University related parking on the surrounding neighborhoods:*
  1. *Management of on-street parking. Metered on-street parking shall continue to be provided along local streets in the neighborhoods south of Cal Poly Humboldt to prevent all-day parking by students.*
  2. *Preferential parking zones. The restrictive residential permit parking program shall be maintained for neighborhoods severely impacted by Cal Poly Humboldt to provide residents and their visitors more on-street parking and to discourage students from driving to campus.*
  3. *Other parking management approaches. Alternative parking management approaches shall be considered if the student population and parking demand increases. Alternative approaches include time limit parking without meters, increasing no-parking zones to decrease supply of spaces, and implementing a strictly enforced tow-away policy. The City encourages Cal Poly Humboldt to reduce parking impacts on the City.*
- ***CM-6c: Parking standards for new development.*** *The City's should continue to specify maximum parking requirements for new development and eliminate minimum parking requirements. Parking lots should be located, where feasible, to the rear or side of commercial and multi-family residential buildings.*
- ***CM-6d: Shared or joint-use parking for commercial development.*** *Reductions in the individual use parking requirements should be considered where two or more uses provide joint parking. Developers of projects with appropriate land uses for effective shared parking are encouraged to provide joint parking facilities. Examples of compatible land uses include office buildings and any use that generates primarily an evening parking demand such as restaurants and theaters.*

Policy CM-7: Freight Transportation

Objective. *Provide a transportation system which adequately serves the freight shipment needs of the City's industrial and commercial uses. Recognize that freight transportation via truck is an essential element of the area's economic base.*

Applicable sub-policies:

- ***CM-7a: Truck routes.*** *The circulation system shall be planned to provide truck mobility to serve all commercial and industrial land uses in Arcata. Specific truck routes are designated in Figure CM-f, although other highways, arterials, and collector streets may be designated in the future. The City shall actively enforce truck routes and speed limits.*

Policy CM-8: Financing Transportation Improvements

Objective. *Ensure that adequate funding is available to implement transportation improvements required to adequately serve the amount of growth allowed by the land use plan. Ensure that private development provides on-site transportation improvements and contributes an appropriate share of funding for off-site improvements.*

Applicable sub-policies:

- ***CM-8a: Developer responsibilities and exactions.*** *Developers shall be required to construct transportation improvements along their property frontages. Where appropriate, a traffic impact study shall be required which identifies on-site and off-site impacts and mitigation measures.*

  The developer shall be required to provide all necessary access and circulation facilities within the property and such facilities shall be designed to meet City standards. The following improvements may be required, based on the individual context and the needs of all people using streets and the right-of-way; and that support the land-use, climate, safety, and environmental quality targets and Complete Streets policies of the City:

  1. *If development is located on an existing street:*
     a. *Dedication of right of way;*
     b. *Bicycle lane and parking lane;*
     c. *Reconstruction of curb, gutter and sidewalk;*
     d. *Transit facilities and landscaping within the right of way.*
  2. *If development is located in a new growth area not served by streets:*
     a. *Dedication of right of way to construct a street to connect the project site to a public street, which accommodates all modes of transportation, particularly those walking, rolling, biking and using transit;*
     b. *Construction of the street and connecting intersection(s) to City standards;*
     c. *After the dedication is accepted, the City will maintain the street.*
  3. *In all instances, the developer shall be responsible for mitigating any off-site mobility impacts of the proposed development in a manner consistent with the policies of this plan. Measures may include installation of additional pedestrian, bicycle and transit amenities to encourage alternative travel modes; or implementation of Transportation Demand Management measures.*
- ***CM-8b: Subdivision improvements.*** *All on-site transportation infrastructure shall be constructed using standards approved by the City. Developers are required to establish mechanisms, such as homeowners associations, to provide future maintenance of on-site streets and intersections that are not dedicated. The City may elect to require streets connecting to a public street to be dedicated to the City.*
- ***CM-8c: Traffic/Vehicle Miles Traveled impact fees.*** *The City may adopt a citywide traffic impact fee to fund transportation improvements to mitigate the mobility impacts of new development based on a Vehicle Miles Traveled (VMT) or similar analysis. The traffic impact fee may substitute in whole or in part for the off-site mitigation requirements described in Policy CM-8a, but would be in addition to the developer's responsibility for on-site and frontage improvements. The traffic impact fee may be used to fund roadway extensions, intersection improvements, safety improvements, transit facility improvements, and pedestrian and bicycle facilities or amenities.*

- ***CM-8d: Transit finance.*** *A&MRTS should continue to fund capital and operating expenses through fare box revenue, Cal Poly Humboldt, and state and federal subsidies. The City will explore the possibility of new development contributing a one-time fee towards A&MRTS capital expenses through the citywide traffic mitigation fee ordinance and funding transit through parking meter revenues where feasible.*

4.2.4 Evaluation Criteria

The Project would cause a significant impact related to transportation, as defined by Appendix G of the CEQA Guidelines, if it would:

- (a) Conflict with program, plan, ordinance or policy addressing the circulation system, taking into account all modes of transportation including transit, roadway, bicycle, and pedestrian facilities;
- (b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)-Transportation Projects- vehicle miles traveled;
- (c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or
- (d) Result in inadequate emergency access.

4.2.5 Methodology

Based on the evaluation criteria above, the methodology for assessing impacts under thresholds a, c and d is qualitative in nature and considers the existing regulations in place that would minimize potential impacts related to transit, roadway, bicycle, and pedestrian facilities; geometric design features; and emergency access.

Threshold b evaluates whether the project would conflict or be inconsistent with CEQA Guidelines Section 15064.3(b), which describes specific considerations for analyzing transportation impacts as amended on July 1, 2020 pursuant to SB 375, which aims to better promote statewide policies that: (a) combat climate change by reducing greenhouse gas emissions and particulates; (b) encourage infill development and a diversity of uses instead of sprawl; and (c) promote multi-modal transportation networks, providing clean, efficient access to destinations and improving public health through active transportation. Section 15064.3(b) states that vehicle miles traveled is “generally” the most appropriate measure of transportation impacts. No particular methodology or metric is mandated by section 15064.3(b) and the methodology or metric is left to the lead agency, bearing in mind the criteria the legislature had in mind for determining the significance of transportation impacts in SB-743. These were expressed in Public Resource Code section 21099(b)(1), which states: “[t]hose criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses.”

The methodology used in this analysis is identified via Technical Memorandum dated March 27, 2023, (Appendix G of this Draft EIR) that was developed for use by the City in establishing an interim ordinance for SB 743 implementation in Arcata. The methodology is based on the Sacramento Blueprint Project, which studied how smart growth policies could lead to reductions in vehicle miles traveled. The Sacramento Blueprint Project changed how transportation impacts were analyzed, because it demonstrated that conventional travel demand models have inherent biases that make them insensitive to the effects of residential and employment density, neighborhood design, and a diversity of land uses near one another (the 3 Ds). It went a step further and developed procedures external to a traffic model to forecast the effects of the 3 Ds on travel behavior.

The methodology consists of determining the land use characteristics of each study area (neighborhood, city, county, etc.) and then assessing the potential for interacting with complementary land uses through non-auto trips. Data shows that when housing is near retail and services, people will walk or bike to those uses at least some of the time, and if they drive, the trips will be short (i.e., low vehicle miles traveled trips). Similarly, the likelihood of people walking or biking to work, rather than driving, depends on the distance between their homes and workplaces. Measures of proximity are also measures of the potential for vehicle miles traveled reduction.

The methodology establishes an impact threshold that aims to achieve a higher degree of land use diversity (and thus a lower rate of vehicle miles traveled per capita) than existing regional averages for Humboldt County. Using the land use diversity methodology described above impacts are considered less than significant provided the local diversity index for Arcata is at least 4 precent more diverse than the existing countywide average.

4.2.6 Impacts and Mitigation Measures

Impact TR-a: Would adoption and implementation of the General Plan 2045 conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

The General Plan 2045 builds on prior regional and planning efforts, including the Humboldt Regional Transportation Plan, Humboldt Regional Bicycle Plan, Humboldt Regional Pedestrian Plan, Humboldt Transit Development Plan, and the City of Arcata Bicycle and Pedestrian Plan. The General Plan 2045 includes policies, objectives and implementation measures concerning the circulation system, and describes the City's existing and proposed transportation system, that are contained in the Circulation and Mobility Element and Gateway Area Plan Element of the General Plan 2045. Key components relevant to the circulation system are summarized in the Project Description (Chapter 2) and in the Regulatory Framework section of this chapter (see Section 4.2.3). Key findings with regard to potential conflicts between the General Plan 2045 and applicable plans, programs and ordinances relevant to the circulation system are that:

- The Project supports the overall goal and key objectives of the Regional Transportation Plan (VROOM 2022-2042) that aim to provide a multi-modal transportation system that reduces vehicle miles traveled and carbon emissions, increase transit ridership and rates of bicycling and walking, and improves safety. The General Plan 2045 includes: sub-policy CM-1 Complete Streets that mandates provision of a balanced multi-modal transportation system; Policy CM-2 that requires travel demand management and promotes land use development patterns that would reduce vehicle miles traveled and carbon emissions; Policy CM-3 that directs the City to maintain bus service that connects key destinations; Policy CM-4 that requires context sensitive street design; and Policy CM-5 that mandates provision of citywide bikeway and pedestrian network to increase rates of bicycling and walking. In addition, proposed circulation network changes contained in the Gateway Area Plan Element would support VROOM goals and objectives by modifying streets to better facilitate active transportation.
- The Project aims to create a complete bicycle and pedestrian system and increase rates of bicycling and walking and incorporates proposed bikeway and pedestrian facilities identified in the Regional Bicycle Plan and Arcata Bicycle and Pedestrian Plan.
- The Project includes Policy CM-3 Bus Transit that supports the Humboldt Transit Development Plan including the provision of efficient transit routes that aim to increase the rate of transit ridership. In addition, the Project promotes land use and development patterns that encourage high density and mixed land- use patterns which translate into higher transit and pedestrian travel in the downtown and neighborhood commercial areas.
- The Project supports the provision of pedestrian and transit access provisions consistent with ADA requirements. The General Plan 2045 Circulation and Mobility Element includes a sub-policy CM-5h (Sidewalks), which requires the provision of sidewalks to meet ADA clearance requirements. In addition, the General Plan 2045 Circulation and Mobility Element includes sub-policies requiring pedestrian-oriented design and pedestrian network enhancements that aim to reduce sidewalk gaps that further improve accessibility.
- The Project is consistent with the Complete Streets Act. The General Plan 2045 includes sub-policy CM-1a Complete Streets that mandates provision of a balanced multi-modal transportation system consistent with the Complete Streets Act. The General Plan 2045 Circulation and Mobility Element also includes Policy CM-4 that requires context-sensitive street design policy to support the provision of Complete Streets.

Based on these key findings: the Project is not anticipated to conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact TR-b: Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

As described in the Methodology subsection of Section 4.2.5, Impact Analysis, transportation impacts due to the Arcata General Plan 2045 relevant to CEQA Guidelines Section 15064.3(b) were analyzed by comparing the City's land use diversity score with implementation of General Plan 2045 to the existing countywide land use diversity score average. Higher land use diversity scores correlate with reduced rates of vehicle miles traveled.

Under existing conditions: the City of Arcata's overall score of 81.5 means that it is 18.5 points away from the ideal score. Since the countywide average score is 74.3, or 25.7 points from perfect, Arcata's score is 28% better than the countywide average.

Under future (year 2045) conditions with the Project: the City of Arcata's overall score would improve to 83.9, indicating that Arcata's land use patterns would be more diverse than under existing conditions, and would continue to generate lower rates of vehicle miles traveled than the Countywide average. Since Arcata's land use diversity score would continue to be higher than the impact threshold of 75.4, this impact would be less than significant.

Table 4.2-1 Land Use Diversity Assessment

	Land Use Diversity Score
Citywide Diversity Score (Existing Conditions)	81.5
Countywide Diversity Score (Existing Conditions)	74.3
Impact Threshold (4% higher than existing Countywide Diversity Score)	75.4 or lower
Citywide Diversity Score (Year 2045 with Project Conditions)	**83.9**
Impact Finding	**Less than Significant**

Note: Higher scores represent diverse land use patterns anticipated to generate lower rates of vehicle miles traveled, while lower scores represent less-diverse land use patterns anticipated to result in higher rates of vehicle miles traveled.
Source: GHD 2023.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact TR-c: Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

The Project is a program-level planning effort which does not directly address geometric design features. However, numerous planned projects are mentioned in the proposed Circulation and Mobility Element, including:

– Extension of 8th Street and 9th Street one-way couplets
– Roundabouts and mini-roundabouts at several locations along arterial roads
– New roadways connecting new development or existing roadways
– New bikeways including Class I Multi-use paths, trails, and other on-street bikeways

All roadways, bikeways, and intersection improvements will be designed to City or Caltrans engineering and safety standards, as appropriate.

The proposed Circulation and Mobility Element includes sub-policy CM-4c (Slowing Traffic) that aims to improve safety; this sub-policy states:

The City shall employ a range of measures to reduce speeds and "calm" traffic in various commercial areas, near schools, public recreation areas and in residential neighborhoods to improve safety and comfort for those walking, rolling, biking, and taking transit.

1. *Transportation Safety Committee. The Transportation Safety Committee holds regular public meetings and reviews matters related to traffic safety in Arcata and make recommendations to the Council, Commissions, or City staff as appropriate. Measures requested by residents or property owners, or initiated by City staff, that intended to slow traffic shall/should be presented to the Transportation Safety Committee for recommendations. The Transportation Safety Committee shall make recommendations after a public meeting where any public comments are heard.*
2. *Measures should be context sensitive and may include the installation of physical infrastructure, such as street trees, speed bumps, speed humps, narrowing streets, mid-block crossings, and bulb outs, while ensuring that the techniques employed have the effect of slowing traffic without compromising emergency access.*
3. *The installation of speed tables, humps and lumps shall adhere to the then current City of Arcata policy regarding installation of speed tables, humps and lumps for residential and local streets administered by the Department of Building and Engineering.*
4. *All neighborhood streets shall remain open to through vehicle travel unless there is a demonstrated safety problem that cannot be adequately addressed through the measures identified above.*

Future development under the General Plan 2045 would also be required to comply with street design standards, Manual of Uniform Traffic Control Devices requirements, fire code requirements and zoning regulations, ensuring that the adoption of the General Plan 2045 would result in less-than- significant impacts with respect to design hazards.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact TR-d: Result in inadequate emergency access?

Implementation of the General Plan 2045 would allow for increased development and population growth, which would increase the number of users on the City's transportation system. While traffic flows and patterns could change, therefore potentially slowing response times, the traffic operational analysis and resulting level of service (LOS) indicates that the proposed street and highway system will have sufficient capacity to ensure adequate emergency access provisions to accommodate increased population and growth. Additionally, The Project contains the following Circulation and Mobility Element sub-policy CM-1e (Critical transportation facilities) which states that:

- *Critical transportation facilities for emergency vehicle access and emergency evacuation shall be maintained and improved as a priority need. However, when determining needed improvements, ease and speed of emergency vehicle access shall at all times be weighed against safe design for all street users. Critical transportation facilities include the major routes into and out of the City such as Highways 101, 299, and 255, their interchanges with City streets and primary intra-city street connections including Samoa Boulevard, 11th Street, "G" and "H" Streets, Sunset Avenue, L.K. Wood Boulevard, Alliance Road, Janes Road, and Giuntoli Lane. Due to the potential for structural failure of these facilities in a seismic emergency, alternative routes and procedures for their use shall be identified.*

Future development under the General Plan 2045 would be required to comply with existing regulations, including fire code, building code, street design standards, and zoning regulations that address site-specific provisions related to emergency access. This will further ensure that the adoption of the General Plan 2045 would result in less-than-significant impacts with respect to emergency access.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

4.2.7 Cumulative Impacts

Impact TR-C-1: Would the Project contribute to a cumulatively significant impact to Transportation?

Cumulative developments in the region that are outside the City's sphere of influence would only be considered cumulatively considerable based on the evaluation criteria (described in section 4.2.4) if it were to result in conflicts between the General Plan 2045 with applicable circulation system plans, cause local rates of vehicle miles traveled in Arcata to exceed regional averages; or result in design hazards or inadequate emergency access. There are no reasonable, foreseeable cumulative developments in the region that would have such an effect.

The analysis of impacts TR-a, TR-b, TR-c, and TR-d is based on anticipated future conditions under the General Plan 2045 though the horizon year of 2045 that includes anticipated cumulative development within the City's Sphere of Influence, including the forecasted range of population growth and private development, and completion of the planned transportation network. Reasonably foreseeable future land use activities within the City's Sphere of Influence are therefore already accounted for by those assessments, and no cumulative significant impacts are anticipated to occur due to future development within the City's Sphere of Influence.

Based on this assessment, the potential for cumulative transportation impacts attributable to subsequent projects would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

4.2.8 References

City of Arcata. 2010. Pedestrian & Bicycle Master Plan. Department of Building and Engineering. July. http://assessment.walkfriendly.org/fileupload/Apr10_PedBikeMasterPlan-2010-cc.pdf

City of Arcata. 2018. West End Specific Plan. https://www.cityofarcata.org/DocumentCenter/View/11896/WesCM-End-Specific-Plan---Final---July-2018?bidId=

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Humboldt County Association of Governments (HCAOG). 2018. Humboldt Regional Bicycle Plan Update.

Humboldt County Association of Governments (HCAOG). 2022. 20-Year Regional Transportation Plan – Variety in Rural Options of Mobility (VROOM) 2022-2042.

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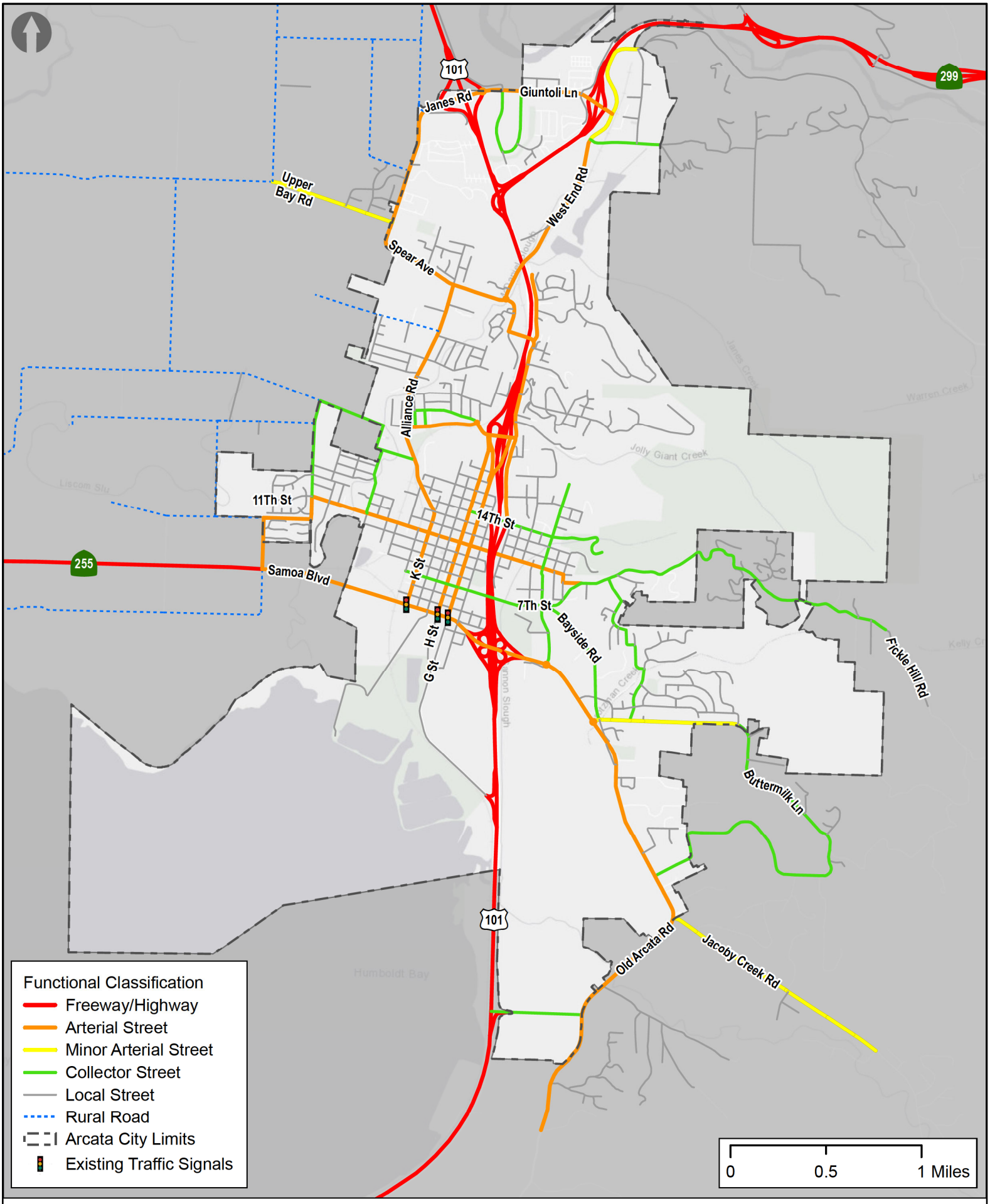

Figure 4.2-1: Existing Roadway Functional Classification

Created by GHD
Map Date: 6/1/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

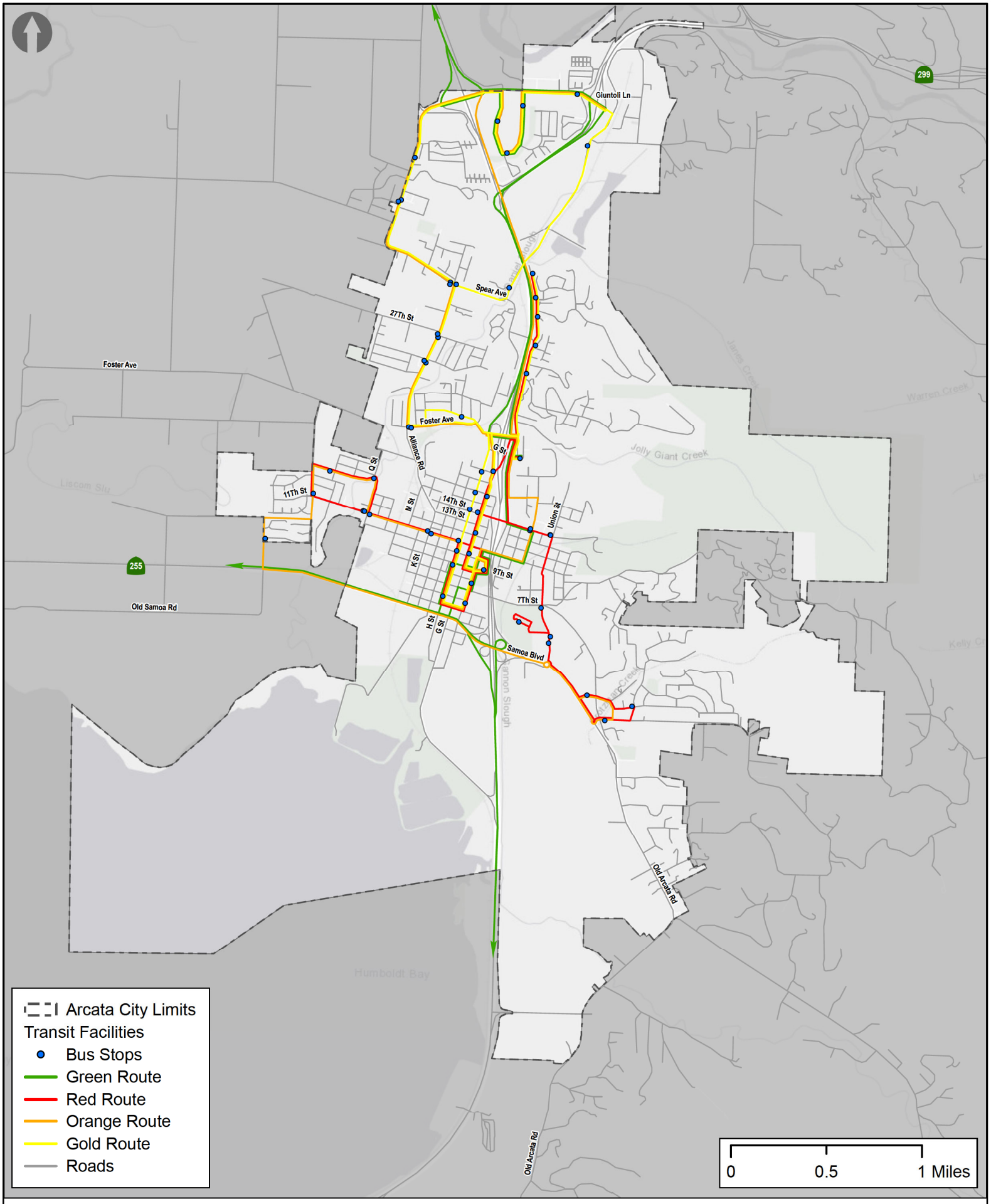

Figure 4.2-2: Existing Transit Network

Created by GHD
Map Date: 6/1/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

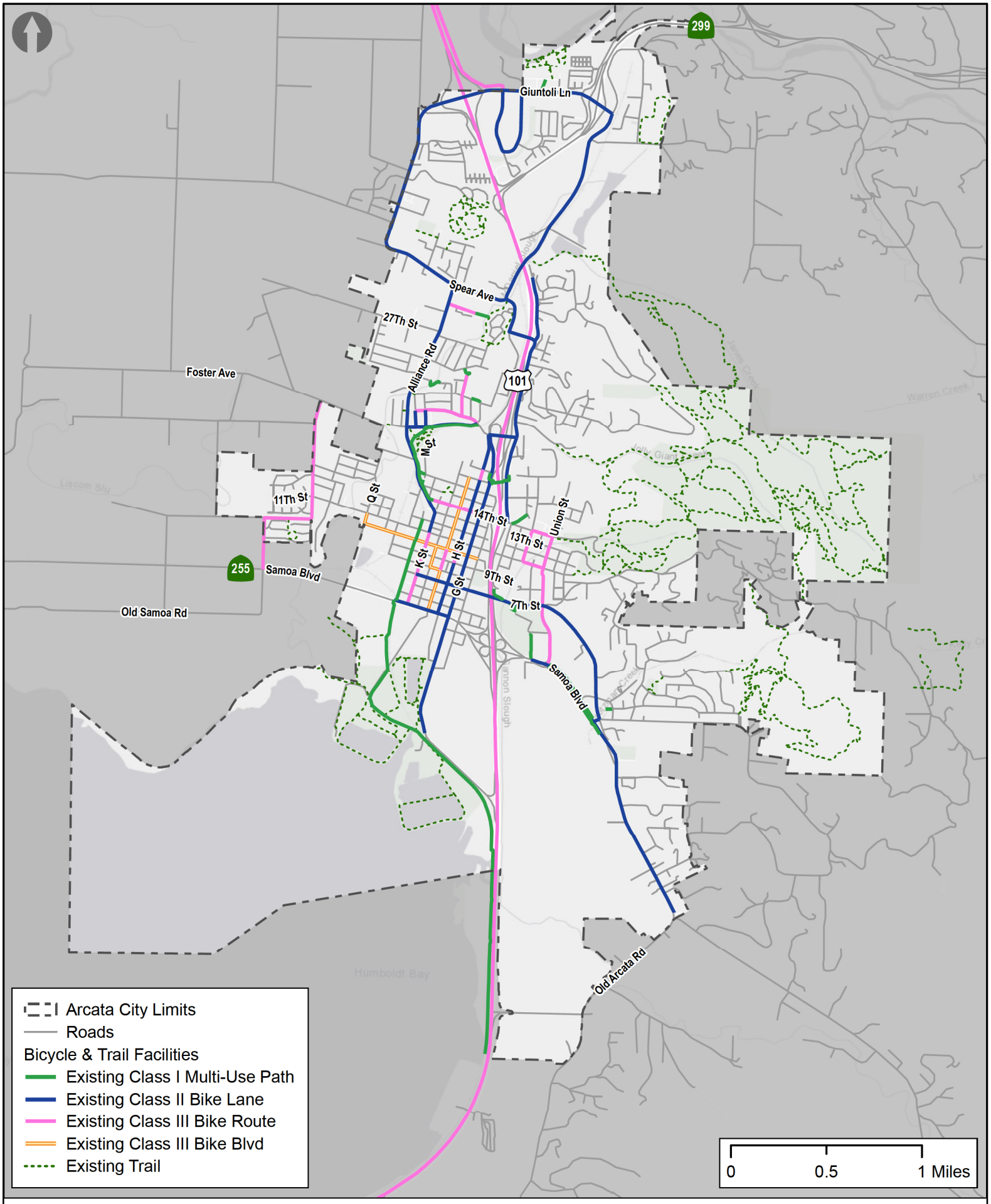

Figure 4.2-3: Existing Bicycle and Trail Facilities

Created by GHD
Map Date: 6/1/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

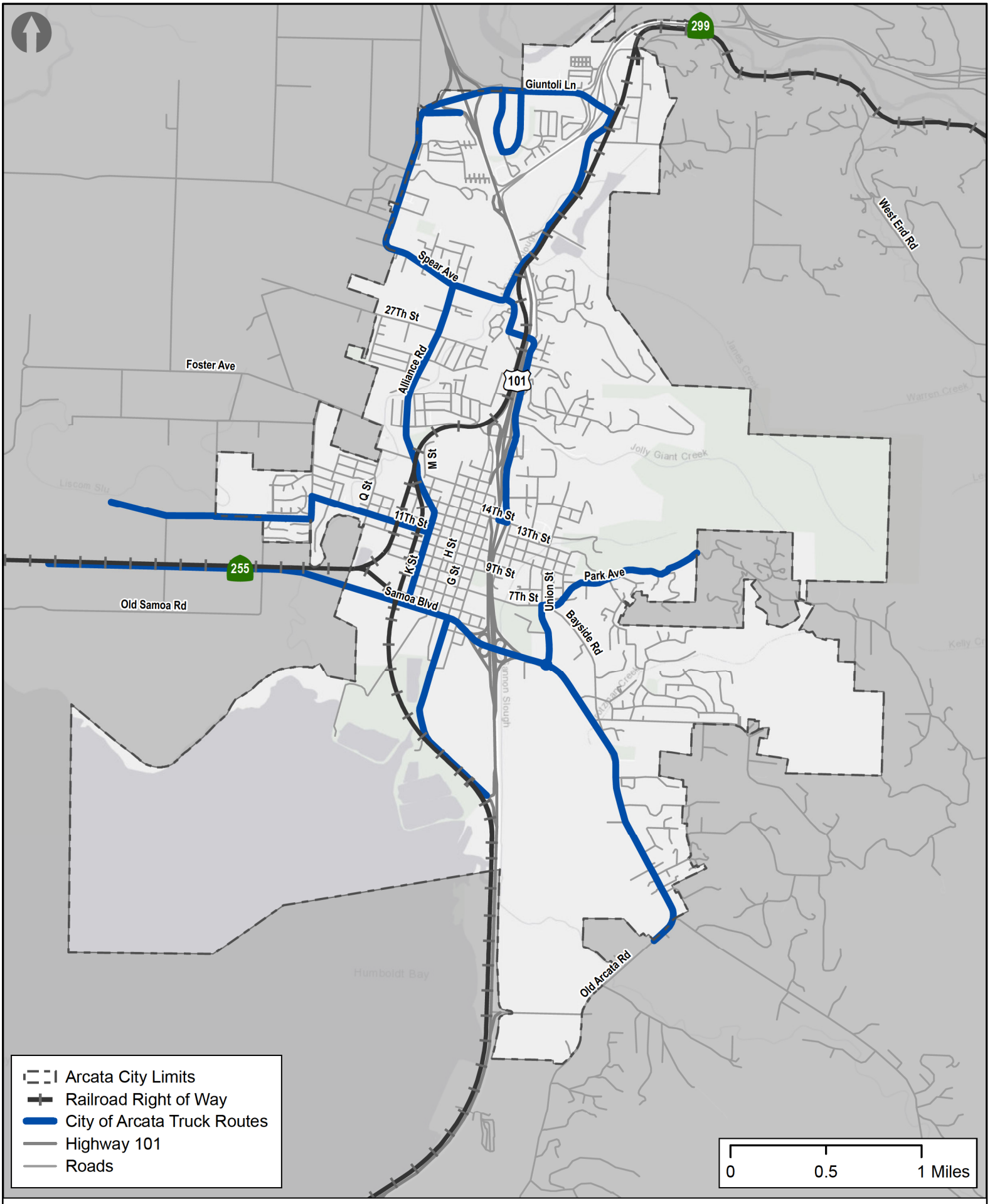

Figure 4.2-4: Existing Truck Routes & Rail Right of Way

Created by GHD
Map Date: 6/1/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

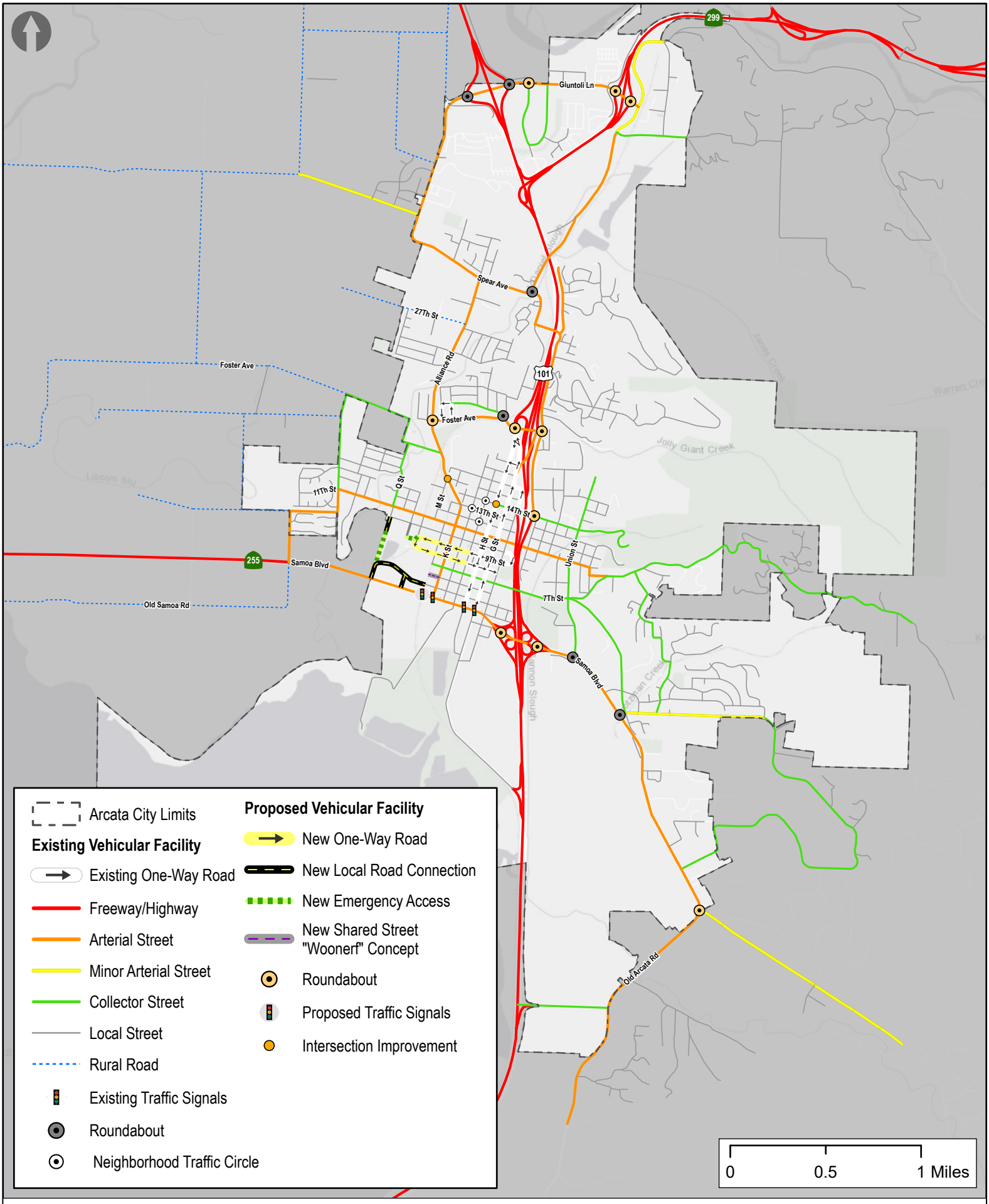

Figure 4.2-5: Proposed Vehicular Circulation

Created by GHD
Map Date: 1/26/2024

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

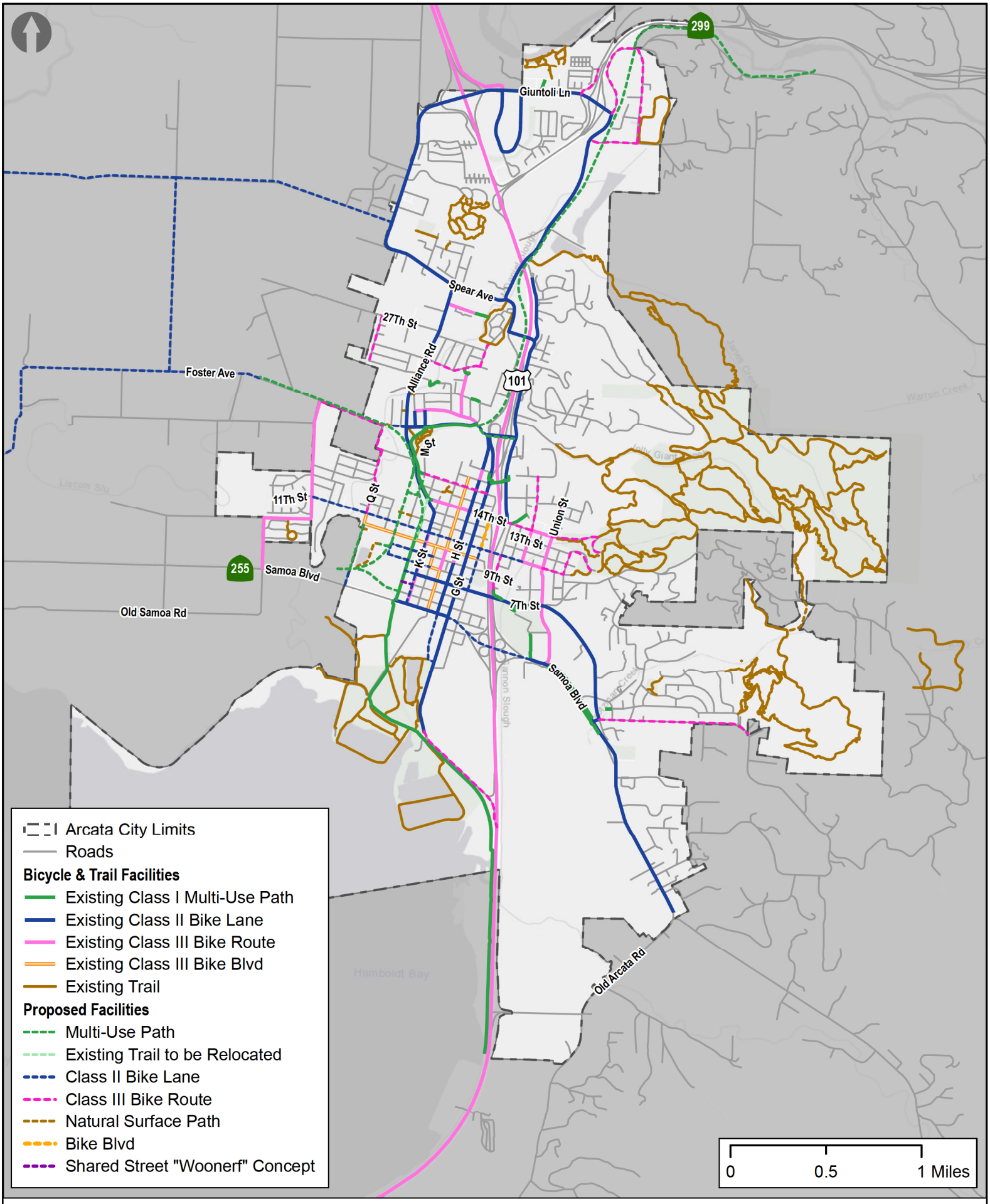

Figure 4.2-6: Proposed Bikeway & Trail Network

Created by GHD
Map Date: 6/2/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA; Roads: Humboldt County; Proposed Facilities: GHD

5.0 Natural Environment

5.1 Introduction

The Natural Environment refers to ecological and physical resources throughout the study area. Arcata's natural resources are a significant component of the community. The City is integrated with and surrounded by agricultural lands, forests, streams and creeks, wetlands, hillsides, bay and tidelands. These resources provide ecological, recreational, and economic values for the community and surrounding areas.

This Draft EIR analyzes the potential effects of the adoption and implementation of the General Plan 2045 on the environment under the applicable environmental resource categories listed in the CEQA Initial Study Checklist (Appendix G of the 2023 CEQA Guidelines). Draft EIR Chapter 5, Natural Environment, addresses environmental resource areas potentially impacted by the General Plan 2045 in the following sections:

– 5.2 Agricultural and Forest Resources
– 5.3 Biological Resources
– 5.4 Geology and Soils
– 5.5 Hydrology and Water Quality
– 5.6 Mineral Resources
– 5.7 Wildfire

For each environmental resource area, the section describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the adoption and implementation of the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

5.2 Agriculture and Forest Resources

This section evaluates the potential impacts related to agriculture and forest resources resulting from adoption and implementation of General Plan 2045. To provide the basis for this evaluation, the Setting section below describes the agriculture and forestry setting. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to agriculture and forest resources resulting from adoption and implementation of General Plan 2045, and identifies the significance of impacts.

5.2.1 Study Area

For impact assessment related to agriculture and forestry resources, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas). Although there is mention of the Arcata Bottom in General Plans 2020 and 2045, the Arcata Bottom is outside of City limits and General Plan policy does not have regulatory authority within surrounding unincorporated lands. Therefore, the focus of this section is the City limits due to the proposed scope of infill development, which will occur only within the City.

5.2.2 Setting

Arcata's agricultural lands are primarily located outside of the study area and includes the Arcata Bottom. These lands are currently used primarily for flowers, silage and hay production, food production, and livestock grazing. The Arcata Bottom is former tidal lands and were diked and drained in the late 1800s and early 1900s for agricultural production. There are 1,036 acres of land zoned and designated Agriculture Exclusive within the study area. This is approximately 14% of the total land area within City limits.

Although Arcata is generally urbanized within City limits, much of the underlying soils could be considered "prime" soils for farmland under certain conditions and criteria. The quality of these underlying soils but lack of evaluation by the California Department of Conservation or the U.S. Department of Agriculture's (USDA's) Natural Resource Conservation Service make it difficult to evaluate and differentiate between prime agricultural soils and bona fide prime agricultural *lands* within City limits, and require the application of other state criteria for evaluation of prime agricultural land and potential impacts to those lands within City limits.

According to Public Resources Code Section 21060.1(b) and Government Code Section 51201(c), which is further described within the CEQA subsection of Section 5.2.3 below, there are 150 parcels and one right-of-way area considered vacant or undeveloped (comprising approximately 90.5 acres) that can be considered "prime agricultural land" within City limits (see Figure 5.2-1 – Prime Agricultural Lands within City Limits). Parcels that contain structures or other development were not included in this analysis because they are less likely to be utilized for agriculture and therefore would not meet definitions (3) and (4) of "prime agricultural land" per Government Code Section 51201(c).

The Project study area is located on generally flat and gently sloping bottomlands between Humboldt Bay and the forested hillslopes. Soils within the City limits are variable and have been predominantly disturbed and compacted due to prior City developments and improvement activities and from adjacent residences, businesses, and schools, and associated utility infrastructure. The Coastal Zone overlaps into the southern portion of the City limits (see Figure 2-1 – City of Arcata Planning Areas). Much of the area zoned for agricultural purposes in the Coastal Zone was historically wetlands and tidal marsh; however, has largely been diked and filled for agricultural purposes.

The agricultural lands in and around Arcata produce crops of raspberries, strawberries, lilies, daffodils, potatoes, corn, artichokes, hay (forage for cattle), and a number of other shallow-rooted crops. There is community support for the continuation of dairy, beef, vegetable, fodder, and flower production in the City and the Planning Area (Figure 2-1), and recognition that protection of agricultural values, as well as open space and recreational values, is important.

5.2.3 Regulatory Framework

Federal

Federal Farmland Protection Policies

Under the Federal Farmland Protection Policy Act (FPPA), projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to non-agricultural use and are completed by, or with the assistance of, a federal agency. The Natural Resources Conservation Service is charged with oversight of the FPPA. The proposed Project is funded with federal funds, and occurs on historic pastureland, warranting consideration under the FPPA.

The Natural Resources Conservation Service uses a Land Evaluation and Site Assessment system to establish a farmland conversion impact rating score on proposed sites of federally funded and assisted projects. The assessment is conducted on the Farmland Conversion Impact Rating form. According to this form, if the site does not contain Prime, Unique, Statewide or Local Important Farmland, then the FPPA does not apply. In California, maps of these different farmland types are prepared by the Department of Conservation through the Farmland Mitigation and Monitoring Program (FMMP).

Humboldt County has not been mapped through FMMP, and accordingly the study area does not contain the designations mentioned above. Therefore, the requirements of the FPPA would not apply to this Project. Consideration of any potential future classification of agricultural lands in the study area in the absence of FMMP mapping is discussed under CEQA below.

US Department of Agriculture Natural Resource Conservation Service

There is not a single definition of prime agricultural land. The Land Capability Classification System, the Land Inventory and Monitoring System, and the Storie Index Rating system are each used by the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service in its effort to survey soils and assess agricultural lands throughout the United States. Prime farmlands are defined by the USDA in the following manner:

> *Prime farmlands are soils that are best suited to food, feed, forage, fiber, and oilseed crops. Such soils have properties that favor the economic production of sustained high yields of crops. The soils need only to be treated and managed by acceptable farming methods.*

The following are two definitions of urban land found on the Natural Resource Conservation Service website that suggest that infill sites within City limits would likely not be considered as prime agricultural land by the Natural Resource Conservation Service:

> *Urban Land. Areas so altered or obstructed by urban works or structures that identification of soils is not feasible.*
>
> *Urban and built-up areas. A land cover/use category consisting of residential, industrial, commercial, and institutional land; construction sites; public administrative sites; railroad yards; cemeteries; airports; golf courses; sanitary landfills; sewage treatment plants; water control structures and spillways; other land used for such purposes; small parks (less than 10 acres) within urban and built-up areas; and highways, railroads, and other transportation facilities if they are surrounded by urban areas. Also included are tracts of less than 10 acres that do not meet the above definition but are completely surrounded by Urban and built-up land. Two size categories are recognized in the NRI: areas of 0.25 acre to 10 acres, and areas of at least 10 acres.*

State

Farmland Conservancy Program Act

State farmland protection policy is described in the California Farmland Conservancy Program Act (Public Resources Code Section 10201-10202). The California Farmland Conservancy Program Act recognizes the importance of the state's agricultural lands economically, culturally, and in terms of food security, as well as the threat to those lands from development. The agricultural conservation strategy established by the California Farmland Conservancy Program Act involves appropriating state funds for the voluntary purchase of agricultural easements, together with restrictions on development through local planning and zoning.

California Environmental Quality Act (CEQA)

The study area has not been mapped through FMMP, and accordingly does not contain the designations mentioned below. Consideration of any potential future classification of agricultural lands in the study area in the absence of FMMP mapping is discussed under CEQA below.

The Department of Conservation has mapped and designated farmlands in cooperation with county governments through the Farmland Mapping and Monitoring Program (FMMP). The FMMP designates lands in the following categories, from greater to lower agricultural value (as a general rule). Those designations are: (1) Prime; (2) Farmland of Statewide Importance; (3) Unique Farmland; (4) Farmland of Local Importance; (5) Grazing Land; (6) Urban and Built-Up Land; (7) Other Land; and (8) Water. For environmental review purposes under CEQA, the categories of Prime Farmland, Farmland of Statewide Importance, Unique Farmland, Farmland of Local Importance, and Grazing Land constitute 'agricultural land' (Public Resources Code Section 21060.1).The Department of Conservation identifies and maps these areas, as defined below, based on water availability, soil temperature range, acid-alkali balance, water table location, soil sodium content, flooding, erodibility, permeability, rock fragment content, and rooting depth.

Prime Farmland: Farmland with the best combination of physical and chemical features able to sustain long term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Unique Farmland: Farmland with the special combination of soil quality, location, growing season, and moisture supply needed to produce sustained high quality and/or high yields of a specific crop when treated and managed according to current farming methods. This land is usually irrigated but may include non-irrigated orchards or vineyards as found in some climatic zones in California. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Farmland of Statewide Importance: Farmland other than Prime Farmland which has a good combination of physical and chemical characteristics for the production of crops but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Farmland of Local Importance: Land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee. Farmland of Local Importance is either currently producing or has the capability of production; but does not meet the criteria of Prime, Statewide or Unique Farmland. There are no farmlands of local importance mapped in City limits.

Grazing Land: Land on which the existing vegetation is suited to the grazing of livestock. This category was developed in cooperation with the California Cattlemen's Association, University of California Cooperative Extension, and other groups interested in the extent of grazing activities.

Urban and Built-up Land: Land occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.

Other Land: Land not included in any other mapping category. Common examples include low density rural developments; brush, timber, wetland, and riparian areas not suitable for livestock grazing; confined livestock, poultry or aquaculture facilities; strip mines, borrow pits; and water bodies smaller than forty acres. Vacant and non-agricultural land surrounded on all sides by urban development and greater than 40 acres is mapped as Other Land.

CEQA requires lead agencies to potential impacts to agricultural resources at least in part based on the FMMP. However, in areas where lands have not been mapped through the FMMP (such as the study area), PRC Section 21060.1(b) states a property is considered "prime agricultural land" if its meets any of the following definitions provided at Government Code (GOV) Section 51201(c):

> *(c) "Prime agricultural land" means any of the following:*
>
> 1. *All land that qualifies for rating as class I or class II in the Natural Resource Conservation Service land use capability classifications.*
> 2. *Land which qualifies for rating 80 through 100 in the Storie Index Rating.*
> 3. *Land which supports livestock used for the production of food and fiber and which has an annual carrying capacity equivalent to at least one animal unit per acre as defined by the United States Department of Agriculture.*
> 4. *Land planted with fruit- or nut-bearing trees, vines, bushes, or crops which have a non-bearing period of less than five years and which will normally return during the commercial bearing period on an annual basis from the production of unprocessed agricultural plant production not less than two hundred dollars ($200) per acre.*

As stated, by this definition approximately 150 parcels within City limits can be considered to contain "prime agricultural land". This determination of which lands can be considered "prime agricultural land" per PRC Section 21060.1(b) is discussed in more detail in Section 5.2.5 and Impact AG-a of Section 5.2.6.

Under CEQA, an impact on an agricultural resource is considered significant if a Project would result in an impact to or conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, or to "prime agricultural land" in the absence of the other designations. A Land Evaluation and Site Assessment evaluation is an optional model to assess impacts on agricultural resources and was not performed for this Project.

California Coastal Act

The study area contains lands within the Coastal Zone boundary. There are 873 acres of land zoned and designated Agriculture Exclusive within the Coastal Zone. This is approximately 84% of the total land area zoned for agricultural use within City limits. The California Coastal Act (Coastal Act) contains the Government Code policies relevant to the conversion of agricultural land in the Coastal Zone to natural resource uses including:

> ***Public Resources Code Section 30113***
>
> *"Prime agricultural land" means those lands defined in paragraph (1), (2), (3), or (4) of subdivision (c) of Section 51201 of the Government Code.*
>
> ***Public Resources Code Section 30241.5***
>
> *Agricultural land; determination of viability of uses; economic feasibility evaluation*
>
> a. *If the viability of existing agricultural uses is an issue pursuant to subdivision (b) of Section 30241 as to any local coastal program or amendment to any certified local coastal program submitted for review and approval under this division, the determination of "viability" shall include, but not be limited to, consideration of an economic feasibility evaluation containing at least both of the following elements:*

1. *An analysis of the gross revenue from the agricultural products grown in the area for the five years immediately preceding the date of the filing of a proposed local coastal program or an amendment to any local coastal program.*

2. *An analysis of the operational expenses, excluding the cost of land, associated with the production of the agricultural products grown in the area for the five years immediately preceding the date of the filing of a proposed local coastal program or an amendment to any local coastal program.*

   For purposes of this subdivision, "area" means a geographic area of sufficient size to provide an accurate evaluation of the economic feasibility of agricultural uses for those lands included in the local coastal program or in the proposed amendment to a certified local coastal program.

b. The economic feasibility evaluation required by subdivision (a) shall be submitted to the commission, by the local government, as part of its submittal of a local coastal program or an amendment to any local coastal program. If the local government determines that it does not have the staff with the necessary expertise to conduct the economic feasibility evaluation, the evaluation may be conducted under agreement with the local government by a consultant selected jointly by local government and the executive director of the commission.

Public Resources Code Section 30242

All other lands suitable for agricultural use shall not be converted to nonagricultural uses unless (1) continued or renewed agricultural use is not feasible, or (2) such conversion would preserve prime agricultural land or concentrate development consistent with Section 30250. Any such permitted conversion shall be compatible with continued agricultural use on surrounding lands.

Local

This section includes the City's existing General Plan 2020 policies, City Local Coastal Program policies, and the proposed General Plan 2045 policies related to agriculture and forest resources.

City of Arcata General Plan 2020

The General Plan 2020 addresses agriculture and forest resources in its Resource Conservation and Management Element. The following policies from the General Plan 2020 were used to analyze the difference in existing versus proposed policies in the General Plan 2045.

Policy RC-5: Agricultural Resources Management

Objective. *Protect and enhance agricultural uses on prime agricultural lands within the City, and encourage more productive agricultural use of agriculturally suitable lands.*

Applicable sub-policies:

- ***RC-5a: Promotion of and participation in agricultural production within the City.*** *Diverse and intensive agricultural production and increased participation shall be promoted, in order to maintain the value of agricultural lands, improve the economic base, and increase employment and food production. The City does not, however, advocate more intensive agricultural uses and practices that would have adverse environmental impacts. Agricultural operations, such as Community Supported Agriculture (CSA) are strongly encouraged.*

- ***RC-5b:*** *Agricultural Advisory Committee – The City shall appoint an Agricultural Advisory Committee to advise on agricultural issues and programs. The responsibilities of the committee shall include, but are not limited to:*

  1. *Development of a Community and Farm Protection Ordinance, as well as conflict resolution protocol.*

2. *Development of programs (educational, leasing, and purchase) that will encourage responsible productive uses of agricultural lands.*
3. *Identification of lands for preservation and/or acquisition programs.*
4. *Maintain a database of resources available to farmers, such as Williamson Act advantages, conservation easements, organic farming practices, and marketing strategies.*

- ***RC-5c: Community and farm protection.*** *Maintaining a compatible relationship between agricultural and residential uses will be based on:*

  1. *Recognizing the rights of owners of productive agricultural land to make agricultural use of their land.*
  2. *Identifying and minimizing potential conflicts between agricultural operations and adjacent residential, commercial, and community facility uses.*
  3. *A Community and Farm Protection Ordinance shall provide a foundation for minimizing conflicts, educating the community, and a protocol for mediating unresolved disputes. Once adopted, the ordinance shall be mailed to all owners of agricultural and adjacent lands and disclosed to affected property owners at the time of parcel transfer*

- ***RC-5d: Permanent protection for agricultural lands.*** *Protection of agricultural resources shall be secured through the purchase of conservation easements, development rights, and outright acquisition. The City shall work in conjunction with other entities such as land trusts, whenever possible, to preserve agricultural buffers and maintain and enhance agricultural uses on prime agricultural soils.*

Policy RC-6: Forest Resources Management

Objective. *Protect and enhance private and public forest lands (Community and Jacoby Creek) to maintain the integrity of the ecosystem while providing timber production, recreation, and habitat values.*

Applicable sub-policies:

- ***RC-6a: Management of Arcata Community Forest.*** *The City's forest management plan includes the following policies:*

  1. ***Recreation and aesthetic resources management.*** *The community forest will emphasize dispersed, day-use opportunities. Recreational use shall not be allowed to impact other resources such as fish, wildlife, or watershed.*
  2. ***Timber resource management.*** *To ensure the sustainable and long-term production of forest products, the rate of harvesting must not exceed the rate of production. Long-term productivity refers to the continuing ability of the forest to produce timber while retaining the associated values of watershed, wildlife, soils, recreation and aesthetics. This is dependent upon the use of management practices that do not allow for the deterioration or impairment of soil productivity or the alteration of the natural landscape beyond its ability to recover. For planning purposes, long term means that exceeding fifty years.*
  3. ***Watershed resource management.*** *Water quality, soil, riparian, and aquatic biological productivity shall be maintained and enhanced through the application of City forest management standards and the implementation of watershed improvement projects.*
  4. ***Wildlife resource management.*** *Wildlife habitat is managed to promote species diversity and to ensure that populations of indigenous species are maintained. This can best be achieved through the maintenance and enhancement of habitat values. Habitat values which lead to species diversity include the following elements: breeding, foraging, watering, rearing, hiding and thermal cover.*
  5. ***Vegetation and botanical resources.*** *Maintain the native component of species found in the redwood forest, both by controlling exotics and managing for a species mix that would be found naturally in the redwood forest.*

- ***RC-6b: Management of Jacoby Creek Forest.*** *The management policies for the Jacoby Creek Forest are the same as those for the Arcata Community Forest, listed above, except that the Jacoby Creek Forest is not open to recreational use.*
- ***RC-6c: Allocation of forest fund revenues.*** *At least twenty percent of net forest fund revenues, derived from timber cutting, shall be directed towards park acquisition, maintenance, and development. This can include acquisition of stream corridors, and riparian and greenbelt areas. These areas contribute to the diversity of parks and, in the case of linear parks along stream corridors, provide passive recreation areas compatible with the environment. The acquisition of open space shall be emphasized as an appropriate use for the remaining revenues.*
- ***RC-6d: Management practices for private timberlands.*** *The management of private timberlands shall be encouraged to use current principles of sustainable forestry for all aspects of forest use and function: recreation; timber production; biodiversity; air and water quality; and carbon storage. Timber owners are encouraged to apply for conservation easements, certified forestry, or compensation for carbon storage.*
- ***RC-6e: Timber harvest plans.*** *The City, in cooperation with California Department of Forestry, shall request review of all Timber Harvest Plans (THP) within the Planning Area. The City shall review THPs for measures that protect water quality, control erosion and flooding, and preserve the City viewshed. The city shall recommend that THPs which do not include these measures not be approved.*
- ***RC-6f: Urban conversions.*** *The sustainable management of timber resources, and related uses, shall be encouraged, so that the long term economic return from productive timber production will provide sufficient incentives to prevent urban conversions. Urban conversions are discouraged within the Urban Services Boundary.*
- ***RC-6g: Setbacks.*** *Development adjacent to the Community Forest boundary shall be setback at least 150 feet, unless this would make the use of the parcel infeasible for its designated purpose. However, larger setbacks may be required to prevent exposure to potential hazards and to maintain forest integrity.*
- ***RC-6h: Monitoring.*** *Monitoring of forest practices, to ensure consistency with adopted management and harvest plans, shall be carried out as an implementation measure of this Element. The general objectives of the monitoring will be to:*

    1. *Determine the effectiveness of management practices at multiple scales (i.e., individual sites to watersheds).*
    2. *Validate ecosystem functions and processes have been maintained as predicted.*

City of Arcata Local Coastal Plan

The following policies within the City of Arcata's Local Coastal Plan (1989) that regulate agriculture or forest resources include the following.

Section 30241

The maximum amount of prime agricultural land shall be maintained in agricultural production to assure the protection of the area's agricultural economy, and conflicts shall be minimized between agricultural and urban land uses through all of the following:

a. *By establishing stable boundaries separating urban and rural areas, including, where necessary, clearly defined buffer areas to minimize conflicts between agricultural and urban land uses.*
b. *By limiting conversions of agricultural lands around the periphery of urban areas to the lands where the viability of existing agricultural use is already severely limited by conflicts with urban uses and where the conversion of the lands would complete a logical and viable neighborhood and contribute to the establishment of a stable limit to urban development.*

c. By permitting the conversion of agriculture land surrounded by urban uses where the conversion of the land would be consistent with Section 30250.

d. By developing available lands not suited for agriculture prior to the conversion of agriculture lands.

e. By assuring that public service and facility expansions and non-agricultural development do not impair agricultural viability, either through increased costs or degraded air and water quality.

f. By assuring that all divisions of prime agricultural lands, except those conversions approved pursuant to subdivision (b) of this section, and all development adjacent to prime agricultural lands shall not diminish the productivity of such prime agricultural lands.

Section 30241.5

All other lands suitable for agricultural use shall not be converted to non-agricultural uses unless (1) continued or renewed agricultural use is not feasible, or (2) such conversion would preserve prime agricultural land or concentrate development consistent with Section 30250. Any such permitted conversion shall be compatible with continued agricultural use on surrounding lands.

Proposed City of Arcata General Plan 2045

The following policies within the proposed General Plan 2045 that regulate agriculture or forest resources include the following.

Policy RC-5: Agricultural Resources Management

Objective. *Protect and enhance agricultural uses on prime agricultural lands within the City and encourage more productive agricultural use of agriculturally suitable lands.*

Applicable sub-policies:

- ***RC-5a: Promotion of and participation in agricultural production within the City.*** *Diverse and intensive agricultural production and increased participation in agricultural production, shall be promoted, in order to maintain the value of agricultural lands, improve the economic base, and increase employment and food production. The City does not, however, advocate more intensive agricultural uses and practices that would have adverse environmental impacts. Agricultural operations, such as Community Supported Agriculture (CSA) are strongly encouraged.*
- ***RC-5b: Community and farm protection.*** *Maintaining a compatible relationship between agricultural and residential uses shall be based on:*
    1. *Recognizing the rights of owners of productive agricultural land to make agricultural use of their land.*
    2. *Identifying and minimizing potential conflicts between agricultural operations and adjacent residential, commercial, and community facility uses.*
- ***RC-5c: Permanent protection for agricultural lands.*** *Protection of agricultural resources shall be secured through the purchase of conservation easements, development rights, and outright acquisition. The City shall work in conjunction with other entities such as land trusts, whenever possible, to preserve agricultural buffers and maintain and enhance agricultural uses on prime agricultural soils.*

Policy RC-6: Forest Resources Management

Objective. *Protect and enhance private and public forest lands (e.g. the Arcata Community Forest Tracts) to maintain the integrity of the ecosystem while providing timber production, recreation, and habitat values.*

Applicable sub-policies:

- ***RC-6a: Management of Arcata Community Forest.*** *The City's 2022 Forest Management Plan includes the following policies:*

1. ***Recreation and aesthetic resources management.*** *The community forest will emphasize dispersed, day-use opportunities. Recreational use shall not be allowed to impact other resources such as fish, wildlife, or watershed.*
2. ***Timber resource management.*** *To ensure the sustainable and long-term production of forest products, the rate of harvesting must not exceed the rate of production. Long-term productivity refers to the continuing ability of the forest to produce timber while retaining the associated values of watershed, wildlife, soils, recreation and aesthetics. This is dependent upon the use of management practices that do not allow for the deterioration or impairment of soil productivity. For planning purposes, long term means that exceeding fifty years.*
3. ***Watershed resource management.*** *Water quality, soil, riparian, and aquatic biological productivity shall be maintained and enhanced through the application of City forest management standards and the implementation of watershed improvement projects.*
4. ***Wildlife resource management.*** *Wildlife habitat is managed to promote species diversity and to ensure that populations of indigenous species are maintained. This can best be achieved through the maintenance and enhancement of habitat values. Habitat values that lead to species diversity include the following elements: breeding, foraging, watering, rearing, hiding and thermal cover.*
5. ***Vegetation and botanical resources -*** *Maintain the native biodiversity of species found in a redwood forest habitat, both by controlling exotics and managing for a species mix that would naturally occur in a redwood forest habitat.*

- ***RC-6b: Management of Jacoby Creek Forest.*** *The management policies for the Jacoby Creek Forest are the same as those for the Arcata Community Forest, listed above, except that the Jacoby Creek Forest is not open to recreational use.*
- ***RC-6c: Allocation of forest fund revenues.*** *Forest fund revenues, derived from timber harvest and carbon projects shall be deposited into a special revenue account within the City to be utilized for forest management purposes. Excess net forest fund revenues, when available, may be directed towards park acquisition, maintenance, and development. This can include acquisition of stream corridors, and riparian and greenbelt areas. These areas contribute to the diversity of parks and, in the case of linear parks along stream corridors, provide passive recreation areas compatible with the environment. The acquisition of open space shall be emphasized as an appropriate use for the remaining revenues.*
- ***RC-6d: Management practices for private timberlands.*** *The management of private timberlands shall be encouraged to use current principles of sustainable forestry for all aspects of forest use and function: recreation; timber production; biodiversity; air and water quality; and carbon storage. Timber owners are encouraged to apply for conservation easements, certified forestry, or compensation for carbon storage.*
- ***RC-6e: Timber harvest plans.*** *The City, in cooperation with California Department of Forestry, shall request review of all Timber Harvest Plans (THP) within the Planning Area. The City shall review THPs for measures that protect water quality, control erosion and flooding, and preserve the City viewshed. The city shall recommend that THPs that do not include these measures not be approved.*
- ***RC-6f: Urban conversions.*** *The sustainable management of timber resources, and related uses, shall be encouraged, so that the long-term economic return from productive timber production will provide sufficient incentives to prevent urban conversions. Urban conversions are discouraged within the Urban Services Boundary.*
- ***RC-6g: Setbacks.*** *Development adjacent to the Community Forest boundary shall be setback at least 150 feet, unless this would make the use of the parcel infeasible for its designated purpose. However, larger setbacks may be required to prevent exposure to potential hazards and to maintain forest integrity.*
- ***RC-6h: Monitoring.*** *Monitoring of forest practices, to ensure consistency with adopted management and harvest plans, shall be carried out as an implementation measure of this Element. The general objectives of the monitoring will be to:*

1. *Determine the effectiveness of management practices at multiple scales (i.e., individual sites to watersheds).*
2. *Validate ecosystem functions and processes have been maintained as predicted.*

Non-industrial Timber Management Plan

The Non-industrial Timber Management Plan is a long-term management option and permit available to timber land ownerships of less than 2,500 acres that was adopted in 1999. The Plan covers the Arcata Community Forest and the Jacoby Creek Forest. Elements include a description of timber stand characteristics, a description of proposed activities within each management unit, a description of cultural or historical records, and information on threatened or endangered plant or animal species. The Plan also stipulates that the landowner must practice uneven age management and demonstrate and document sustainable harvesting. The Plan is required by the State, and amendments and deviations are sent to CAL FIRE as lead agency for review and approval.

5.2.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the Project would be considered to have a significant impact on agricultural or forest resources if it would result in any of the following:

– Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the FMMP of the California Resources Agency, to non-agricultural use;
– Conflict with existing zoning for agricultural use or a Williamson Act contract;
– Conflict with existing zoning for, or cause rezoning of, forest land (as defined in PRC Section 12220(g)), timberland (as defined by PRC Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g));
– Result in the loss of forest land or conversion of forest land to non-forest use; or
– Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use.

5.2.5 Methodology

The study area used to analyze potential impacts to agricultural and forest resources predominantly contains developed land where residences, businesses and industrial operations exist. Some areas of undeveloped open space exist within the study area, portions of which are used for agriculture. Lands within the study area have not been formally analyzed by the Department of Conservation to determine if they meet the criteria for being designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. In accordance with PRC Section 21060.1(b), areas that have not been surveyed and classified through the Farmland Mapping and Monitoring Program can be considered “prime agricultural land” if they meet one of the four definitions provided at Government Code Section 51201(c):

1. All land that qualifies for rating as class I or class II in the Natural Resource Conservation Service land use capability classifications.
2. Land which qualifies for rating 80 through 100 in the Storie Index Rating.
3. Land which supports livestock used for the production of food and fiber and which has an annual carrying capacity equivalent to at least one animal unit per acre as defined by the United States Department of Agriculture.
4. Land planted with fruit- or nut-bearing trees, vines, bushes, or crops which have a nonbearing period of less than five years and which will normally return during the commercial bearing period on an annual basis from the production of unprocessed agricultural plant production not less than two hundred dollars ($200) per acre.

To determine which parcels within City limits can be considered prime agricultural land, parcels were first considered either developed or undeveloped. Developed parcels were defined to contain paved streets, paved

parking lots, railroad tracks, or structures with a foundation. Undeveloped parcels were considered to contain open space, fencing, storage of equipment or temporary structures that do not include a foundation (such as sheds), graveled streets or graveled parking lots. For the purposes of this impact analysis to determine areas of prime agricultural land, developed parcels were not considered because those parcels would have less likelihood to meet definitions 3 or 4 above. Developed and undeveloped land was considered at the parcel level, i.e., if a parcel contains a structure and open space (i.e., yard) the entire parcel is considered developed. Per this definition, the study area is predominantly developed "Urban and Built-Up Land" but contains pockets of undeveloped parcels which could be considered "Prime agricultural land" under certain circumstances and are further analyzed below.

The Arcata Community Forest tracts are located within the study area which contain second-growth redwood forest. A significant impact would occur if implementation of the proposed General Plan 2045 would result in inconsistencies or conflicts on these lands with the adopted goals and policies of applicable rules and regulations. The impact analysis included in this section is based on the determination of prime farmland, unique farmland or farmland of statewide importance using Public Resources Code 21060.1 (as described in impact question (a)), and lands zoned as Timber Production Zone, and potential anticipated development in those locations.

5.2.6 Impacts and Mitigation Measures

Impact AG-a: **Would the adoption and implementation of the General Plan 2045 convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program (FMMP) of the California Resources Agency, to non-agricultural use?**

The FMMP designates lands in the following categories, from greater to lower agricultural value (as a general rule). Those designations are: (1) Prime; (2) Farmland of Statewide Importance; (3) Unique Farmland; (4) Farmland of Local Importance; (5) Grazing Land; (6) Urban and Built-Up Land; (7) Other Land; and (8) Water. The Department of Conservation identifies and maps these areas based on water availability, soil temperature range, acid-alkali balance, water table location, soil sodium content, flooding, erodibility, permeability, rock fragment content, and rooting depth.

The study area has not been mapped through FMMP, and accordingly does not contain the designations mentioned above. Due to the developed condition of the majority of the study area, lands within City limits not specifically zoned for agricultural use would generally be considered as Urban and Built-Up Land with limited opportunity to be used as economically viable farmland, regardless of the underlying quality of the soils.

In total, there are approximately 150 parcels, amounting to approximately 89.26 acres, that can be considered prime agricultural land due to their meeting definition 1 or 2 as described in the 'Methodology" section, above (see Figure 5.2-1 – Prime Agricultural Lands within City Limits). Of that total, within the Infill Opportunity Zones, there are two undeveloped parcels and one right of way area within the Downtown Area totaling approximately 1.40 acres, four undeveloped parcels within the Valley West Area totaling approximately 3.70-acres, 13 undeveloped parcels in the Craftsman's Mall Area totaling approximately 9.96 acres, and 13 undeveloped parcels in the Gateway Area totaling approximately 8.00 acres. Additionally, there are 118 undeveloped parcels and one right of way area totaling 67.46 acres located outside of the Infill Opportunity Zones but within City limits. Definitions 1 and 2 above, Land Capability Class and Storie Index, were the two predominant factors used to determine if undeveloped land met the prime agricultural land definition.

The portions of undeveloped lands in the Infill Opportunity Zones that meet one of the criteria above are shown in Table 5.2-1 below.

Table 5.2-1. Undeveloped parcels within Infill Opportunity Zones considered Prime Agricultural Land

Infill Opportunity Zone	APN	Approx. Acreage	Soil Type	Rationale (NRCS 2023, Humboldt County 2023)
Downtown	021-102-004	0.08	185 – Timmons and Lepoil soils, 0-2% slopes	LCC of 1 (irrigated) or 2 (non-irrigated)
	ROW – no APN	1.26	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-164-018	0.07	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
Valley West	507-362-055	2.44	210 – Dungan	LCC of 1 (irrigated) or 2 (non-irrigated)
	507-362-057	0.56	210 – Dungan	LCC of 1 (irrigated) or 2 (non-irrigated)
	507-301-074	0.28	210 – Dungan	LCC of 1 (irrigated) or 2 (non-irrigated)
	507-301-047	0.41	210 – Dungan	LCC of 1 (irrigated) or 2 (non-irrigated)
Craftsman's Mall	505-051-022	1.72	185 & 186 – Timmons and Lepoil	LCC of 1 (irrigated) or 2 (non-irrigated); LCC of 2 (irrigated or non-irrigated)
	505-041-011	0.23	185 – Timmons and Lepoil soils, 0-2% slopes	LCC of 1 (irrigated) or 2 (non-irrigated)
	505-041-012	0.13	185 – Timmons and Lepoil soils, 0-2% slopes	LCC of 1 (irrigated) or 2 (non-irrigated)
	505-041-013	0.14	185 – Timmons and Lepoil soils, 0-2% slopes	LCC of 1 (irrigated) or 2 (non-irrigated)
	505-042-022	0.08	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	505-042-018	0.12	185 – Timmons and Lepoil soils, 0-2% slopes	LCC of 1 (irrigated) or 2 (non-irrigated)
	503-372-004	0.30	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	503-372-005	0.31	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	503-372-006	1.17	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	505-012-004	1.10	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	507-071-017	0.37	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
	507-071-004	1.84	210 – Dungan	LCC of 1 (irrigated) or 2 (non-irrigated)
	507-071-001	2.45	186 – Timmons and Lepoil soils, 2-9%	LCC of 2 (irrigated or non-irrigated)
Gateway Area	020-131-001	1.07	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	020-137-001	1.45	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)

Infill Opportunity Zone	APN	Approx. Acreage	Soil Type	Rationale (NRCS 2023, Humboldt County 2023)
	020-127-002	0.94	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	020-128-003	0.45	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	020-128-004	0.62	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-172-004	0.02	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-174-007	0.71	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-222-010	0.06	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-234-011	0.14	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-234-012	0.57	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	020-122-006	0.21	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-211-005	0.92	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)
	021-174-011	0.85	127 – Jollygiant, 0-2% slopes	LCC of 2 (irrigated or non-irrigated)

It is possible that some of the parcels within the core of the City could be considered prime agricultural land under certain circumstances; however, these lands are either currently zoned for other uses (residential, industrial), are on small, urban parcels with disturbed soils, are within the core of the City, and have been consistently converted to and planned for non-agricultural uses over the past hundred years. If mapped by the California Resources Agency, none of the listed parcels would quality as Prime or Unique Farmland, or Farmland of Statewide Importance, as none of the parcels have been used for primarily agricultural production in the last 4-year period. Regardless, the proposed form-based code and other City land use policy may allow development to occur on lands considered prime agricultural land from this analysis, and although these lands are not serving an existing agricultural function some meet at least one of the requirements of the four prime agricultural land criteria listed above (definition 1 or 2).

Although development under the proposed General Plan 2045 has the potential to result in development of prime agricultural land using this definition in absence of FMMP mapping, the City's plan to prioritize development within the core of the City would preserve agricultural land and other natural resources outside of City limits. The potential impact to agricultural resources is greater when implementing development goals that do not prioritize infill development, such as urban sprawl. Lands outside of City limits, i.e., the Arcata Bottom, are currently utilized for and are highly suitable for agricultural production and would potentially be threatened by sprawl development. Under the General Plan 2045, sprawl is explicitly discouraged through adoption of the City's greenbelt designation, which protects rural and agricultural lands within the City's Planning Area. Although adoption and implementation of the General Plan 2045 may result in the development of lands that are not being used for agricultural purposes but are considered prime agricultural land, the overarching benefit to agricultural resources is greater from infill development than it would be from sprawl. Therefore, while this potential impact could otherwise be considered significant and unavoidable due to the potential conversion of prime agricultural lands, the potential for conversion provides an overarching benefit to agricultural resources due to the limitation of sprawl on lands outside of the City limits.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact AG-b: Would adoption and implementation of the General Plan 2045 conflict with existing zoning for agricultural use, or a Williamson Act contract?

All future proposed development would be in compliance with City zoning. Two adjacent parcels are under a Williamson Act contract (APNs: 507-092-003 and 507-092-033) located east of Alliance Road (Humboldt County 2023). This area is outside of an Infill Opportunity Zone and is not prioritized for development. Potential future development would need to be in conformance with Williamson Act guidelines and would likely be limited to agricultural accessory buildings. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact AG-c: Would adoption and implementation of the General Plan 2045 conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

There are no changes to zoning of forest land under the proposed General Plan 2045. There are no substantial changes to forest management policies between the General Plan 2020 and 2045, see policy RC-6a and RC-6b. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact AG-d: Would adoption and implementation of the General Plan 2045 result in the loss of forest land or conversion of forest land to non-forest use?

It is possible that areas of vegetation may be removed to accommodate development, particularly within the Infill Opportunity Zones. However, potential removal of trees during infill development would be minor, if at all, and removal of trees would typically require a permit and likely require mitigation to offset the loss of that vegetation. The City is committed to protecting and stewarding forest resources and their proposed infill development strategy would protect contiguous forest stands within and adjacent to the City boundary. A less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact AG-e: Would adoption and implementation of the General Plan 2045 involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

As discussed throughout this section, the City's strategy of promoting infill development is being carried out to protect natural resources and contiguous working lands outside of the City boundary. Therefore, implementation of the General Plan 2045 would overwhelmingly protect agricultural and forest resources and help prevent future conversions. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

5.2.7 Cumulative Impacts

Impact AG-C-1: Would adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Agriculture and Forest Resources?

As discussed above, under the proposed General Plan 2045 the City would uphold forest management and stewardship practices and no adverse impact to forest resources would occur. It is possible that some of the developable parcels within the core of the City could be considered prime agricultural land under certain circumstances; however, these lands are currently zoned for other uses (residential, industrial) and are within the core of the City, and not supporting agricultural uses. The adoption and implementation of General Plan 2045 would have a less than significant impact associated with agriculture and forest resources due to its focus on infill development, which would reduce the likelihood of City-derived development or annexation of agricultural or forest resources outside of the City limits.

Projects considered under the cumulative impact analysis are listed in Table 1.10-1 – Projects Considered for Cumulative Impacts, and one project (the Foster Ave Solar project) appears to potentially pose an impact to agricultural resources if solar panels were to displace agricultural lands. Renewable energy projects listed in Table 1.10-1 may also pose similar threats to agricultural resources if the projects are sited on existing, former or potential agriculture land. However, this potential impact is speculative, and these projects may be designed to retain agricultural resources thereby avoiding potential impacts to agricultural resources, i.e., energy infrastructure can be sited on existing structures. Additional environmental review would occur on lands outside of City jurisdiction. Given that the General Plan 2045 upholds protections to agricultural resources (via policies RC-5a, RC-5b, and RC-5c) and would not enable development of structures within active agriculture operations, implementation of the General Plan 2045 in conjunction with the projects listed in Table 1.10-1 would not cause a cumulative adverse impact to agricultural resources. The General Plan 2045 would not cause an adverse impact to forest resources, therefore there is no cumulative impact to forest resources.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

5.2.8 References

California Department of Conservation. 2023. Important Farmland Categories. Available at: https://www.conservation.ca.gov/dlrp/fmmp/Pages/Important-Farmland-Categories.aspx Accessed September 5, 2023.

Humboldt County. 2023. Humboldt County WebGIS Online Database, FEMA Flood Zone Layer. Available online: https://webgis.co.humboldt.ca.us/HCEGIS2.0/ Accessed on June 5, 2023.

Natural Resources Conservation Service (NRCS). 2023. Soil Report for Infill Opportunity Zones. Available at: https://websoilsurvey.nrcs.usda.gov/app/ Accessed on June 5, 2023.

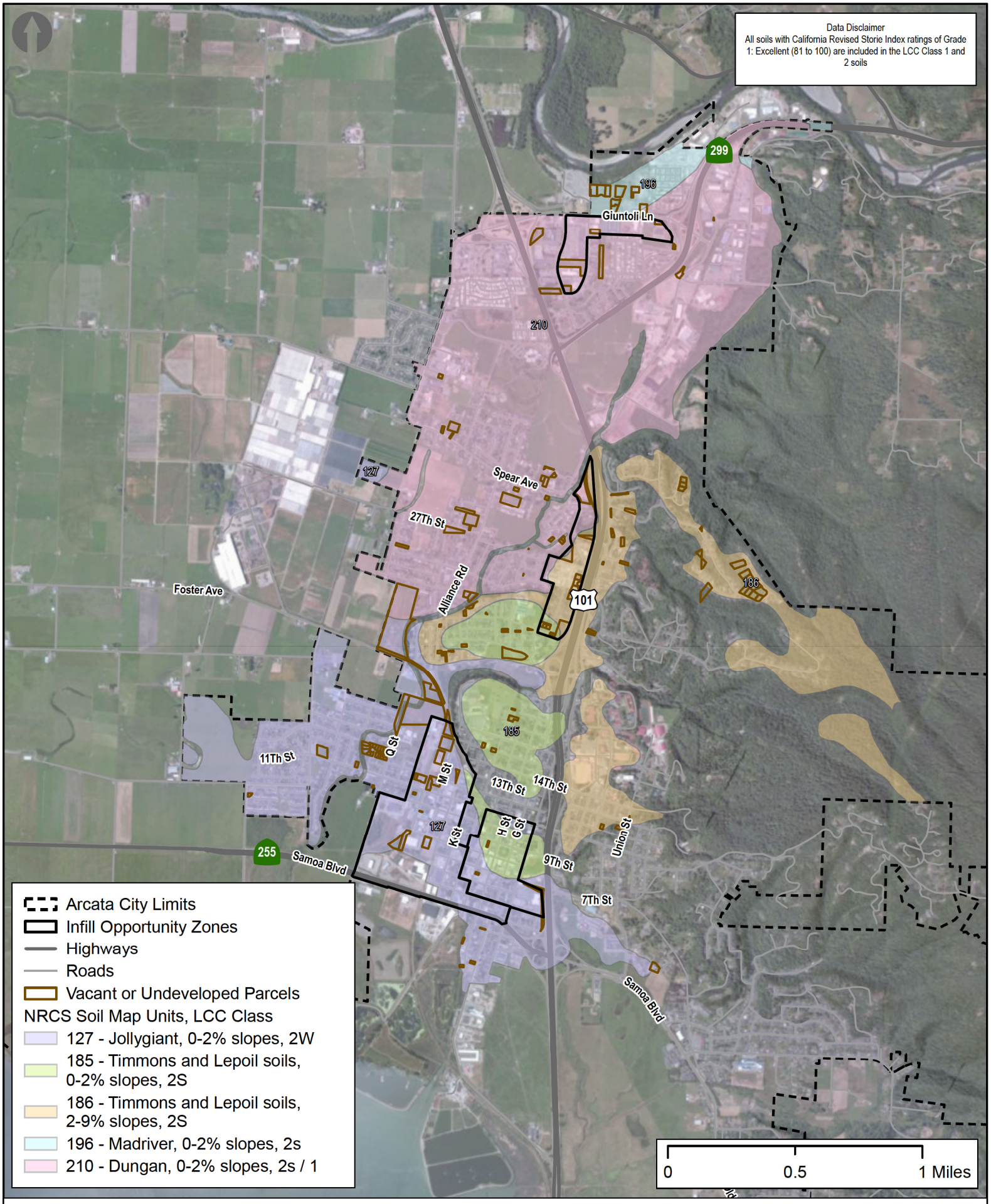

Figure 5.2-1: Prime Agricultural Lands within City Limits

Created by GHD
Map Date: 8/25/2023

Source: Esri, NASA, NGA, USGS, FEMA, This work is licensed under the Esri Master License Agreement.View Summary | View Terms of UseExport: This layer is not intended to be used to export tiles for offline. Data Collection and Editing: This layer may be used in various ArcGIS apps to support data collection and editing, with the results used internally or shared with others, as described for these use cases.; Roads: Humboldt County; Proposed Facilities: GHD

5.3 Biological Resources

This section evaluates the potential impacts related to biological resources resulting from adoption and implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the biological setting. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to biological resources, and identifies the significance of impacts.

Of the comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045, there were multiple comments specific to biological resources including consideration of open space, streams, wetlands and wetland protection measures, riparian corridors, buffers for these habitat types, habitat mitigation, sea level rise, conversion of biological resources, impacts to migratory birds specifically from collision with potential buildings and lighting from said buildings in the Gateway Area, and impacts to Environmentally Sensitive Habitat Areas.

5.3.1 Study Area

For impact assessment related to biological resources, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Area). For the purposes of this analysis, a California Natural Diversity Database search was conducted using the City limits and a one-mile buffer to account for the mobility of wildlife and migration of plants over time, as is typical best practice for biological inventories when determining potential presence of species and associated potential impacts.

5.3.2 Setting

Existing Habitat Conditions

The City is situated on a coastal terrace at the north edge of Arcata Bay, the northern basin of Humboldt Bay, which is one of the most ecologically diverse embayments on the Pacific coast. Many of the tide lands surrounding Humboldt Bay were diked and drained in the late 1800s for pasture and remain in agricultural use today. Eastern portions of the City contain redwood forest, an ancient and spectacular plant community unique to the Pacific north coast. West of the City (and outside the study area) lies forested dunes ecosystem recognized as a highly complex ecosystem on the northwest coast of North America. Numerous watercourses meander through the City and empty into Arcata Bay. Freshwater, brackish and saltwater marshes throughout the study area are highly productive, sensitive habitats requiring special protection. See Figure 5.3-1 for an overview of vegetation types within and adjacent to the study area.

Existing Habitat within the Gateway Area

The Gateway Area is predominantly developed with industrial and commercial operations. There are pockets of undeveloped, vegetated open space predominantly located along the western fringe of the Gateway Area (see Figure 5.3-1). It should be noted that the spatial resolution of the land cover classification data shown in Figure 5.3-1 is coarse and should be considered a guide to the land cover types within the study area and not be considered with high precision. For example, the area shown as Annual Grasses and Forbs (purple) along the northwestern portion of the Gateway Area contains a 4.75-acre developed area. Additionally, a wetland is located in the western extent of the Gateway Area (see Figure 5.3-2) and the Jolly Giant Creek riparian corridor and an approximate 4.25-acre patch of annual grasses is located in the northeastern portion of the Gateway Area. The Gateway Area contains no public parks, recreational facilities, or publicly accessible open spaces, other than the Rail-to-Trail project along L Street. Existing habitat consists of grassland, approximately 600 feet of Jolly Giant Creek and its riparian corridor, the wetland which contains a willow canopy, and street trees. The majority of Jolly Giant Creek flows underground.

Existing Habitat within the Remaining Infill Opportunity Zones

The Downtown Area is highly developed. The grassy plaza area is the only vegetated open space area; however, it is highly maintained and not considered to provide high quality habitat for wildlife (see Figure 5.3-1). Craftsman's Mall Area is predominantly developed with housing and industrial uses (mill yard) and contains forested habitat and open grassland north of the mill yard, and a patch of grassland on the southern extent. The Valley West Area is predominantly developed with commercial businesses and contains patches of open grassland and street trees. No contiguous forestland occurs in the Valley West Area. It should be noted that Figure 5.3-1 does not accurately depict the habitat within the Craftsman's Mall and Valley West areas because it incorrectly depicts vegetated polygons which are actually developed. No wetlands occur in the Downtown, Craftsman's Mall or Valley West Areas (see Figure 5.3-2).

Aquatic Resources

The study area contains freshwater wetlands, salt marsh, tidally influenced slough channels, creeks and a segment of the Mad River. Wetlands predominantly consist of palustrine wetlands, which includes all nontidal wetlands dominated by trees, shrubs, emergent herbaceous plants, or emergent mosses or lichens, where salinity is less than 0.5 parts per thousand. As shown on Figure 5.3-2, the study area is dominated by palustrine emergent wetlands which include wetlands that contain rooted herbaceous plants as the tallest life form with at least 30% areal coverage, and to a lesser degree includes palustrine scrub shrub which are wetland that contain woody plants less than 20 feet tall that are the dominant life form (with at least 30% areal coverage), and palustrine forested wetlands which contain trees greater than 20 feet as the dominant life form with at least 30% areal coverage (FGDC 2013). The jurisdiction of aquatic resources - whether it is regulated by the U.S. Army Corps of Engineers and/or the Regional Water Quality Control Board under the Clean Water Act or Porter Cologne Act - depends on whether aquatic resources meet the definition of a Water of the U.S. or Water of the State which is described in Section 5.3.3 below. In general, most aquatic resources are considered Waters of the State, however a relatively permanent surface-level hydrologic connection is required for an aquatic resource to be considered a Water of the U.S. Most wetlands are located in the southern and western extents of the study area. Salt marsh habitat is considered an estuarine system which consists of deepwater tidal habitats and adjacent tidal wetlands that are usually semi-enclosed by land but have open, partial connectivity to the ocean, or in this case Humboldt Bay. Salt marsh is concentrated along the bayfront portion of the study area.

The following river, creeks, sloughs, and associated riparian habitat are located within the study area: Mad River, Jacoby Creek, Beith Creek, Grotzman Creek, Campbell Creek, Jolly Giant Creek, Janes Creek, Gannon Slough, Butchery Slough, and McDaniel Slough.

Sensitive Natural Communities and Environmentally Sensitive Habitat Areas

Sensitive Natural Communities are vegetation types (or natural communities) that are ranked either 1 through 3 by NatureServe's Heritage Methodology in terms of global and state rarity. Global rarity ranking appears as "G1, G2, G3, G4 or G5", and state rarity ranking appears as "S1, S2, S3, S4 or S5". Natural Communities with ranks of S1 through S3 are considered Sensitive Natural Communities to be addressed in the environmental review process. Environmentally Sensitive Habitat Areas (ESHA) is a term used in the Coastal Zone and it is often times synonymous with Sensitive Natural Communities. Riparian habitat is considered ESHA.

Special-Status Plant Species

The California Native Plant Society Inventory for Rare Plants was consulted for a list of rare plants that could potentially occur in the study area. The California Natural Diversity Database was also consulted for vegetation communities that may occur within the study area. See Table 5.3-1 - Potential for Special Status Species to Occur within the Study Area, for a summary of special status plants evaluated in this section which includes federally, or state threatened, endangered or candidate species, or species with a rare ranking of 1 or 2 by the California Native Plant Society. See Figure 5.3-3 for an overview of special status plants within the study area and a one-mile buffer.

Wildlife and Avian Resources

The U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website was consulted for a list of federally listed species and critical habitat that might be present within the study area. Additionally, the California Natural Diversity Database list of special status species was reviewed for species that may potentially occur in the study area. The study area contains habitat suitable for special status species, including federally and state listed species. See Table 5.3-1 for a summary of special status wildlife species that may occur in the study area which includes federally, or state threatened, endangered or candidate species, or species considered a “Species of Special Concern” by California Department of Fish and Wildlife (CDFW). See Figure 5.3-3 for an overview of special status wildlife species within the study area and a one-mile buffer.

Table 5.3-1 Potential for Special-status Species to Occur within the Study Area

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
Mammals			
Sonoma Tree Vole (*Arborimus pomo)*	CDFW Species of Special Concern	Nests high in the canopy in wet, old-growth forests.	Low Potential. Suitable habitat is absent from the study area.
Fisher (*Pekania pennanti)*	Federal Proposed Threatened, CA Threatened, CDFW Species of Special Concern	Late-successional coniferous or mixed forests. Key habitat components include relatively large diameter trees, high canopy closure, large trees (hardwood and conifer) with cavities, and large down wood.	Low Potential. Suitable habitat is absent from the study area.
Pacific Marten (*Martes caurina*); Coastal DPS	Federal Threatened;	Found in north coast coniferous forests; uses cavities, snags, logs and rocky areas for cover and denning. Needs large areas of mature, dense forest.	No Potential. Suitable habitat is absent from within and adjacent to the study area.
Townsend's Big-eared Bat (*Corynorhinus townsendii)*	CDFW Species of Special Concern	Uses caves, mines, and isolated buildings (e.g., barns) for day and night roosting, maternity roosting, and hibernacula. Occasionally uses hollow trees and bridges for day or night roosting.	Moderate Potential. Habitat is present in the study area via vegetation and structures.
Birds			
Marbled Murrelet (*Brachyramphus marmoratus*)	Federal Threatened; CA Endangered	Found along coast from Eureka to Oregon border and from Half Moon Bay to Santa Cruz. Nests in old growth redwood-dominated forests up to six miles from the ocean. Often found in Douglas-fir. Crepuscular species.	Low Potential. Suitable habitat is absent from the study area.
Mountain Plover (*Charadrius montanus)*	CDFW Species of Special Concern	Breeds on open plains at moderate elevations. Winters in short-grass plains and fields, plowed fields, and sandy deserts. Usually not found near bodies of water or even wet soil.	Low Potential. Suitable habitat is absent from the study area.
Western Snowy Plover (*Charadrius nivosus nivosus)*	Threatened	Breeds on coastal beaches. Generally breeding occurs above the high tide line on coastal beaches, sand spits, dune-backed beaches, sparsely vegetated dunes, beaches at creek and river mouths, and salt pans at lagoons and estuaries.	Low Potential. Habitat is absent from the study area. This species observed in sandy beaches within a few miles of the study area.
Yellow Rail (*Coturnicops noveboracensis)*	CDFW Species of Special Concern	Breeding birds typically inhabit fresh and brackish-water marshes, preferring the higher (drier) margins. Summers in the eastern Sierra Nevada.	High Potential. Suitable habitat is present within the study area.
Yellow-billed Cuckoo (*Coccyzus americanus*)	Federal Threatened; CA Endangered	Found in riparian forests, particularly dense willow mixed with cottonwoods with lower story of blackberry, nettles or wild grape.	Moderate Potential. Suitable habitat is present within the study area; however, this species is extremely rare.

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
White-tailed Kite (*Elanus leucurus)*	CDFW Fully Protected	Common in savannas, open woodlands, marshes, desert grasslands, partially cleared lands, and cultivated fields.	High Potential. Habitat is present within the study area and this species has been observed within the study area.
American Peregrine Falcon (*Falco peregrinus anatum)*	CDFW Fully Protected	Breeds in open landscapes with cliffs (or skyscrapers) for nest sites.	Moderate Potential. Open landscapes are present within the study area, however suitable cliffs are absent or marginal.
Bald Eagle (*Haliaeetus leucocephalus*)	Federal De-listed; CA Endangered; CDFW Fully Protected	Ocean shore, lake margins, and rivers for both nesting and wintering. Most nests within one mile of water.	High Potential. Habitat is present within the study area and this species has been observed within the study area.
Bryant's Savannah Sparrow (*Passerculus sandwichensis alaudinus)*	CDFW Species of Special Concern	Inhabit grasslands with few trees, including meadows, pastures, grassy roadsides, sedge wetlands, and cultivated fields planted with cover crops like alfalfa. Near oceans, they also inhabit tidal saltmarshes and estuaries.	High Potential. Suitable habitat is present within the study area.
Northern Spotted Owl (*Strix occidentalis caurina*)	Federal Threatened; CA Threatened	Found in old-growth north coast coniferous forest, or in mixed stands of old-growth and mature trees. Occasionally found in younger forests with patches of big trees.	Moderate Potential. Suitable habitat is marginally present within the study area (and the community forest is being managed to promote NSO habitat via the City's Habitat Retention Agreement), however may exist adjacent to the study area.
Fish			
Tidewater Goby (*Eucyclogobius newberryi)*	Federal Endangered; CDFW Species of Special Concern	Inhabits lagoons formed by streams running into the sea.	High Potential. Suitable habitat is present within the study area.
Green Sturgeon (*Acipenser medirostris)*	Federal Threatened; CDFW Species of Special Concern	Found in riverine, estuarine, and marine habitats along the west coast of North America, spending substantial portions of their lives in marine waters.	Moderate Potential. Suitable habitat is marginally present within the study area (Mad River).
Longfin Smelt (*Spirinchus thaleichthys)*	Federal Candidate: CA Threatened	Found in bays, estuaries, and nearshore coastal areas, and migrate into freshwater rivers to spawn.	High Potential. Suitable habitat is present within the study area.
Eulachon (*Thaleichthys pacificus)*	Federal Threatened	Found near the bottom of the continental shelf, usually at depths of 20-200m. Spawning occurs within tidal influence of river mouth.	High Potential. Suitable habitat is present within the study area.

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
Coho Salmon (*Oncorhynchus kisutch); Southern Oregon/Northern California ESU*	Federal Threatened; CA Threatened	Spawning occurs in small streams with stable gravel substrates. The remainder of the life cycle is spent foraging in estuarine and marine waters of the Pacific Ocean.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Steelhead Trout (*Oncorhynchus mykiss irideus pop. 48); Northern California DPS summer-run*	Federal Threatened; CA Endangered	Spawn in fast-flowing, gravel-bottomed, well-oxygenated rivers and streams.	High Potential. Suitable habitat is present within the study area.
Steelhead Trout (*Oncorhynchus mykiss irideus pop. 49); Northern California DPS winter-run*	Federal Threatened	Spawn in fast-flowing, gravel-bottomed, well-oxygenated rivers and streams.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Chinook Salmon (*Oncorhynchus tshawytscha)*	Federal Threatened	Juveniles may spend 3 months to 2 years in freshwater before migrating to estuarine areas and then into the ocean to feed and mature. They prefer streams that are deeper and larger than those used by other Pacific salmon species.	High Potential. Suitable habitat is present within the study area.
Coastal Cutthroat Trout (*Oncorhynchus clarkii clarkii)*	CDFW Species of Special Concern	Inhabit a large range along the Pacific coast. They prefer estuaries, lagoons, and small, low-gradient coastal streams.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Pacific Lamprey (*Entosphenus tridentatus)*	CDFW Species of Special Concern	Typically found in stream and river reaches that have relatively stable flow conditions. Spawning occurs in medium-sized rivers and smaller tributary streams, and ammocoetes typically found in slackwater areas with soft substrate. Anadromous species.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Western Brook Lamprey (*Lampetra richardsoni*)	CDFW Species of Special Concern	Typically found in stream and river reaches that have relatively stable flow conditions. Spawning occurs in medium-sized rivers and smaller tributary streams, and ammocoetes typically found in slackwater areas with soft substrate.	High Potential. Suitable habitat is present within the study area.
Reptiles			
Western Pond Turtle (*Emys marmorata)*	CDFW Species of Special Concern	Inhabits calm and quiet ponds, marshes, and pools.	High Potential. Suitable habitat is present within the study area.
Amphibians			
Pacific Tailed Frog (*Ascaphus truei)*	CDFW Species of Special Concern	Inhabits cold, fast-moving streams with cobblestone bottoms.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
Foothill Yellow-legged Frog (*Rana boylii); North Coast DPS*	CDFW Species of Special Concern	Typically inhabits rocky streams and rivers with rocky substrate and open, sunny banks, in forests, chaparral, and woodlands.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Northern Red-legged Frog (*Rana aurora)*	CDFW Species of Special Concern	Typically found in woods adjacent to streams. Found in humid forests, woodlands, grasslands, and streamsides with plant cover. Breeding habitat is in permanent water sources (lakes, ponds, streams, etc.).	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Southern Torrent Salamander (*Rhyacotriton variegatus)*	CDFW Species of Special Concern	Found in shallow, cold, clear, well-shaded streams, waterfalls and seepages, particularly those running through talus and under rocks all year, in mature old-growth forests.	High Potential. Suitable habitat is present within the study area. This species has been observed in the study area.
Insects			
Crotch Bumble Bee (*Bombus crotchii*)	CA Candidate	Inhabits grasslands and shrublands and requires a hotter and drier environment than other bumble bees (Los Padres Forest Watch 2023). Occurs in coastal California east to the Sierra-Cascade crest. Food plant genera include *Antirrhinum*, *Phacelia*, *Clarkia*, *Dendromecon*, *Eschscholzia*, and *Eriogonum*.	Low Potential. Suitable climate (hot and dry) does not typically occur within the study area.
Western Bumble Bee (*Bombus occidentalis*)	CA Candidate	Once widespread across the Pacific northwest, Rocky Mountains and western plains. Theories of their decline due to disease from commercial bee rearing. Species occurs in a variety of climates. They are now largely confined to high-elevation sites and areas east of the Cascade crest (ODFW 2023), and presumably east of the Sierra Nevada crest.	Low Potential. Suitable habitat (high elevation sites) not present in the study area. Species extremely rare.
Monarch Butterfly (*Danaus plexippus*)	Federal Candidate	Utilizes milkweed as the sole host plant for the Monarch Butterfly caterpillar. Can be found in closed-cone coniferous forest. Winter roosts located along California coast from Mendocino to Baja, in wind-protected tree groves.	High Potential. Species may be present if milkweed is present. Many pollinator gardens exist within the study area which contain milkweed.
Plants			
western lily (*Lilium occidentale)*	Federal Endangered; CA Endangered	Grows at the edges of sphagnum bogs and in forest or thicket openings along the margins of ephemeral ponds and small channels. It also grows in coastal prairie and scrub near the ocean where fog is common.	High Potential. Suitable habitat is present within the study area.
minute pocket moss (*Fissidens pauperculus*)	CA Rare Plant Rank 1B.2	Grows on damp soil along the coast. In dry streambeds and on stream banks in north coast coniferous forests. 30-1025 m.	High Potential. Suitable habitat is present within the study area.

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
cylindrical trichodon (*Trichodon cylindricus*)	CA Rare Plant Rank 2B.2	Grows in openings on sandy or clay soils on roadsides, stream banks, trails or in field in broadleaf upland forests, coniferous forests, meadows and seeps. 35-2005 m.	High Potential. Suitable habitat is present within the study area.
pink sand-verbena (*Abronia umbellata var. breviflora*)	CA Rare Plant Rank 1B.2	Grows in dune systems, usually in the foredunes and interdunes with sparse cover. This species is usually closest to the ocean. 0-75 m.	No Potential. Suitable habitat does not occur within the study area.
seaside bittercress (*Cardamine angulata*)	CA Rare Plant Rank 2B.1	Grows in wet areas, streambanks, in north coast coniferous forests. 5-515 m.	High Potential. Suitable habitat is present within the study area.
Humboldt Bay owl's-clover (*Castilleja ambigua var. humboldtiensis*)	CA Rare Plant Rank 1B.2	Grows in coastal salt marsh. 0-20 m.	High Potential. Suitable habitat is present within the study area.
Point Reyes salty bird's-beak (*Chloropyron maritimum ssp. palustre*)	CA Rare Plant Rank 1B.2	Grows in coastal salt marsh. 0-115 m.	High Potential. Suitable habitat is present within the study area.
seaside pea (*Lathyrus japonicus*)	CA Rare Plant Rank 2B.1	Grows in coastal dunes. 3-65 m.	No Potential. Suitable habitat does not occur within the study area.
ghost-pipe (*Monotropa uniflora*)	CA Rare Plant Rank 2B.2	Broadleafed upland forest; north coast coniferous forest. Often grows under redwoods or western hemlock. 15-855 m.	High Potential. Suitable habitat is present within the study area.
Howell's montia (*Montia howellii*)	CA Rare Plant Rank 2B.2	Grows in meadows and seeps, north coast coniferous forests, and vernally wet sites often on compacted soil. 10-1,215 m.	High Potential. Suitable habitat is present within the study area.
wolf's evening-primrose (*Oenothera wolfii*)	CA Rare Plant Rank 1B.1	Grows in coastal bluff scrub, coastal dunes, coastal prairie and lower montane coniferous forest usually in sandy substrates, and at mesic sites. 0-125 m.	Moderate Potential. Marginal habitat is present within the study area, however higher quality habitat is available outside of the study area.
Siskiyou checkerbloom (*Sidalcea malviflora ssp. patula*)	CA Rare Plant Rank 1B.2	Grows in coastal bluff scrub, coastal prairie, north coast coniferous forest, and open coastal forests. Usually found in roadcuts. 5-1,255 m.	High Potential. Suitable habitat is present within the study area.
coast checkerbloom (*Sidalcea oregana ssp. eximia*)	CA Rare Plant Rank 1B.2	Grows in meadows and seeps in north coast coniferous forests. Often found near meadows in gravelly soil. 5-1,805 m.	High Potential. Suitable habitat is present within the study area.
western sand-spurrey (*Spergularia canadensis var. occidentalis*)	CA Rare Plant Rank 2B.1	Grows in coastal salt marsh. 0-3 m.	High Potential. Suitable habitat is present within the study area.

Species	Status	Habitat Requirements[1]	Potential to Occur within Study Area
alpine marsh violet (*Viola palustris*)	CA Rare Plant Rank 2B.2	Grows in swampy, shrubby places within coastal scrub or coastal bogs. 0-150 m.	High Potential. Suitable habitat is present within the study area.
northern clustered sedge (*Carex arcta*)	CA Rare Plant Rank 2B.2	Grows in bogs and fens in north coast coniferous forests, usually at mesic sites. 60-1,405 m.	High Potential. Suitable habitat is present within the study area.
Lyngbye's sedge (*Carex lyngbyei*)	CA Rare Plant Rank 2B.2	Grows in marshes and swamps (brackish and freshwater). 0-200 m.	High Potential. Suitable habitat is present within the study area.
northern meadow sedge (*Carex praticola*)	CA Rare Plant Rank 2B.2	Grows in moist to wet meadows. 15-3,200 m.	High Potential. Suitable habitat is present within the study area.

Notes:

[1]: Habitat descriptions soured from the California Natural Diversity Database (CDFW 2023) unless otherwise noted.

California Rare Plant Ranks (CRPR):

- 1A = CRPR List 1A: Plants presumed extinct in California
- 1B = CRPR List 1B: Plants rare, threatened or endangered in California and elsewhere
- 2 = CRPR List 2: Plants rare, threatened or endangered in California, but more common elsewhere.

Potential to Occur:

No Potential Habitat on and adjacent to the Project Area is clearly unsuitable for the species requirements (cover, substrate, elevation, hydrology, plant community, site history, disturbance regime).

Low Potential Few of the habitat components meeting the species requirements are present, and/or the majority of habitat on and adjacent to the Project Area is unsuitable or of very poor quality. The species is not likely to be found in the Project Area.

Moderate Potential Some of the habitat components meeting the species requirements are present, and/or only some of the habitat on or adjacent to the Project Area is unsuitable. The species has a moderate probability of being found in the Project Area.

High Potential All of the habitat components meeting the species requirements are present and/or most of the habitat on or adjacent to the Project Area is highly suitable. The species has a high probability of being found in the Project Area.

Table compiled from CDFW California Natural Diversity Database, U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) Species List, and the Rare Plant Inventory Database from California Native Plant Society searches of the Arcata North and Arcata South USGS 7.5 Minute Quadrangles (CDFW 2023, USFWS 2023, CNPS 2023). Potential to occur is determined based on habitat availability and nearest known documented records.

5.3.3 Regulatory Framework

Many sensitive biological resources in California, including species, habitats, and aquatic resources, are protected and/or regulated by federal, state, and local laws and policies. Those applicable to the General Plan 2045 are summarized below.

Federal

Clean Water Act Section 404

The Clean Water Act (1977, as amended) establishes the basic structure for regulating discharges of pollutants into Waters of the U.S. It gives the U.S. Environmental Protection Agency (EPA) the authority to implement pollution control programs, including setting wastewater standards for industry and water quality standards for contaminants in surface waters. The Clean Water Act makes it unlawful for any person to discharge any pollutant from a point source into navigable waters, without a permit under its provisions.

Proposed discharges of dredged or fill material into Waters of the U.S. require U.S. Army Corps of Engineers (USACE) authorization under Section 404 of the Clean Water Act [33 U.S.C. 1344]. Regulations implementing Clean Water Act Section 404 define “Waters of the U.S.” to include intrastate waters (such as, lakes, rivers, streams, wetlands, and natural ponds) that the use, degradation, or destruction of could affect interstate or foreign commerce. Wetlands are defined for regulatory purposes as “areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions” (33 Code of Federal Regulations [CFR] 328.3; 40 CFR 230.3). Projects are reviewed by USACE under standard (i.e., individual) or general (i.e., nationwide, programmatic, or regional) permits. The type of permit process used to consider a project is determined by the USACE and based on project parameters.

Clean Water Act Section 401

In California, the State Water Resources Control Board (SWRCB) and nine Regional Water Quality Control Boards (RWQCBs) review projects for compliance with State and Federal water quality standards under Section 401 of the Clean Water Act. In Humboldt County, the North Coast RWQCB (NCRWQCB) is responsible for certifying that a federally permitted project meets state water quality objectives (§401 Clean Water Act, and Title 23 CCR 3830, et seq.) before the permit is issued. Activities in areas that are outside of the jurisdiction of the USACE (e.g., isolated wetlands, vernal pools, or stream banks above the ordinary high water mark) are regulated by the nine RWQCBs, under the authority of the Porter-Cologne Act, and may require the issuance of either individual or general waste discharge requirements (see below). As required the City would submit permit registration documents (notice of intent, risk assessment, site maps, SWPPP, annual fee, and certifications) to the SWRCB. The SWPPP would address pollutant sources, best management practices, and other requirements specified in the Order. The SWPPP would include erosion and sediment control measures, and dust control practices to prevent wind erosion, sediment tracking, and dust generation by construction equipment. A Qualified SWPPP Practitioner would oversee implementation of the Project SWPPP, including visual inspections, sampling and analysis, and ensuring overall compliance.

Executive Order 11990

Executive Order 11990 (1977) furthers the protection of wetlands through avoidance of long and short-term adverse impacts associated with the destruction or modification of wetlands where practicable. The order requires all federal agencies managing federal lands, sponsoring federal projects, or funding state or local projects to assess the effects of their actions on wetlands. The agencies are required to follow avoidance, mitigation, and preservation procedures. The Presidential Wetland Policy of 1993 and subsequent reaffirmation of the policy in 1995 supports protection and restoration of wetlands, while advocating for increased fairness of federal regulatory programs.

Executive Order 13112, Invasive Species

Executive Order 13112 was issued in 1999 to enhance federal coordination and response to the complex and accelerating problem of invasive species. It provides policy direction to promote coordinated efforts of federal, state, and local agencies in monitoring, detecting, preventing, evaluating, managing, and controlling the spread of invasive species and increasing the effectiveness of scientific research and public outreach affecting the spread and impacts of invasive species.

Federal Endangered Species Act

The Endangered Species Act (ESA) of 1973 (16 USC 1531 *et seq*.) establishes a national policy that all federal departments and agencies provide for the conservation of threatened and endangered species and their habitats. The Secretary of the Interior and the Secretary of Commerce are designated in the ESA as responsible for: (1) maintaining a list of species likely to become endangered within the foreseeable future throughout all or a significant portion of its range (threatened) and that are currently in danger of extinction throughout all or a significant portion of its range (endangered); (2) carrying out programs for the conservation of these species; and (3) rendering opinions regarding the impact of proposed federal actions on listed species. The ESA also outlines what constitutes unlawful taking, importation, sale, and possession of listed species and specifies civil and criminal penalties for unlawful activities.

Pursuant to the requirements of the ESA, an agency reviewing a project within its jurisdiction must determine whether any Federally listed or proposed species may be present in the project region, and whether the proposed project would result in "take" of such species. The ESA prohibits "take" of a single threatened and endangered fish or wildlife species except under certain circumstances and only with authorization from USFWS or NOAA Fisheries through a permit under Section 7 (for federal entities or federal actions) or 10(a) (for non-federal entities) of the Act. "Take" under the ESA includes activities such as "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct." USFWS regulations define harm to include "significant habitat modification or degradation." On June 29, 1995, a U.S. Supreme Court ruling further defined harm to include habitat modification "…where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering." Of note, federally listed plants are not protected from take, although it is illegal to collect or maliciously harm them on Federal land.

In addition, an agency reviewing a project is required to determine whether the project is likely to jeopardize the continued existence of any species proposed to be listed under the ESA or result in the destruction or adverse modification of critical habitat for such species (16 USC 1536[3][4]). Critical Habitat is defined by the ESA as a specific geographic area containing features essential for the conservation of an endangered or threatened species. Under Section 7 of the ESA, critical habitat should be evaluated if designated for Federally listed species that may be present in the project vicinity and/or potentially impacted by the Project.

Coastal Zone Management Act

The Coastal Zone Management Act was passed in 1972 and established a national policy and national program for the management, beneficial use, protection, and development of land and water resources of the nation's coastal zones. The voluntary national program was meant to encourage coastal states to develop and implement coastal zone management plans. The California Coastal Act (further described below) is the foundation of the California Coastal Management Program which is California's coastal zone management plan. The Coastal Zone Management Act requires that federal development activities and development requiring federal permits or funding affecting land or water areas or resources within the coastal zone are consistent with the provisions of the act and approved coastal zone management plans. In California, outside of San Francisco Bay, the California Coastal Management Program is implemented and enforced by the California Coastal Commission.

Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) of 1918 (16 USC 703-711) as amended established federal responsibilities for the protection of nearly all species of birds, their eggs, and nests. A migratory bird is defined as any species

or family of birds that live, reproduce, or migrate within or across international borders at some point during their annual life cycle. The MBTA prohibits the take, possession, buying, selling, purchasing, or bartering of any migratory bird listed in 50 CFR Part 10, including feathers or other parts, nests, eggs, or products, except as allowed by implementing regulations (50 CFR 21). Only exotic species such as Rock Pigeons (*Columba livia*), House Sparrows (*Passer domesticus*), and European Starlings (*Sturnus vulgaris*) are exempt from protection.

Bald and Golden Eagle Protection Act

The Bald and Golden Eagle Protection Act (BGEPA) was originally enacted in 1940 in order to protect the national emblem of the United States, the Bald Eagle. At that time, the Bald Eagle was experiencing significant population pressures from hunting, egg collection, and habitat loss (Buehler 2000). This act was expanded in 1962 to include protections for the Golden Eagle (*Aquila chrysaetos*), which was also experiencing precipitous population declines due to habitat loss, hunting, and electrocution from power lines (Kochert et al. 2002).

The current federal statute as amended (16 U.S.C. 668-668d) includes criminal penalties for anyone, including individuals, associations, partnerships, and corporations who “take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or in any manner any bald eagle commonly known as the American eagle or any golden eagle, alive or dead, or any part, nest, or egg thereof” without a permit (16 U.S.C. § 668a).

A BGEPA take permit may be required if a proposed activity is near an active or inactive eagle nest, roosting site, or foraging site. This is particularly true if the project is near breeding habitat (as opposed to wintering habitat or migratory stop-over sites). The act applies to all activities that may impact eagles, including projects without a federal nexus. If there is a possibility that the project could “non-purposefully take” eagles (unavoidable take associated with, but not the purpose of an activity) the USFWS may issue a programmatic take permit. In this case, the permit would be subject to conditions or mitigation measures to minimize impacts. Post-construction monitoring and annual reports may also be required (50 CFR 22.26).

Humboldt Bay National Wildlife Refuge Complex Comprehensive Conservation Plan

The Humboldt Bay National Wildlife Refuge Complex includes Humboldt Bay National Wildlife Refuge and Castle Rock National Wildlife Refuge. The Humboldt Bay National Wildlife Refuge is located in the vicinity of Eureka and Arcata with refuge units distributed around Humboldt Bay. One of the units, the Jacoby Creek Unit, is partially within City limits and is located west of Highway 101 approximately between the Bayside Cutoff and Arcata Marsh. The U.S. Fish and Wildlife Service prepared a Comprehensive Conservation Plan to guide management of fish, wildlife, plants, other natural resources, and visitor uses on the Humboldt Bay NWR Complex between 2009 and 2024.

State

California Environmental Quality Act

Rare or endangered plant or wildlife species are defined in the CEQA Guidelines Section 15380. Endangered means that survival and reproduction in the wild are in immediate jeopardy. Rare means that a species is either presently threatened with extinction or that it is likely to become endangered within the foreseeable future. A species of animal or plant shall be presumed to be rare or endangered if it is listed in 14 California Administrative Code 670.2 or 670.5, or 50 CFR 17.11 or 17.12 pursuant to the ESA as threatened or endangered.

California Coastal Act

The California Coastal Act (California Public Resources Code [PRC] Sections 30000 et seq) was enacted by the State Legislature in 1976 to provide long-term protection of California’s 1,100-mile (1,770 kilometers) coastline for the benefit of current and future generations. California Coastal Act policies constitute the standards used by the California Coastal Commission in its coastal development permit decisions and for the review of local coastal programs prepared by local governments and submitted to the California Coastal Commission for approval.

These policies are also used by the California Coastal Commission to review federal activities that affect the coastal zone (see Coastal Zone Management Act above). Among other things, the policies require:

– Protection and expansion of public access to the shoreline;
– Protection, enhancement and restoration of environmentally sensitive habitats;
– Protection of productive agricultural lands, commercial fisheries and archaeological resources; and
– Protection of the scenic beauty of coastal landscapes and seascapes;

The California Coastal Act defines an "environmentally sensitive habitat area" (ESHA) as an "area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which could be easily disturbed or degraded by human activities and developments" (Section 30107.5). Three important elements define an ESHA:

1. A geographic area can be designated ESHA because of the presence of individual species of plants or animals or because of the presence of a particular habitat;
2. In order for an area to be designated as ESHA, the species or habitat must be either rare or it must be especially valuable; and,
3. The area must be easily disturbed or degraded by human activities.

Section 30240 states in part that:

– ESHA shall be protected against significant disruption of habitat values, and only uses dependent on such resources shall be allowed within such areas.
– Development in areas adjacent to ESHA and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade those areas and shall be compatible with the continuance of those habitat and recreation areas.

While there is not a specific list of habitats considered to be ESHA for the state or county, the California Coastal Commission through the California Coastal Act and counties or municipalities through local coastal programs are the jurisdictional agencies that exert authority in identifying and protecting ESHA during project review and permitting. In order for the California Coastal Commission to determine if areas are to be classified as ESHA's, they often refer to CDFW's list of statewide Sensitive Natural Communities. Sensitive Natural Communities are defined by California Natural Diversity Database as those with a State ranking of 1, 2 or 3 (S1, S2, or S3). The California Coastal Commission generally considers Sensitive Natural Communities to be ESHAs. Thus, the Sensitive Natural Communities discussed in Impact BIO-b would also likely be considered ESHA under the California Coastal Act.

Additional Coastal Act policies relevant to the proposed Project include:

Section 30231

The biological productivity and the quality of coastal waters, streams, wetlands, estuaries, and lakes appropriate to maintain optimum populations of marine organisms and for the protection of human health shall be maintained, and where feasible, restored through, among other means, minimizing adverse effects of wastewater discharges and entrainment, controlling runoff, preventing depletion of ground water supplies and substantial interference with surface water flow, encouraging wastewater reclamation, maintaining natural vegetation buffer areas that protect riparian habitats, and minimizing alteration of natural streams.

Section 30233

(a) The diking, filling, or dredging of open coastal waters, wetlands, estuaries, and lakes shall be permitted in accordance with other applicable provisions of this division, where there is no feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the following:

(1) *New or expanded port, energy, and coastal-dependent industrial facilities, including commercial fishing facilities.*

(2) *Maintaining existing, or restoring previously dredged, depths in existing navigational channels, turning basins, vessel berthing and mooring areas, and boat launching ramps.*

(3) *In wetland areas only, entrance channels for new or expanded boating facilities; and in a degraded wetland, identified by the Department of Fish and Game pursuant to subdivision (b) of Section 30411, for boating facilities if, in conjunction with such boating facilities, a substantial portion of the degraded wetland is restored and maintained as a biologically productive wetland; provided, however, that in no event shall the size of the wetland area used for such boating facility, including berthing space, turning basins, necessary navigation channels, and any necessary support service facilities, be greater than 25 percent of the total wetland area to be restored.*

(4) *In open coastal waters, other than wetlands, including streams, estuaries, and lakes, new or expanded boating facilities.*

(5) *Incidental public service purposes, including, but not limited to, burying cables and pipes or inspection of piers and maintenance of existing intake and outfall lines.*

(6) *Mineral extraction, including sand for restoring beaches, except in environmentally sensitive areas.*

(7) *Restoration purposes.*

(8) *Nature study, aquaculture, or similar resource-dependent activities.*

Section 30607.1

Where any dike and fill development is permitted in wetlands in conformity with this division, mitigation measures shall include, at a minimum, either acquisition of equivalent areas of equal or greater biological productivity or opening up equivalent areas to tidal action; provided, however, that if no appropriate restoration site is available, an in-lieu fee sufficient to provide an area of equivalent productive value or surface areas shall be dedicated to an appropriate public agency, or such replacement site shall be dedicated to an appropriate public agency, or such replacement site shall be purchased before the dike or fill development may proceed. Such mitigation measure shall not be required for temporary or short-term fill or diking: provided, that a bond or other evidence of financial responsibility is provided to assure that restoration will be accomplished in the shortest feasible time.

Porter-Cologne Water Quality Control Act

The Porter-Cologne Water Quality Control Act (Porter Cologne) was passed in 1969 and assigns overall authority for water rights and water quality protection to the SWRCB and directs the nine RWQCBs to develop and enforce water quality standards within their boundaries. Through Porter-Cologne, the RWQCBs are responsible for regulating any activity, including waste discharges, that would, or that have the potential to, impair the beneficial uses of water bodies.

The SWRCB utilizes waste discharge requirements to regulate activities that may affect waters of the state or that may discharge water in a diffuse matter. As described above, any federally sponsored or permitted activity that may result in a discharge to a water body must be certified under Clean Water Act Section 401 that the proposed activity would comply with state water quality standards. In practice, a Clean Water Act Section 401 Water Quality Certification incorporates a “General Waste Discharge Requirement for Dredge and Fill Discharges”, so a project specific waste discharge requirement is not typically required. A waste discharge requirement is, however, required when a Clean Water Act Section 401 Water Quality Certification is not, or if the project is particularly complex.

In the Project Area, the NCRWQCB regulates construction in Waters of the U.S. and Waters of the State, including activities in wetlands, under both the Clean Water Act and Porter Cologne (California Water Code, Division 7).

Executive Order W-59-93, State Wetland Conservation Policy

The California Wetlands Conservation Policy (Executive Order W-59-93) establishes a primary objective to "ensure no overall net loss…of wetlands acreage and values in California." The RWQCBs implement this policy and the Basin Plan Wetland Fill Policy, both of which require mitigation for wetland impacts.

California Endangered Species Act

The California Endangered Species Act (CESA) includes provisions for the protection and management of species listed by the State of California as endangered, threatened, or designated as candidates for such listing (California Fish and Game Code (FGC) Sections 2050 through 2085). The CESA generally parallels the main provisions of the ESA and is administered by CDFW, which maintains a list of state threatened and endangered species as well as candidate species. The CESA requires consultation "to ensure that any action authorized by a state lead agency is not likely to jeopardize the continued existence of any endangered or threatened species or result in the destruction or adverse modification of habitat essential to the continued existence of the species" (Section 2053). California plants and animals declared to be endangered or threatened are listed in 14 California Code of Regulations (CCR) 670.2 and 14 CCR 670.5, respectively. The State prohibits the incidental take of species listed pursuant to CESA or candidate species unless that take is permitted by CDFW. Under CESA, "take" is defined as to "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." It does not include protection of habitat unless alteration or removal of habitat would result in direct "take" (as defined above) of an individual animal.

California Fish and Game Code (FGC) - Birds of Prey and Native Nesting Birds

Section 3503 of the FGC prohibits the take, possession, or needless destruction of the nest or eggs of any bird. Subsection 3503.5 specifically prohibits the take, possession, or destruction of any birds in the orders Falconiformes (hawks and eagles) or Strigiformes (owls) and their eggs or nests. These provisions, along with the federal MBTA, essentially serve to protect nesting native birds. Non-native species, including the European Starling, Rock Dove, and House Sparrow, are not afforded protection under the MBTA or FGC.

California FGC - Fully Protected Species

The CDFW enforces the FGC, which provides protection for "fully protected birds" (Section 3511), "fully protected mammals" (Section 4700), "fully protected reptiles and amphibians" (Section 5050), and "fully protected fish" (Section 5515). As fully protected species, the CDFW cannot authorize any project or action that would result in "take" of these species even with an incidental take permit.

Species of Special Concern

The CDFW maintains a list of Species of Special Concern. A Species of Special Concern is a species, subspecies, or distinct population of an animal native to California that currently satisfies one or more of the following (not necessarily mutually exclusive) criteria:

– is extirpated from the State or, in the case of birds, is extirpated in its primary season or breeding role;
– is listed as Federally-, but not State-, threatened or endangered; meets the State definition of threatened or endangered but has not formally been listed;
– is experiencing, or formerly experienced, serious (noncyclical) population declines or range retractions (not reversed) that, if continued or resumed, could qualify it for State threatened or endangered status; or
– has naturally small populations exhibiting high susceptibility to risk from any factor(s), that if realized, could lead to declines that would qualify it for State threatened or endangered status.

Species of Special Concern are species that are declining in California, and if current population and habitat trends continue could warrant listing pursuant to CESA or the ESA. Species of Special Concern receive consideration under CEQA.

Native Plant Protection Act

The CDFW administers the California Native Plant Protection Act (Sections 1900–1913 of the FGC). These sections allow the California Fish and Game Commission to designate rare and endangered plant species and to notify landowners of the presence of such species. Section 1907 of the FGC allows the Commission to regulate the "taking, possession, propagation, transportation, exportation, importation, or sale of any endangered or rare native plants." Section 1908 further directs that "[n]o person shall import into this state, or take, possess, or sell within this state, except as incident to the possession or sale of the real property on which the plant is growing, any native plant, or any part or product thereof, that the Commission determines to be an endangered native plant or rare native plant."

Sensitive Natural Communities

The Manual of California Vegetation Online, describes California vegetation types, also known as "natural communities," and categorizes them into a hierarchical structure of alliances and associations. CDFW's California Natural Diversity Database evaluates the rarity and threats to these natural communities and ranks them into set categories, known as a state ranking. Alliances and associations with a California Natural Diversity Database State ("S") ranking of S1 through S3 are defined as Sensitive Natural Communities and impacts to them should be assessed during CEQA project review. State ranking includes the following:

– S1 = Critically Imperiled – Critically imperiled in the state because of extreme rarity (often five or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state.
– S2 = Imperiled – Imperiled in the state because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the state.
– S3 = Vulnerable – Vulnerable in the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
– S4 = Apparently Secure – Uncommon but not rare; some cause for long-term concern due to declines or other factors.
– S5 = Secure – Common, widespread, and abundant in the state.

California Invasive Plant Council

The California Invasive Plant Council (Cal-IPC) keeps an inventory categorizing plants that threaten California's natural areas. The inventory includes invasive plants that currently cause environmental damage or economic harm in California as well as a "Watch List" of plants that are a high risk of becoming invasive in the future. The inventory represents the best available knowledge of invasive plant experts in California. Categorization is based on an assessment of ecological impacts, conducted with transparent science-based criteria and expert review. The inventory has no regulatory authority, rather is intended to be utilized as a management resource. The categorization or ratings of Cal-IPC plants are in accordance with the following:

– **High** – These species have severe ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal and establishment. Most are widely distributed ecologically. European beachgrass and dense-flowered cordgrass are Cal-IPC rated as High.
– **Moderate** – These species have substantial and apparent-but generally not severe-ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal, though establishment is generally dependent upon ecological disturbance. Ecological amplitude and distribution may range from limited to widespread.

- **Limited** – These species are invasive, but their ecological impacts are minor on a statewide level or there was not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness. Ecological amplitude and distribution are generally limited, but these species may be locally persistent and problematic.
- **Alert** – An Alert is listed on species with High or Moderate impacts that have limited distribution in California but may have the potential to spread much further.
- **Watch** – These species have been assessed as posing a high risk of becoming invasive in the future in California.

Public Trust Lands

The State Lands Commission (SLC) has jurisdiction and management authority over all public trust lands, including ungranted tidelands, submerged lands, and the beds of navigable lakes and waterways. All tidelands and submerged lands, granted or ungranted, as well as navigable lakes and waterways, are subject to the protections of the common law Public Trust Doctrine which requires they be managed for the benefit of the public consistent with the provisions of Public trust (e.g., commerce, navigation, fisheries, recreation). Review by the SLC and issuance of a new, or amendment of an existing surface lease may be required for a project under SLC jurisdiction. No lands within the Project Area are under the jurisdiction of the SLC, and therefore no lease or permit from the SLC is warranted.

Local

City of Arcata General Plan 2020

The General Plan 2020 addresses biological resources within the Open Space Element, and Resource Conservation and Management Element. The following policies from the General Plan 2020 were used to analyze the difference in existing versus proposed policies in the General Plan 2045.

Policy OS-1: Overall Open Space System

Objective: Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together in a network wherever practical for accessibility, managed for resource production and maintained for enjoyment by City residents and visitors.

Applicable sub-policies:

- ***OS-1a: Designation of open space lands with native biotic resources and ecosystems**. The native biotic resources of the forested western slopes of Fickle Hill, river and creek riparian zones, the Arcata and Aldergrove Marshes, and Arcata Bay tidelands and sloughs are unique ecosystems that have important habitat values in addition to their other open space values. These areas as designated on Map OS-a shall be protected as open space for their resource values.*
- ***OS-1b: Open Space Plan Map**. The areas designated as open space are shown on Figure OS-a. Generally, these lands are designated as A-E, NR, or PF on the land use map. Other lands, where identified open space resources have been preserved through easements or other means, are also subject to this element's policies.*
- ***OS-1c: Relationship to Resource Conservation and Management and Public Safety Elements**. This element identifies hazard areas that shall be maintained as open space for the benefit of the community. The policies of this element and policies found in the Public Safety Element provide common direction for the designation and avoidance of hazard areas. The natural open space features of these areas, such as vegetation, shall be retained, except where they contribute to instability or increase hazards.*

- ***OS-1d: Linkages between open space areas****. Linkage of open space lands, especially along biological corridors and greenways, is important for animal migration, nonmotorized vehicle transportation, and community recreation, and shall be encouraged. Trails along levees or adjacent to railroad tracks and street rights-of-way can serve as links to parks, open space, and natural areas. Easements shall also be considered as a lower cost alternative to preserving links between open space.*
- ***OS-1e: Appropriate uses and development limitations within open space lands****. Certain open space areas contain wetlands and other critical habitat and must be preserved in a natural condition and enhanced. Other areas can accommodate managed activities such as mining and timber harvesting, subject to sustainable yield policies RC-6 and RC-8 in the Resource Conservation & Management Element, while other areas shall be designated for interpretive and recreational use. Each designated open space area of the City shall be evaluated by the appropriate City advisory board (e.g., Creeks & Wetlands Committee) to determine the resources present, the acceptable level of use, and appropriate preservation. The management of, and development in, open space areas are subject to applicable policies of the Resource Conservation and Management and Land Use Elements.*
- ***OS-1f: Designation of lands with scenic, aesthetic, historic, and cultural value****. The City has scenic routes, including State Route 101 and Samoa Boulevard; vistas, including the forested slopes of Fickle Hill and the Arcata Bottoms; and areas of historic and cultural value, such as the Plaza. The open and natural characteristics of these areas shall be maintained. Policies for retaining scenic vistas and landscape features are included in the Community Design Element of the General Plan.*
- ***OS-1g: Public and private ownership and management of open space.*** *Open space resource areas are owned and managed by the City, state agencies, land trusts, corporations, and private individuals. The City shall set the standard for responsible resource land stewardship through its management of the Community Forest, marshes, parks, and other resource lands, and encourage other public and private entities, entrusted with the ownership and management of similar resource areas, to consider natural resource values to the community in all long-term use decisions.*
- ***OS-1h: Greenbelt.*** *Preserving greenbelts of agricultural and other open space lands is an effective method of defining urban development limits. The City shall encourage the County to preserve agricultural designations in the City's Planning Area. The City also supports greenbelt preservation through land and conservation easement acquisition.*

  These measures will help preserve visual and associative links to nature and reinforce the distinction between the City and adjacent communities.
- ***OS-1i: Acquisition of open space areas.*** *There are several privately held land parcels, including forested property on the west slopes of Fickle Hill, which would contribute significantly to the City's open space system. The City shall pursue acquisition of these parcels, from willing sellers, for their open space values. Joint funding for land acquisition will be coordinated with County, regional and state agencies.*

Policy OS-2: Natural Resources Protection and Enhancement

Objective: *Designate, maintain, and enhance natural resource areas, including sensitive habitat areas, necessary to sustain plant and animal life and native biological diversity.*

Applicable sub-policies:

- ***OS-2a: Open space plan map designations for natural resource protection.*** *Publicly held lands containing creeks, wetlands, other open water, marsh, sensitive habitat, forests, and other important natural resources are designated on the Open Space Map.*
- *OS-2b: Development limitations and management for maintenance of biotic resources and diversity, including aquatic resources and sensitive habitats – Creeks marshes, and wetlands are significant components of Arcata's natural open space system. The City shall restore and maintain this system for the benefit of residents, visitors, fish, and wildlife.*

The Arcata Bay and tidelands represent an important natural edge and open space feature of the City. Buildings, landform alterations, or access routes in this area shall be of a design and scale that preservers open space and natural characteristics and maintains public views to the Bay.

Local creeks which flow openly through the developed portion of the community shall have biological corridors and greenways established and shall be maintained as visual assets to any developments which adjoin them.

The natural features of the Mad River corridor, Arcata's creeks and adjacent areas, marshes, and other wetland areas, shall be retained.

Unique vegetation and wildlife areas shall remain in a natural condition. Such areas include sand dunes and backdune woodlands, eel grass area, salt marshes, and special habitats (tern and osprey nesting areas, cormorant rookery, harbor seal area and egret roost). The policies of this element shall also call for protection for habitat of species that become threatened in the future.

Policy OS-3: Open Space for Managed Production of Resources

Objective: *Designate and conserve resource areas, including forest and agricultural lands, fisheries and aquaculture, groundwater, and mineral resources, for their sustainable, long-term productive capabilities.*

Applicable sub-policies:

- ***OS-3a: Designations for forest, agriculture, fisheries, aquaculture, groundwater, and mineral resource uses and management.*** *All publicly held lands, and some privately held lands adjacent to the Community Forest and east of Aldergrove Industrial Park, actively managed for production of forest, fisheries, aquaculture and mineral resources are designated as Natural Resource [NR] on the General Plan Land Use Element map. Productive agricultural lands are designated on the Open Space Map.*
- ***OS-3b: Development limitations and management for productive resource areas.*** *The policies of the Resource Conservation and Management Element shall be followed for the development and management of productive resource lands. This includes policies for: Natural Biological Diversity; Streams Management; Wetlands Management; Baylands and Tidelands; Agricultural and Forest Resources; and Water, Energy, Soils and Mineral Resources. The City shall require that management of open space resources be consistent with these and other applicable General Plan policies.*

Policy OS-4: Open Space for Outdoor Recreation and Coastal Access

Objective: *Designate and secure public access to a sufficient supply of land and water areas with recreation resource value, including parks, forests, coastal areas, baylands, and stream corridors, to meet the outdoor recreation needs of Arcata residents and visitors*

Applicable sub-policies:

- ***OS-4a: Designations for park lands and outdoor recreation areas.*** *All publicly held park lands and outdoor recreation areas are designated as Public Facility [PF] on the General Plan Land Use Element map. The natural resources present on these lands are also subject to the applicable policies of the Resource Conservation & Management Element. Recreation areas are mapped on Figure OS-a.*
- ***OS-4b: Coastal access policy.*** *The City shall maintain coastal access corridors to Arcata Bay and other public use areas and public trust lands within the coastal zone.*

  Coastal Access routes include:

  1. *Access from Samoa Boulevard to Arcata Bay via South "I" and "G" Streets*
  2. *Access to Mad River Beach via Mad River Road*
  3. *Access to Manila Dunes via Samoa Boulevard*

- ***OS-4c: Relationship to the Parks and Recreation Element.*** *This element contains policies for management of open space lands designated for outdoor recreation. The Parks and Recreation Element contains goals and policy direction for: providing a of recreation opportunities; sharing facilities; park and recreation program efficiency; environmental compatibility; and user safety.*

Policy OS-5: Open Space in Health and Safety Hazard Areas

Objective: *Designate health and safety hazard areas such as seismic fault and liquefaction zones, unstable soils or slopes, floodplains, areas susceptible to wildland fire, and watershed/reservoir safety zones. Provide appropriate protections, or restrictions, to minimize unnecessary exposure of people and property to health and safety hazards.*

Applicable sub-policies:

- ***OS-5a: Designation of open space for public safety.*** *Designated open space for public safety is shown on Figure OS-a. Setbacks for seismic faults and liquefaction zones, unstable soils or steep slopes, mapped Flood Hazard Zone A, areas susceptible to wildland fire, and watershed/reservoir safety zones, shall be established as part of the development review process. Where severe safety considerations exist (e.g., within the Alquist-Priolo Zone), open space easements shall be granted to the City to protect people and property from health and safety hazards.*

  Open space areas, with slopes 15% or greater shall retain their natural landform features; excavation shall be restricted, according to the City's adopted grading ordinance, and removal of vegetation shall be limited to selected thinning of timber stands and removal of hazard trees.

  Open Space areas that are flood-prone may be used for agricultural and recreational purposes but shall be kept free from urban development. A flood plain overlay zone shall be applied to all Natural Resource [NR] and Agricultural [AE] areas subject to inundation according to the Flood Insurance Rate Map Hazard Boundary Map) developed by the Federal Emergency Management Agency (FEMA) or the Federal Insurance Administration.

- ***OS-5b: Development limitations and management for health and safety hazard areas.*** *The policies of the Public Safety Element shall be followed for all development activity in areas with known or suspected safety hazards. In particular, seismic hazards, other geologic hazards, and flood hazards policy topics are applicable.*

Policy RC-1: Natural Biological Diversity/Ecosystem Function

Objective: *Set an overarching policy that emphasizes the overall value of biological diversity and the fact that all natural resources are optimized when they function as part of a healthy ecosystem.*

Applicable sub-policies:

- ***RC-1a: Maintain biological and ecological integrity.*** *Maintaining ecological balance, system function, biological integrity, and natural diversity is the primary focus of the Resource Conservation and Management Element. Protecting ecological functions of natural habitats, and natural drainage and infiltration processes, will enhance natural ecosystems in the Planning Area. Ecological system functions elements and processes are maintained through the following measures:*

  1. *The structure and composition of ecological systems within the City shall contain the same native plant and animal species, in the same relative abundances and proportions, which are found in the least-disturbed natural ecosystems in the Planning Area.*
  2. *The ecological functions performed by ecological systems in the City shall resemble the functions of the least-disturbed natural ecosystems in the Planning Area.*
  3. *Ecological systems and natural processes are not disrupted by exotic organisms to a significant degree.*
  4. *Ecological systems and natural processes are not to be disrupted by land use activities to a significant degree (e.g., a culvert or other drainage device that blocks fish passage).*

An "adaptive management" approach shall be utilized to maintain ecological and biological integrity, including monitoring the status of ecological systems in the City and adjusting City implementation of this Plan, in order to more closely approximate the conditions provided in the Planning Area's least-disturbed natural ecosystems.

- ***RC-1b: Non-native plant and animal species.*** *Some non-native species, such as pampas grass (Cortaderia jubata), Himalaya berry (Rubus discolor), Scotch broom (Cytisus scoparius), blue gum eucalyptus (Eucalyptus globulus), English ivy (Hedera helix), English holly (Ilex aquifolium), and cotoneaster (Cotoneaster franchetii), are invasive exotics that can and do displace native species. The presence of these non-native species reduces the area's natural diversity, biological integrity and aesthetics. Only native species, or species demonstrated to be non-invasive, shall be used in public landscapes and are to be strongly encouraged in private landscapes. The City shall provide public information that explains why invasive species are a problem. The City shall also maintain a program that recommends effective but non-toxic eradication measures and eradicates non-native species on public lands where they are displacing native species.*
- ***RC-1c: Habitat value protection.*** *Environmentally sensitive habitat areas (ESHA) shall be protected against any significant disruption of their habitat values, and only uses dependent on and compatible with maintaining those resources shall be allowed within ESHAs. Proposed development in areas adjacent to ESHAs shall be sited and designed to prevent impacts which would significantly degrade such areas and must be compatible with the continuance of such habitat areas.*
- ***RC-1d: Sensitive habitat definition.*** *The City declares the following to be ESHAs within the Planning Area:*
  1. *Rivers, creeks, sloughs, and associated riparian habitats: Mad River; Jacoby Creek; Beith Creek; Grotzman Creek; Campbell Creek; Jolly Giant Creek; Janes Creek; Gannon Slough; Butcher Slough; and McDaniel Slough.*
  2. *Wetlands, estuaries, and associated riparian habitats: Arcata Bay; Mad River Slough; Liscom Slough; Butcher Slough; the Aldergrove marshes and ponds; and the Arcata Marsh and Wildlife Sanctuary.*
  3. *Other unique habitat areas: waterbird rookeries; shorebird concentration sites; habitat for all rare, threatened, or endangered species on federal or state lists; and vegetated dunes.*
  4. *Public Trust lands such as grazed or farmed wetlands (i.e., diked/reclaimed former tidelands).*
- ***RC-1e: Threshold of City review for sensitive habitat effects.*** *Development on parcels designated Natural Resource [NR] on the Land Use Plan Map, or within 250 feet of such a designation, or development potentially affecting a sensitive habitat area, shall be required to be in conformance with applicable habitat protection policies of this Element. All proposed development plans, including grading and drainage plans, submitted as part of a planning entitlement application for these areas, shall show the precise locations of all sensitive habitat areas on the site plan.*
- ***RC-1f: Sensitive habitat buffer requirement.*** *A setback separating all permitted development from adjacent sensitive habitat areas shall be required. The purpose of such setbacks shall be to prevent any degradation of the ecological functions provided by the habitat area as a result of the development. The following shall apply to such setbacks:*
  1. *The minimum width of setbacks for streams and wetlands shall be as provided in policies RC-2 and RC-3, respectively.*
  2. *The minimum width of all other habitat setbacks shall be 100 feet, unless the designated setback would eliminate all reasonable use of the property.*
  3. *A definition and map of sensitive habitat will be maintained by the City.*
- ***RC-1g: Sensitive habitat information required in development application review****. Where there is a question regarding the boundary, buffer requirements, location, or current status of an ESHA identified pursuant to General Plan policies, the public or private applicant shall provide the City with the following:*

1. *Base map delineating topographic lines, adjacent roads, and location of dikes, levees, flood control channels, and tide gates, as applicable.*
2. *Vegetation map, including identification of species that may indicate the existence or nonexistence of a sensitive environmental habitat area.*
3. *Soils map delineating hydric and non-hydric soils.*
4. *Census of animal species indicating the existence, or non-existence, of an environmentally sensitive habitat area.*

This information shall be provided to the Department of Fish and Game, US Fish and Wildlife Service, National Marine Fisheries Service, and other affected agencies for review and comment. Any comments and recommendations provided by the Department shall be immediately sent to the applicant for his or her response. The decision concerning the boundary, location, or current status of the environmentally sensitive habitat area in question shall be based on the substantial evidence in the record and supported by written findings.

- ***RC-1h: Habitat integration for ecological integrity and development of a protected habitat corridor system.*** *An ecological connection network plan for linking native habitats in the Planning Area, and all of the environmentally sensitive habitat areas identified in this Plan, shall be prepared. The network shall incorporate all existing large areas (or "nodes") of habitat for fish and wildlife species (such as marshes and forests) and "linkages" or "corridors" of natural habitat (such as stream zones and sloughs) for migration and species movement. The plan will link large "nodes" of natural habitat together with the "linkage" connections as a functioning ecological network. Nodes and linkages shall include a "core" of natural ecosystem elements and shall provide a protected "buffer" along the outer margins of the core habitat which shall function to protect the ecological values in the "core" habitat.*
- ***RC-1i: Use of biocides and other compound with biological consequences.*** *Pesticides herbicides and insecticides (biocides); hormones and antibiotics (growth promoters); and hydrocarbon-based compounds, used both commercially and individually, can accumulate to toxic levels in biological organisms, including humans. Certain of these substances, even at low levels, can affect reproductive health.*

  The City shall maintain and make available a current list of alternative, environmentally-safe products for controlling unwanted vegetation and pests, growing crops and enhancing production of animal products. The use of substances and compounds which can accumulate to toxic levels is restricted by the City (Pesticide Ordinance), and a program for fostering the reduction in private use shall be developed and implemented.

Policy RC-2: Streams Conservation and Management

Objective: *Enhance, maintain, and restore the biological integrity of entire steamcourses (headwaters to mouth), and their associated riparian habitats, as natural features in the City's landscape.*

Applicable sub-policies:

- ***RC-2a: Designation of protected streams****. The provisions of this policy shall apply to those streams shown on the Protected Watercourse Map (Figure RC-a). These watercourses and their associated riparian areas serve as habitat for fish and wildlife, provide space for the flow of stormwater runoff and flood waters, and furnish open space and recreational areas for city residents.*
- ***RC-2b: Environmental Buffer Area (EBA).*** *A streamside protection area is hereby established along both sides of the streams identified on the City Watercourse Map. The purpose of the EBA is to remain in a natural state in order to protect streams' ecosystems and their associated riparian habitat areas. The EBA shall include:*

  1. *In areas where existing development, as defined in the Land Use Code, is adjacent to the stream,*

the EBA shall be not less than 25 feet outward on both sides of the stream, measured from the top of bank.

2. *In all other locations within the City, the EBA shall not be less than 100 feet outward on both sides of the stream, measured from the top of bank.*
3. *In locations within the City having significant areas of riparian vegetation exceeding 100 feet in width measured from the top of bank, the EBA shall be expanded to encompass all of the riparian vegetation, except in no case shall the EBA exceed 250 feet in width from the top of bank on either side of the stream.*

EBAs outside of the City shall follow the policies in the Humboldt County Framework Plan, regarding Streamside Management Areas.

- ***RC-2c: Allowable uses and activities in Environmental Buffer Areas.*** *The following compatible land uses and activities may be permitted in EBAs, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements:*

  1. *Outside the Coastal Zone:*
     a. *Agricultural operations compatible with maintenance of riparian resources;*
     b. *Fencing along property boundaries and along EBA setback boundaries to prevent bank erosion and degradation of natural riparian vegetation by livestock;*
     c. *Maintenance of existing roads, driveways, and structures;*
     d. *Construction of public road crossings;*
     e. *Forest management practices as permitted by the State of California or Arcata's Forest Management Plan;*
     f. *Construction and maintenance of foot trails for public access;*
     g. *Construction and maintenance of utility lines;*
     h. *Resource restoration projects;*
     i. *Emergency or preventive removal of sediment and vegetation for flood control purposes (only when authorized by the City of Arcata).*
  2. *In the Coastal Zone*
     a. *All uses and activities listed in (1) above;*
     b. *Public coastal access improvements;*
     c. *Boat launching facilities.*
  3. *If the provisions herein would result in any legal parcel, not on Public Trust lands, created prior to the date of this plan, being made unusable in its entirety for any purpose allowed by the land-use plan, exceptions to the foregoing may be made to allow a reasonable economic use of the parcel, subject to approval of a conditional use permit. Any land use, construction, grading, or removal of vegetation which is not listed above shall be prohibited.*

- ***RC-2d: The Wetland and Stream Protection Combining (WSP) Zone.*** *The WSP zone of the Land Use and Development Code shall be applied to all streamside protection areas. [The WSP zone should be a land use designation under the NR district, e.g., NR-WSP, NR-AG, NR-TPZ.]*
- ***RC-2e: Review and approval of projects affecting streamside protection areas.*** *Applications for development on any parcel which is located partially or wholly within an SPA shall be subject to the requirements of Policy RC-1 and RC-2.*
- ***RC-2f: Conservation easement.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the EBA shall be required as a condition of approval of any discretionary planning permit, including design review, when any portion of the project site falls within*

an EBA. Such easements may be conveyed to the City of Arcata, to another governmental agency which shall manage the easement to protect the EBA's functions, or to an appropriate non-profit entity.

- ***RC-2g: Maintenance of streams as natural drainage systems.*** *Arcata's creeks carry a significant amount of the City's stormwater. Drainage controls shall be enforced through implementation of the Drainage Master Plan, to protect water quality, and minimize erosion, sedimentation and flood impacts to City creeks. A comprehensive stream maintenance program shall be prepared to augment stormwater utility rehabilitation projects designed to improve flow capacity, minimize channel erosion, and enhance riparian habitat.*
- ***RC-2h: Restoration of degraded creek resources.*** *Portions of Janes, Jolly Giant, Campbell, and Grotzman Creeks are culverted or covered, causing degradation of creek resources. Streams such as Janes Creek have tide gates which are barriers that prevent anadromous salmonids from accessing critical habitat. Furthermore, recreational use has degraded riparian vegetation along upland reaches of certain creeks (e.g., Jolly Giant, Campbell, and Jacoby Creeks) within Redwood Park and the Community Forest. Lack of vegetation along creek courses can cause erosion, resulting in water and airborne impacts. Restoration activities for improving degraded stream resources shall include:*

  1. *Uncovering of creek courses in public rights-of-way, as part of public works improvement projects.*
  2. *Encouraging landowners to restore degraded EBA and stream resources, including native riparian vegetation establishment and exotic species removal, as part of a new development or renovation.*
  3. *Controlling uses that are damaging to upland reaches of creeks in the Community Forest and Redwood Park.*
  4. *Removing or modifying barriers such as tide gates that prevent migrating anadromous salmonids which are federally listed endangered species from reaching their critical habitat.*
  5. *Exclusionary fencing to keep livestock out of the EBA.*

     The Streams Management Plan shall be implemented to provide guidance for rehabilitation and management of creeks that flow through Arcata. The SMP addresses new and modified development along creeks, and existing activities in creek zones. Stream rehabilitation projects shall be designed to maintain or improve flow capacity, trap sediments and other pollutants which decrease water quality, minimize channel erosion, prevent new sources of pollutants from entering the stream, and enhance instream and riparian habitat.

Policy RC-3: Wetlands Management

Objective: *To protect existing wetlands areas and their functional capacities and values, maintain a standard of "no net loss" in area and value, restore degraded wetland areas, enhance wetlands functions, and create additional wetland areas to replace historical losses.*

Applicable sub-policies:

- ***RC-3a: Requirement for wetland delineation and study.*** *All proposed development applications shall include a site plan that shows the precise location of any wetlands that exist on the subject property. Any application for development on a parcel where wetlands may be present shall include a wetland reconnaissance or delineation report as follows:*

  1. *The reconnaissance or wetlands delineation and report shall be based upon field investigations and shall be prepared by a professional or technical expert qualified in wetlands biology or plant ecology.*
  2. *For purposes of this plan, wetlands shall include coastal zone lands where one or more of the following three characteristics are present or non-coastal zoned lands where two or more of the following three characteristics are present:*

     d. *Source of water (surface or subsurface) which is present for sufficient periods to promote hydric soils formation or growth of hydrophytic plant species;*

     e. *Hydric soils; or*

f. Hydrophytic plants.

3. Where a reconnaissance indicates the probable existence of wetlands, marsh reeds detailed wetland delineation shall be required, including a map with the best available contour information showing where each of the three factors are present and the precise boundaries of any areas which are determined to be wetlands.

4. If wetlands of any size are found to exist on the property, an analysis of the potential functional or habitat value of the wetlands shall be provided.

- ***RC-3b: Filling of wetlands.*** *The following shall apply:*

1. Filling of wetlands shall be prohibited in the Coastal Zone, unless it can be demonstrated that:

a. The wetland restrictions, if imposed would render a parcel, not subject to the Public Trust, unusable for any use permitted by the land use plan;

b. There is no feasible, environmentally superior alternative to wetland fill for development of a permitted use; and

c. The fill is the least amount necessary to allow development of permitted uses.

2. Filling of wetlands outside the Coastal Zone may be permitted only when the following has been demonstrated by the project proponent:

a. The fill is the least amount necessary to allow a reasonable and harmonious configuration of development on the parcel;

b. The wetlands proposed to be filled are small and isolated, and have limited functional value when compared to larger, contiguous wetland areas.

3. Filling of wetlands shall only be authorized if appropriate mitigation, resulting in "non net loss" in area and value of wetlands is provided. Mitigation may consist of creating and maintaining a new wetland of equal or greater functional capacity and value than the wetland proposed to be filled, restoration of previously degraded wetlands, or enhancement of existing wetland areas.

- ***RC-3c: Designation of Environmental Buffer Areas (EBA).*** *An EBA shall be established to separate all permitted development from adjacent existing wetlands which are to be preserved in a natural state and new wetland areas which are created as a mitigation. The EBA's purpose is to remain in a natural state in order to protect wetland ecosystems and their associated habitat areas from destruction or degradation. The extent of the EBA shall be established based upon analyses and recommendations contained in a site-specific wetland delineation study but shall include the wetland area and a setback area which shall generally range from a 50-foot minimum to a 100-foot maximum. Specific findings, based on evidence provided for City review, shall be required for setbacks less than 100 feet.*

- ***RC-3d: Allowable uses and activities in Environmental Buffer Areas.*** *The following compatible land uses and activities may be permitted in EBAs, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements:*

1. Resource restoration or enhancement projects.

2. Farming, consistent with policy RC-3l.

3. Outdoor recreation activities, such as bird watching, hiking, boating, horseback riding, and similar activities.

4. Education, scientific research, and use of nature trails.

5. Drainage ditches when compatible with wetland function.

6. Minor modification of existing, serviceable structures.

7. Fencing to prevent livestock from degrading wetlands and riparian vegetation.

Any use, construction, grading, or removal of vegetation which is not listed above shall be prohibited.

- ***RC-3e: Wetland and Stream Protection Combining (WSP) Zone.*** *The WSP zone of the City's Land Use Code shall be applied to all Wetland Protection Areas.*

- ***RC-3f: Review and approval of projects affecting Environmental Buffer Areas.*** *Applications for development on any parcel which is located partially or wholly within an EBA shall be subject to the requirements of Policy RC-1 and RC-3.*
- ***RC-3g: Conservation easements.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the EBA shall be required as a condition of approval of any discretionary action, including design review, when any portion of the project site falls within an EBA. Such easements may be conveyed to the City of Arcata, another governmental agency, or City-approved non-profit entity which shall manage the easement to protect the EBA's functions.*
- ***RC-3h: Designation of wetland protection zones.*** *The WSP Zone shall be applied to wetlands, wetland setbacks, wetland buffer areas and modified wetland buffer areas, as defined in the City's Land Use Code, at the time of development review and approval.*

  A wetlands map, maintained by the City, will show the general location of wetlands, riparian corridors, and uplands within the City limits and urban services zone. All development within or adjacent to the areas identified on the map as wetlands or riparian corridors shall comply with City Wetlands Development Standards and shall include the following:

  1. *A wetland delineation.*
  2. *A mitigation plan for impacted areas.*
  3. *Setback areas from delineated wetlands.*
  4. *Easements for onsite delineated wetlands.*
  5. *Permitted and protected uses/activities within delineated wetland areas.*
  6. *Fencing to prevent livestock from degrading wetlands and riparian vegetation.*

  A Wetlands Buffer Area shall be required to protect the areas shown as wetlands on the Wetlands Map. All development within the buffer areas shall comply with the Wetlands Buffer Area Development Standards of the Coastal Land Use and Development Guide.
- ***RC-3i: Management of Arcata Marsh for wetlands values as well as wastewater treatment.*** *The marsh and wildlife sanctuary serves a variety of purposes and functions, including providing wetland habitat for a variety of species, wastewater treatment, and recreational use. These purposes shall be balanced for the benefit of all users.*
- ***RC-3j: Minimum mitigation requirements for wetland impacts.*** *Diking or filling a wetland that is otherwise in accordance with the policies of this General Plan, shall, at a minimum, require the following mitigation measures, monitoring program, and funding.*

  1. *A detailed restoration plan, monitoring program, and funding source for each site shall be required as part of the project application. The restoration plan shall include provisions for restoration to equal or greater wetland biological productivity. The monitoring program shall include reporting requirements that document mitigation success. Dedication of the land to a public agency, purchase, or other stewardship method which permanently restricts the use of the site to habitat and open space purposes, shall be required. The site shall be dedicated, purchased, or other stewardship agreed upon, and mitigation funding shall be provided, prior to any permitted diking or filling.*
  2. *Areas adequate to maintain functional capacity shall be opened to tidal action, or other sources of surface water shall be provided. This provision shall apply to diked or filled areas which themselves are not environmentally sensitive habitat areas, but would become so if, as part of a restoration program, they are opened to tidal action or provided with other sources of surface water. All of the provisions for restoration, purchase (if necessary), and dedication described under part 1 shall apply to any program or activity performed pursuant to this policy.*
  3. *Mitigation shall, to the maximum extent feasible, be of the same type as the wetland to be filled (e.g., freshwater marsh for freshwater marsh, saltwater marsh for saltwater marsh, etc.).*
  4. *Where no suitable private or public restoration or enhancement sites are available, or where a wetlands mitigation bank in Arcata's Planning Area has been established that provides suitable*

replacement area, an in-lieu fee may be required to be paid. The fees shall be paid to an appropriate public agency for use in the restoration or enhancement of an area of equivalent productive value or surface area, or to the entity managing the wetlands mitigation bank.

- ***RC-3k: Wetland functional capacity maintenance requirement**. Diking, filling, or dredging of a wetland or estuary shall maintain or enhance the functional capacity of these resources. Functional capacity means the ability of the wetland or estuary to be physically and biologically self-sustaining and to maintain natural species diversity. In order to establish that the functional capacity is being maintained, all of the following must be demonstrated:*

  1. *Presently occurring plant and animal populations in the ecosystem will not be altered in a manner that would impair the long-term stability of the ecosystem (i.e., natural species diversity, abundance and composition are essentially unchanged as the result of the project).*
  2. *A species that is rare or endangered will not be significantly adversely affected.*
  3. *Consumptive (e.g., fishing, aquaculture and hunting) or non-consumptive (e.g., water quality and research opportunity) values of the wetland or estuary ecosystem will not be significantly reduced.*

- ***RC-3l: Uses allowed in diked/reclaimed former tidelands**. Allowable uses and development in grazed or farmed wetlands are limited to uses compatible with the Public Trust. These uses are specified in Land Use Element Policy LU-6 and are summarized below.*

  1. *Agricultural operations limited to accessory structures, apiaries, field and truck crops, livestock raising, greenhouses (provided they are not located on slab foundations and crops are grown in the existing soil on site), and orchards.*
  2. *Farm-related structures, including barns, sheds, and farmer-occupied housing, necessary for the performance of agricultural operations. Such structures may be located on an existing grazed or farmed wetland parcel only if no alternative upland location is available for such purpose and the structures are sited and designed to minimize adverse environmental effects on Public Trust resources and uses. No more than one primary and one secondary residential unit shall be allowed per parcel.*
  3. *Restoration projects.*
  4. *Nature study, aquaculture, and similar resource-dependent activities compatible with Public Trust resources and uses.*
  5. *Incidental public service purposes which may temporarily impact the resources of the area (such as burying cables or pipes).*

     Expanding farming operations into non-farmed wetlands, by diking or otherwise altering the functional capacity of the wetland is not permitted. Farm-related structures (including barns, sheds, and farm-owner occupied housing) necessary for the continuance of the existing operation of the farmed wetlands may be located on an existing farmed wetland parcel, only if no alternative upland location is viable for such purpose and the structures are sited and designed to minimize the adverse environmental effects on the farmed wetland. Clustering and other construction techniques to minimize both the land area covered by such structures and the amount of fill necessary to protect such structures will be required.

Policy RC-4: Open Waters of Arcata Bay & Tidelands

***Objective**: Maintain existing Bay wetlands and tide lands, protect them from urban and agricultural encroachments, or degradation, and manage the open waters of Arcata Bay for their wildlife, fisheries, navigation and ecological values and recreation and tourism uses.*

- ***RC-4a: Protection of open waters/tideland areas of Arcata Bay.** The tidal and water areas of Arcata Bay constitute a fragile Public Trust resource and access shall be controlled to avoid resource degradation, while maintaining the public's right to navigation. Tidal marshes shall be enhanced and maintained, especially in the areas of McDaniel, Gannon, and Butcher's Sloughs, to protect wetland values.*

- ***RC-4b: Access to Arcata Bay.*** *The following routes are designated as Public Access Corridors and are to be properly signed and identified as approved Bay access points.*

  1. *"I" Street from Samoa Boulevard, south through the Arcata Marsh and Wildlife Sanctuary to the boat launching facility on Arcata Bay.*
  2. *South "G" Street south of "H" Street, to Highway 101.*
  3. *Highway 101 from Samoa Boulevard (Highway 255), south to Bayside Cutoff.*
  4. *Samoa Boulevard from Highway 101 west to Mad River Slough.*

  A system of foot trails and interpretive sites shall be established along the Arcata Bay shore westward to the City limit, subject to the following guidelines.

  1. *All planning and development in the area that is both South of Samoa Boulevard and west of State Route 101 and which is identified as tidelands, former tidelands, wetlands or riparian corridor on the adopted Wetlands Map shall be reviewed by the Creeks & Wetlands Committee and coordinated with California Department of Fish and Game.*
  2. *Development in the area bounded by Butcher's Slough and Gannon Slough should occur in conjunction with management of the National Wildlife Refuge and the Arcata Marsh and Wildlife Sanctuary.*
  3. *Motorized vehicles shall be restricted to paved roads and parking lots.*
  4. *Pedestrians shall be restricted to designated trails and facilities.*
  5. *Valid scientific and educational studies of wetlands and tidelands are encouraged.*

- ***RC-4c: Coastal-dependent and public trust uses of Arcata's tidelands.*** *Tidelands of Arcata Bay support a variety of wildlife as well as human activities. The following provisions shall be made for managing tideland areas.*

  1. *New development shall not restrict access to the shoreline. Access to coastal areas shall be required for new development.*
  2. *Tidelands and water areas of Arcata Bay shall be designated Natural Resource Public Trust Lands [NR-PTL] and identified as passive use recreational areas.*
  3. *The Arcata Marsh and Wildlife Sanctuary shall be designated as Natural Resource [NR] and the recreational component of the project identified as a passive use recreational area.*
  4. *The continued use of the tideland for scientific and educational studies is encouraged.*
  5. *The Arcata Marsh and Wildlife Sanctuary (AMWS) shall be maintained, and new facilities shall be consistent with the AMWS plan adopted by the City Council.*
  6. *The South "I" Street boat launch shall be enhanced and maintained to accommodate small watercraft and windsurfing.*
  7. *The placement of interpretive sites along the Arcata Bay shore, including Nature and Wildlife Centers, shall be coordinated with other agencies, and serve as an educational focal point for Arcata's natural resource areas.*
  8. *Access on the levee from the AMWS westward to the City limit will be provided for passive recreation and nature observation.*

- ***RC-4d: Diking, dredging filling, and shoreline structures.*** *Diking, filling, or dredging of Bay waters, wetlands, and estuaries shall be permitted where it has been demonstrated that the Public Trust resources and values are being protected, and mitigation measures have been provided, which minimize adverse environmental effects, for the following limited uses.*

  1. *Incidental public service purposes including but not limited to, burying cables and pipes, and maintaining existing dikes and public facilities.*
  2. *Maintaining a channel adequate to serve the boat ramp at current levels of use.*
  3. *Resource restoration purposes.*
  4. *Nature study, aquaculture, or similar Public Trust resource dependent activities.*
  5. *Agriculture and currently practiced within existing farmed wetlands but not including the expansion*

thereof.

In order to protect existing development, shoreline structures (such as dikes or tidegates) that may alter the natural shoreline, may be permitted only when they do not effect any federally listed species and no other feasible, less environmentally-damaging alternative is available, and only when not located within a wetland, unless the wetland will be the primary beneficiary of the structure.

The disposal of dredge spoils on existing wetlands shall not be permitted unless such disposal is necessary for either a Public Trust resource restoration project or for the maintenance of existing agricultural operations in farmed wetlands. Fill will be allowed for aquaculture projects if it can be shown that it is necessary for the project, is required to be located within the wetland, and there is no other feasible, less environmentally damaging, alternative.

- ***RC-4e: Aquaculture use of coastal wetlands/tidelands**. To protect aquaculture activities in Arcata Bay, the City shall:*

  1. *Ensure that its wastewater discharge does not aggravate existing coliform loading problems in Arcata Bay.*
  2. *Take measures to reduce coliform loading of perennial streams within its jurisdiction, as part of a stream maintenance program. These measures shall include controlling identified sources of coliform loading such as septic tank leachate and runoff from agricultural operations.*

  Aquaculture shall not adversely impact natural ecological processes nor native wildlife or fisheries or their habitat in the Bay. No new aquaculture uses shall be permitted unless it can be demonstrated that adequate precautions will be taken to prevent new adverse impacts to natural ecological processes. The City shall continue its management of:

  1. *Integrated wetland enhancement and wastewater treatment.*
  2. *The tidelands, for commercial and native oyster harvesting.*

- ***RC-4f: Management of bayfront and marsh areas for coastal access, recreation, and tourism**. Tidelands and water areas of Arcata Bay shall be designated Natural Resource-Public Trust Land [NR-PTL] and protected from uncontrolled access. The following guidelines shall be used when permitting access to these areas:*

  1. *Motorized vehicles shall be restricted to paved roads and parking lots.*
  2. *Pedestrians shall be restricted do designated trails and facilities.*
  3. *Valid scientific and educational studies of the wetlands and tidelands shall be encouraged.*

  New development shall not restrict public access to the shoreline. Public access to the shoreline shall be required of new development. Where consistent with the Humboldt Bay National Wildlife Refuge's Management Plan, controlled public access to the Refuge's Jacoby Creek Unit shall be developed along Arcata Bay from the AMWS to the City's westward limit.

Policy RC-5: Agricultural Resources Management

***Objective.** Protect and enhance agricultural uses on prime agricultural lands within the City and encourage more productive agricultural use of agriculturally suitable lands.*

Applicable sub-policies:

- ***RC-5a: Promotion of and participation in agricultural production within the City.** Diverse and intensive agricultural production and increased participation shall be promoted, in order to maintain the value of agricultural lands, improve the economic base, and increase employment and food production. The City does not, however, advocate more intensive agricultural uses and practices that would have adverse environmental impacts. Agricultural operations, such as Community Supported Agriculture (CSA) are strongly encouraged.*

- ***RC-5b: Agricultural Advisory Committee****. The City shall appoint an Agricultural Advisory Committee to advise on agricultural issues and programs. The responsibilities of the committee shall include, but are not limited to:*
  1. *Development of a Community and Farm Protection Ordinance, as well as conflict resolution protocol.*
  2. *Development of programs (educational, leasing, and purchase) that will encourage responsible productive uses of agricultural lands.*
  3. *Identification of lands for preservation and/or acquisition programs.*
  4. *Maintain a database of resources available to farmers, such as Williamson Act advantages, conservation easements, organic farming practices, and marketing strategies.*
- ***RC-5c: Community and farm protection.*** *Maintaining a compatible relationship between agricultural and residential uses will be based on:*
  1. *Recognizing the rights of owners of productive agricultural land to make agricultural use of their land.*
  2. *Identifying and minimizing potential conflicts between agricultural operations and adjacent residential, commercial, and community facility uses.*
  3. *A Community and Farm Protection Ordinance shall provide a foundation for minimizing conflicts, educating the community, and a protocol for mediating unresolved disputes. Once adopted, the ordinance shall be mailed to all owners of agricultural and adjacent lands and disclosed to affected property owners at the time of parcel transfer.*
- ***RC-5d: Permanent protection for agricultural lands.*** *Protection of agricultural resources shall be secured through the purchase of conservation easements, development rights, and outright acquisition. The City shall work in conjunction with other entities such as land trusts, whenever possible, to preserve agricultural buffers and maintain and enhance agricultural uses on prime agricultural soils.*

Policy RC-6: Forest Resources Management

Objective. *Protect and enhance private and public forest lands (Community and Jacoby Creek) to maintain the integrity of the ecosystem while providing timber production, recreation, and habitat values.*

Applicable sub-policies:

- ***RC-6a: Management of Arcata Community Forest.*** *The City's forest management plan includes the following policies:*
  1. ***Recreation and aesthetic resources management.*** *The community forest will emphasize dispersed, day-use opportunities. Recreational use shall not be allowed to impact other resources such as fish, wildlife, or watershed.*
  2. ***Timber resource management.*** *To ensure the sustainable and long-term production of forest products, the rate of harvesting must not exceed the rate of production. Long-term productivity refers to the continuing ability of the forest to produce timber while retaining the associated values of watershed, wildlife, soils, recreation and aesthetics. This is dependent upon the use of management practices that do not allow for the deterioration or impairment of soil productivity or the alteration of the natural landscape beyond its ability to recover. For planning purposes, long term means that exceeding fifty years.*
  3. ***Watershed resource management.*** *Water quality, soil, riparian, and aquatic biological productivity shall be maintained and enhanced through the application of City forest management standards and the implementation of watershed improvement projects.*
  4. ***Wildlife resource management.*** *Wildlife habitat is managed to promote species diversity and to ensure that populations of indigenous species are maintained. This can best be achieved through the maintenance and enhancement of habitat values. Habitat values which lead to species diversity include the following elements: breeding, foraging, watering, rearing, hiding and thermal*

cover.

5. ***Vegetation and botanical resources.*** *Maintain the native component of species found in the redwood forest, both by controlling exotics and managing for a species mix that would be found naturally in the redwood forest.*

- ***RC-6b: Management of Jacoby Creek Forest.*** *The management policies for the Jacoby Creek Forest are the same as those for the Arcata Community Forest, listed above, except that the Jacoby Creek Forest is not open to recreational use.*
- ***RC-6c: Allocation of forest fund revenues.*** *At least twenty percent of net forest fund revenues, derived from timber cutting, shall be directed towards park acquisition, maintenance, and development. This can include acquisition of stream corridors, and riparian and greenbelt areas. These areas contribute to the diversity of parks and, in the case of linear parks along stream corridors, provide passive recreation areas compatible with the environment. The acquisition of open space shall be emphasized as an appropriate use for the remaining revenues.*
- ***RC-6d: Management practices for private timberlands.*** *The management of private timberlands shall be encouraged to use current principles of sustainable forestry for all aspects of forest use and function: recreation; timber production; biodiversity; air and water quality; and carbon storage. Timber owners are encouraged to apply for conservation easements, certified forestry, or compensation for carbon storage.*
- ***RC-6e: Timber harvest plans.*** *The City, in cooperation with California Department of Forestry, shall request review of all Timber Harvest Plans (THP) within the Planning Area. The City shall review THPs for measures that protect water quality, control erosion and flooding, and preserve the City viewshed. The city shall recommend that THPs which do not include these measures not be approved.*
- ***RC-6f: Urban conversions.*** *The sustainable management of timber resources, and related uses, shall be encouraged, so that the long-term economic return from productive timber production will provide sufficient incentives to prevent urban conversions. Urban conversions are discouraged within the Urban Services Boundary.*
- ***RC-6g: Setbacks.*** *Development adjacent to the Community Forest boundary shall be setback at least 150 feet, unless this would make the use of the parcel infeasible for its designated purpose. However, larger setbacks may be required to prevent exposure to potential hazards and to maintain forest integrity.*
- ***RC-6h: Monitoring.*** *Monitoring of forest practices, to ensure consistency with adopted management and harvest plans, shall be carried out as an implementation measure of this Element. The general objectives of the monitoring will be to:*

  1. *Determine the effectiveness of management practices at multiple scales (i.e., individual sites to watersheds).*
  2. *Validate ecosystem functions and processes have been maintained as predicted.*

Policy D-2: Downtown (Central-commercial) Design

Objective. *Maintain and continue to develop a built environment which accentuates the Plaza and surrounding downtown lands designated in the Commercial-Central use category as the commercial and cultural hub of the city, maintains the historical flavor of building and site design, integrates bicycle and pedestrian facilities, and which incorporates appropriate trees and other "softscape" elements.*

Applicable sub-policies:

- ***D-2d: Street trees****. The City shall encourage the installation of street trees within the downtown area. The City shall develop a comprehensive street tree planting and maintenance program which includes the following components:*

  1. *Identification of streets where trees may be installed.*

2. *Standards for the location of street trees; generally, locations will either be in wells located between on-street parallel parking areas, in cutouts within the sidewalk where the sidewalk is of sufficient width (7 feet or more), or in containers where the preceding locations are not workable.*
3. *Standards for spacing between street trees (usually 20 to 35 feet on center).*
4. *Specification of a list of acceptable tree species and the appropriate streets and locations for each species.*
5. *Standards for size of trees and specifications for their installation (i.g. size of well, staking, materials).*
6. *Identification of responsibilities, procedures, and standards for tree maintenance. Where space is insufficient for street trees, trees may be incorporated into the landscape design on private property adjacent to the street property line.*

Policy D-3: Scenic Routes, Resources, and Landscape Features

Objective. *Identify and protect scenic routes, resources and landscape features. Retain natural features, coastal scenic resources, and scenic vistas as important aesthetic components of the built environment and visual and associative links to nature. Minimize impairment and obstructions of scenic views to the minimum necessary to allow reasonable development.*

Applicable sub-policies:

- ***D-3e: Arcata Bay – Open waters, shoreline, and tidal marshes.*** *Proposed land uses and development shall not significantly alter the natural appearance or landforms of the waters, shoreline, and tidal marshes of Arcata Bay, which are designated in the natural resource land-use category. Where these resources are visually degraded, developments shall be required to restore or enhance their appearance. Development within the area bounded by Samoa Blvd., Butcher's Slough and Gannon Slough shall include local native plant landscaping, screenings and other measures to ensure compatibility with scenic coastal resources and with the educational, recreational, wildlife and other uses of the Humboldt Bay National Wildlife Refuge and the Arcata Marsh and Wildlife Sanctuary.*
- ***D-3i: Preservation of hedgerows (windrows, or rows of trees).*** *Preservation of the following windrows, hedgerows, or groves of trees shall be encouraged:*
  1. *The cypress windrows separating Arcata Heights from the Sunset neighborhood.*
  2. *The trees along the north and western edges (Alliance Road) of the Sunset neighborhood.*
  3. *The trees on the small knoll adjacent to State Route 101 south of Spear Avenue.*
  4. *The windrow of trees adjacent to the west side of the State Route 101 between 7th and 14th Streets.*
  5. *Windrows in the Arcata Bottom.*
  6. *The row of trees along the westerly side of State Route 101 at the State Route 299 interchange.*
  7. *The groves of eucalyptus and other trees which line Bayside Road between Union Street and Crescent Way.*
  8. *The elm trees on J Street between 14th and 16th Streets.*
  9. *Redwood Grove at 7th and Union, and Bayside Road to be left intact.*
- ***D-3j: Streamside riparian areas.*** *Creeks or drainage channels and any associated riparian vegetation shall be retained in a natural state and incorporated into site design as a visual asset to development which adjoin them.*

Policy D-4: Subdivision Design

Objective. *Achieve subdivision design that accommodates orderly growth; assures proper development of land and access to lots; promotes open space retention; ensures adequate circulation, utilities, and services; preserves existing landforms; and retains significant vegetation.*

Applicable sub-policies:

- ***D-4d: Retention of natural features.*** *Design of subdivisions shall be based upon an analysis of the natural conditions and features of the site. To the maximum extent practicable, development shall be located to preserve natural features and avoid areas of environmental sensitivity, including but not limited to: wetlands, significant or mature trees or stands of trees, creekside riparian habitat areas, floodplain areas, and areas with slopes greater than thirty percent. Residential structures, including decks and balconies, shall not extend into significant natural areas.*

Proposed City of Arcata General Plan 2045

The following policies within the proposed General Plan 2045 that regulate agriculture or forest resources include the following:

Policy OS-1: Overall Open Space System

Objective: *Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together wherever practical for habitat connectivity, managed for resource production, and maintained for enjoyment by City residents and visitors.*

Applicable sub-policies:

- ***OS-1a: Designation of open space lands with native biotic resources and ecosystems****. The native biotic resources of the forested western slopes of Fickle Hill, river and creek riparian zones, the Arcata and Aldergrove Marshes, and Arcata Bay tidelands and sloughs are unique ecosystems that have important habitat values in addition to their other open space values. These areas as designated on Map OS-a shall be protected as open space for their resource values.*
- ***OS-1b: Open Space Plan Map.*** *The areas designated as open space are shown on Figure OS-a. Generally, these lands have Agriculture-Exclusive (A-E), Natural Resource (NR), or Public Facility (PF) land use designations. Other lands, where identified open space resources have been preserved through easements or other means, are also subject to this element's policies.*
- ***OS-1c: Relationship to Resource Conservation and Management and Public Safety Elements.*** *Identified hazard areas shall be maintained as open space for the benefit of the community. The policies of this element and Public Safety Element policies provide common direction for hazard area designation and avoidance. The natural open space features of these areas, such as vegetation, shall be retained, except where they contribute to instability or increased hazards.*
- ***OS-1d: Linkages between open space areas.*** *Open space links, especially in biological corridors and greenways, is important for wildlife migration, non-motorized vehicle transportation, and community recreation, and shall be encouraged. Trails along levees or adjacent to railroad tracks and street rights-of-way can serve as links to parks, open space, and natural areas. Easements shall also be considered as a lower cost alternative to preserving links between open space. The City shall preserve or create corridors in underserved areas, such as the Valley West neighborhood, to prepare for future linkages.*
- ***OS-1e: Appropriate uses and development limitations within open space lands.*** *Certain open space areas contain wetlands and other critical habitat and must be preserved in a natural condition and enhanced. Other areas can accommodate managed activities such as mining and timber harvesting, subject to sustainable yield policies RC-6 and RC-8 in the Resource Conservation & Management Element, while other areas shall be designated for interpretive and recreational use. Each designated open space area shall be evaluated by the appropriate City advisory board (e.g., Wetlands & Creeks, Forest Management Committee) to determine resources present, acceptable use levels, and appropriate management. Open space area management and use are guided by applicable Resource Conservation and Management and Land Use Element policies. Allow for the development*

of existing vacant and underutilized properties with low natural resource value as a strategy to permanently protect high resource value open space and provide high-quality open space.

- ***OS-1f: Designation of lands with scenic, aesthetic, historic, and cultural value.*** *The City has scenic routes, including Highway 101 and State Route 255 - Samoa Boulevard; vistas, including the forested slopes of Fickle Hill, the Arcata Bottoms; and areas of historic and cultural value, such as the Plaza. The open and natural characteristics of these areas shall be maintained. Policies for retaining scenic vistas and landscape features are included in the Design and Arcata Gateway Area Plan Elements.*
- ***OS-1g: Public and private ownership and management of open space.*** *Open space resource areas are owned and managed by the City, state agencies, tribal governments, land trusts, corporations, and private individuals. The City shall set the standard for responsible resource land stewardship through its management of the Community Forest, marshes, parks, and other resource lands, and encourage other public and private entities, entrusted with the ownership and management of similar resource areas, to consider natural resource values to the community in all long-term use decisions.*
- ***OS-1h: Greenbelts.*** *"Greenbelt" is a general term that refers to natural, undeveloped, and/or agricultural lands that surround urban areas. Preserving greenbelts of agricultural and other open space lands is an effective method of defining urban development limits. The City shall encourage the County to preserve agricultural designations in the City's Planning Area. The City also supports greenbelt preservation through land and conservation easement acquisition.*
- *These measures will help preserve visual and associative links to nature and reinforce the distinction between the City and adjacent communities.*
- ***OS-1i: Additional open space area identification and acquisition.*** *There are land parcels, including forested property on the west slopes of Fickle Hill, and lands around Arcata Bay which would contribute significantly to the City and regional open space systems. The City shall continue to pursue, or coordinate with land trusts, for acquisition, from willing sellers, to expand the amount of open space and also for conservation easements to preserve open space values of private parcels. Joint land acquisition funding will be coordinated with County, regional and state agencies. Community Forest acquisitions and acquisitions to benefit sea level rise adaptation will continue to be a priority. Other acquisition priorities shall be based on capital, operation and maintenance costs, accessibility, resource preservation, ability to complete or enhance an existing open space linkage system and unique environmental features. Lands acquired outside of the City Limits should be annexed pursuant to the Growth Management Element.*

Policy OS-2: Natural Resources Protection and Enhancement

Objective: *Designate, maintain, and enhance natural resource areas, including sensitive habitat areas, necessary to sustain plant and animal life and native biological diversity.*

Applicable sub-policies:

- ***OS-2a: Open space plan map designations for natural resource protection.*** *Publicly held lands containing creeks, sloughs, wetlands, other open water, sensitive habitat, forests, and other important natural resources are designated on the Open Space Map (OS-a). While this map is comprehensive, it is not exhaustive. Additional natural resource lands suitable for protections may be identified through site specific studies and or develop in new areas due to changing environmental conditions.*
- ***OS-2b: Development limitations and management for maintenance of biotic resources and diversity, including aquatic resources and sensitive habitats****. Creeks and wetlands are significant components of Arcata's natural open space system. The City shall restore and maintain this system for the benefit of tribal members, residents, visitors, fish, and wildlife.*

The Arcata Bay and tidelands represent an important natural edge and open space feature of the City. Buildings, landform alterations, or access routes in this area shall be of a design and scale that preservers open space and natural characteristics and maintains public views to the Bay.

Local creeks which flow openly through the developed portion of the community shall have biological corridors and greenways established and shall be maintained as visual assets to any developments which adjoin them. Daylighting of channelized or culverted creeks is encouraged where feasible, with a special emphasis on Jolly Giant Creek.

The natural features of the Mad River corridor, Arcata's creeks and adjacent areas, marshes, and other wetland areas, shall be retained.

Unique vegetation and wildlife areas shall remain in a natural condition. Such areas include sand dunes and backdune woodlands, eel grass areas, salt marshes, and special habitats (tern and osprey nesting areas, cormorant, night heron and egret rookeries, and harbor seal resting areas). The policies of this element shall also call for protection for habitat of species that become threatened in the future.

Policy OS-3: Open Space for Managed Production of Resources

Objective: *Designate and conserve resource areas, including forest and agricultural lands, fisheries and aquaculture, groundwater, and mineral resources, for their sustainable, long-term productive capabilities.*

Applicable sub-policies:

- ***OS-3a: Designations for forest, agriculture, fisheries, aquaculture, groundwater, and mineral resource uses and management****. All publicly held lands, and some privately held lands adjacent to the Community Forest and east of Aldergrove Industrial Park, actively managed for production of forest, fisheries, aquaculture and mineral resources are designated as Natural Resource [NR] on the General Plan Land Use Element map. Productive agricultural lands are designated on the Open Space Map.*
- ***OS-3b: Development limitations and management for productive resource areas****. The policies of the Resource Conservation and Management Element shall be followed for the development and management of productive resource lands. This includes policies for: Natural Biological Diversity; Streams Management; Wetlands Management; Baylands and Tidelands; Agricultural and Forest Resources; and Water, Energy, Soils and Mineral Resources. The City shall require that open space resource management be consistent with these and other applicable General Plan policies.*

Policy OS-4: Open Space for Outdoor Recreation and Coastal Access

Objective: *Designate and secure public access to a sufficient supply of land and water areas with recreation resource value, including parks, forests, coastal areas, baylands, and stream corridors, to meet the outdoor recreation needs of Arcata residents and visitors*

Applicable sub-policies:

- ***OS-4a: Designations for park lands and outdoor recreation areas****. All publicly held park lands and outdoor recreation areas are designated as Public Facility [PF] on the General Plan Land Use Element map. The natural resources present on these lands are also subject to the applicable policies of the Resource Conservation & Management Element. Recreation areas are mapped on Figure OS-a.*
- ***OS-4b: Coastal access policy****. The City shall maintain coastal access corridors to Arcata Bay and other public use areas and public trust lands within the coastal zone.*

  Coastal Access routes include:

  1. *Access from Samoa Boulevard to Arcata Bay via South "I" and "G" Streets*
  2. *Access to Mad River Beach via Mad River Road*

3. *Access to Manila Dunes via Samoa Boulevard*

- ***OS-4c: Relationship to the Parks and Recreation Element**. This element contains policies for management of open space lands designated for outdoor recreation. The Parks and Recreation Element contains goals and policy direction for: providing a of recreation opportunities; sharing facilities; park and recreation program efficiency; environmental compatibility; and user safety.*

Policy OS-5: Open Space in Health and Safety Hazard Areas

***Objective:** Designate health and safety hazard areas such as seismic fault and liquefaction zones, unstable soils or slopes, floodplains, areas susceptible to wildland fire, and watershed/reservoir safety zones for risks such as dam and tsunami inundation. Provide appropriate protections, or restrictions, to minimize unnecessary exposure of people and property to health and safety hazards.*

Applicable sub-policies:

- ***OS-5a: Designation of open space for public safety.** Designated open space for public safety is shown on Figure OS-a. Setbacks for seismic faults and liquefaction zones, unstable soils or steep slopes, mapped Flood Hazard Zone A, areas susceptible to wildland fire, and watershed/reservoir safety zones, shall be established as part of the development review process. Where severe safety considerations exist (e.g., within the Alquist-Priolo Zone), open space easements shall be granted to the City to protect people and property from health and safety hazards.*

  Open space lands, with slopes 15% or greater shall retain their natural landform features; excavation shall be restricted, according to the City's adopted grading ordinance, and removal of vegetation shall be limited to selected thinning of timber stands and removal of hazard trees.

  Open Space areas that are flood-prone may be used for agricultural and recreational purposes but shall be kept free from urban development. A flood plain overlay zone shall be applied to all Natural Resource [NR] and Agricultural [AE] areas subject to inundation according to the Flood Insurance Rate Map (Flood Hazard Boundary Map) developed by the Federal Emergency Management Agency (FEMA) or the Federal Insurance Administration.

- ***OS-5b: Development limitations and management for health and safety hazard areas.** Public Safety Element policies shall be followed for all development activity in areas with known or suspected safety hazards. In particular, seismic hazards, other geologic hazards, and flood hazards policy topics are applicable. Areas of high fire risk shall also be subject to defensible space, non-flammable materials and suppression measures as applicable.*

Policy RC-1: Natural Biological Diversity/Ecosystem Function

***Objective:** Set an overarching policy that emphasizes the value of biological diversity, and the optimal function of natural resources as part of a healthy ecosystem.*

Applicable sub-policies:

- ***RC-1a: Maintain biological and ecological integrity.** Maintaining ecological balance, system function, biological integrity, and natural diversity is the primary focus of the Resource Conservation & Management Element. Protecting the ecological functions of natural habitats, and natural drainage and infiltration processes, will enhance natural ecosystems in the Planning Area. Ecological functions and processes are maintained through the following measures:*

  1. *The structure and composition of ecological systems within the City shall contain the same native plant and animal species, in the same relative abundances and proportions, that are found in the least-disturbed natural ecosystems in the Planning Area.*
  2. *The ecological functions performed by ecological systems in the City shall resemble the functions of the least-disturbed natural ecosystems in the Planning Area.*
  3. *Ecological systems and natural processes shall not be disrupted by non-native organisms to a significant degree.*

4. *Ecological systems and natural processes shall not be disrupted by land use activities to a significant degree (e.g., a culvert or other drainage device that restricts flow or blocks fish passage).*

An "adaptive management" approach shall be used to maintain ecological and biological integrity, including monitoring the status of ecological systems in the City and adjusting the City's implementation of this Plan, in order to more closely approximate the conditions provided in the Planning Area's least-disturbed natural ecosystems.

- ***RC-1b: Non-native plant species.*** *Some non-native plant species, such as pampas grass (Cortaderia jubata), Himalayan blackberry (Rubus discolor), Scotch broom (Cytisus scoparius), blue gum eucalyptus (Eucalyptus globulus), English ivy (Hedera helix), English holly (Ilex aquifolium), cotoneaster (Cotoneaster franchetii), and reed canary grass (Phalaris arundinacea) are invasive and displace native species. The presence of these non-native species reduces the area's natural biodiversity, biological integrity and aesthetics. Only native plant species, or species demonstrated to be non-invasive, shall be used in public landscapes, and native plant species shall be strongly encouraged in private landscapes. The City shall provide public information on invasive plant species, maintain a program that recommends effective but non-toxic eradication measures for invasive plant species, and eradicate non-native plant species on public lands where they are displacing native species.*
- ***RC-1c: Protection of Environmentally Sensitive Habitat Areas.*** *Environmentally sensitive habitat areas (ESHA) shall be protected against any significant disruption of their habitat values, and only uses dependent on and compatible with maintaining those resources shall be allowed within ESHAs. Proposed development in areas adjacent to ESHAs shall be sited and designed to prevent impacts that would significantly degrade such areas, and must be compatible with the continuance of such habitat areas.*
- ***RC-1d: Identification of Environmentally Sensitive Habitat Areas****. The City declares the following to be ESHAs within the Planning Area:*

  1. *Rivers, creeks, sloughs, and associated riparian habitats: Mad River; Jacoby Creek; Beith Creek; Fickle Hill Creek; Grotzman Creek; Campbell Creek; Jolly Giant Creek; Janes Creek; Gannon Slough; Butcher Slough; and McDaniel Slough.*
  2. *Wetlands, estuaries, and associated riparian habitats: Arcata Bay; Mad River Slough; Liscom Slough; Butcher Slough; the Aldergrove marshes and ponds; and the Arcata Marsh and Wildlife Sanctuary.*
  3. *Other important habitat areas: waterbird rookeries; shorebird concentration sites; habitat for all rare, threatened, or endangered species on federal or state lists; and vegetated dunes.*
  4. *Public Trust lands such as = diked and drained former tidelands that are grazed.*
- ***RC-1e: Threshold of City review for sensitive habitat effects.*** *Development on parcels designated Natural Resource [NR] on the Land Use Plan Map, or within 250 feet of such a designation, or development potentially affecting a sensitive habitat area, shall be required to be in conformance with applicable habitat protection policies of this Element. All proposed development plans, including grading and drainage plans, submitted as part of a planning entitlement application for these areas, shall show the precise locations of all sensitive habitat areas on the site plan.*
- ***RC-1f: Sensitive habitat buffer requirement.*** *A setback shall be required separating all permitted development from adjacent sensitive habitat areas. The purpose of such setbacks shall be to prevent any degradation of the ecological functions provided by the habitat area as a result of the development. The following shall apply to such setbacks:*

  1. *The minimum width of setbacks from development to streams and wetlands shall be as provided in policies RC-2 and RC-3, respectively.*
  2. *The minimum width of setbacks from development to all other types of sensitive habitat shall be 100 feet, unless the designated setback would eliminate all reasonable use of the property.*
  3. *A definition and map of sensitive habitat will be maintained by the City.*

- ***RC-1g: Sensitive habitat information required in development application review.*** *Where there is a question regarding the boundary, buffer requirements, location, or current status of an ESHA identified pursuant to General Plan policies, the public or private applicant shall provide the City with the following:*

  1. *Base map delineating topographic lines, adjacent roads, and location of dikes, levees, culverts, flood control channels, and tide gates, as applicable.*
  2. *Vegetation map, including identification of species that may indicate the existence or nonexistence of a sensitive environmental habitat area.*
  3. *Soils map delineating hydric and non-hydric soils.*
  4. *Census of animal species indicating the existence, or non-existence, of an environmentally sensitive habitat area.*

  This information shall be provided to the California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service, NOAA Fisheries (also known as the National Marine Fisheries Service), and other affected agencies for review and comment. Any comments and recommendations provided by these state and federal agencies shall be immediately sent to the applicant for their review. The decision concerning the boundary, location, or current status of the environmentally sensitive habitat area in question shall be based on the substantial evidence in the record and supported by written findings.

- ***RC-1h: Habitat integration for ecological integrity and development of a protected habitat corridor system.*** *An ecological connection network plan for linking native habitats in the Planning Area, and all of the environmentally sensitive habitat areas identified in this Plan, shall be prepared. The network shall incorporate all existing large areas (or "nodes") of habitat for fish and wildlife species (such as marshes and forests) and "linkages" or "corridors" of natural habitat (such as stream zones and sloughs) for migration and species movement. The plan will link large "nodes" of natural habitat together with the "linkage" connections as a functioning ecological network. Nodes and linkages shall include a "core" of natural ecosystem elements and shall provide a protected "buffer" along the outer margins of the core habitat that shall function to protect the ecological services in the "core" habitat.*

- ***RC-1i: Use of biocides and other compound with biological consequences.*** *Pesticides, herbicides and insecticides (biocides); hormones and antibiotics (growth promoters); and hydrocarbon-based compounds, used both commercially and individually, can accumulate to toxic levels in biological organisms, including humans. Certain of these substances, even at low levels, can affect reproductive health.*

- *The City shall maintain and make available a current list of alternative, environmentally-safe products for controlling unwanted vegetation and pests, growing crops and enhancing production of animal products. The use of substances and compounds that can accumulate to toxic levels is restricted by the City (Pesticide Ordinance).and the City shall develop a program for fostering the reduction of pesticides in private use.*

Policy RC-2: Streams Conservation and Management

Objective: *Enhance, maintain, and restore the biological integrity of entire stream courses (headwaters to mouth), and their associated riparian habitats, as natural features in the City's landscape.*

Applicable sub-policies:

- ***RC-2a: Designation of protected streams.*** *The provisions of this policy shall apply to those streams shown on the Protected Watercourse Map (Figure RC-a). These watercourses and their associated riparian areas serve as habitat for fish and wildlife, provide space for the flow of stormwater runoff and flood waters, and furnish open space and recreational areas for city residents.*

- ***RC-2b: Environmental Buffer Area (EBA).*** *A streamside protection area is hereby established along both sides of the streams identified on the City Watercourse Map. The purpose of the EBA is to remain in a natural state in order to protect stream ecosystems and their associated riparian habitat areas.*

- ***RC-2c: Allowable uses and activities in Environmental Buffer Areas.*** *The following compatible land uses and activities may be permitted in EBAs, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements:*

  1. *Outside the Coastal Zone:*
     a. *Agricultural operations compatible with maintenance of riparian resources;*
     b. *Fencing along property boundaries and along EBA setback boundaries to prevent bank erosion and degradation of natural riparian vegetation by livestock;*
     c. *Maintenance of existing roads, driveways, and structures;*
     d. *Construction of public road crossings;*
     e. *Forest management practices as permitted by the State of California or Arcata's Forest Management Plan;*
     f. *Construction and maintenance of foot trails for public access;*
     g. *Construction and maintenance of utility lines;*
     h. *Resource restoration projects;*
     i. *Emergency or preventive removal of sediment and vegetation for flood control purposes (only when authorized by the City of Arcata).*
  2. *In the Coastal Zone*
     a. *All uses and activities listed in (1) above;*
     b. *Public coastal access improvements;*
     c. *Boat launching facilities.*
  3. *If the provisions herein would result in any legal parcel, not on Public Trust lands, created prior to the date of this plan, being made unusable in its entirety for any purpose allowed by the land-use plan, exceptions to the foregoing may be made to allow a reasonable economic use of the parcel, subject to approval of a conditional use permit. Any land use, construction, grading, or removal of vegetation that is not listed above shall be prohibited.*

- ***RC-2d: The Wetland and Stream Protection Combining (WSP) Zone.*** *The WSP zone of the Zoning Code shall be applied to all streamside protection areas. [The WSP zone should be a land use designation under the NR district, e.g., NR-WSP.]*
- ***RC-2e: Review and approval of projects affecting streamside protection areas.*** *Applications for development on any parcel that is located partially or wholly within an SPA shall be subject to the requirements of Policy RC-1 and RC-2.*
- ***RC-2f: Conservation easement.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the EBA shall be required as a condition of approval of any discretionary planning permit, including design review, when any portion of the project site falls within an EBA. Such easements may be conveyed to the City of Arcata, to another governmental agency that shall manage the easement to protect the EBA's functions, or to a mutually agreeable non-profit entity.*
- ***RC-2g: Maintenance of streams as natural drainage systems.*** *Arcata's creeks carry a significant amount of the City's stormwater runoff. Drainage controls shall be enforced through implementation of the Drainage Master Plan, to protect water quality, and to minimize erosion, sedimentation and flood impacts to City creeks. A comprehensive stream maintenance program shall be prepared to augment stormwater utility rehabilitation projects designed to maintain or improve flow capacity, trap sediment and other pollutants that impair water quality, minimize channel erosion, prevent new sources of pollutants from entering the stream, and enhance instream and riparian habitat.*
- ***RC-2h: Restoration of degraded creek resources.*** *Portions of Janes, Jolly Giant, Campbell, and Grotzman Creeks are culverted or covered, causing degradation of creek resources. Tide gates on*

creek systems can be barriers that prevent anadromous salmonids from accessing critical habitat. Furthermore, recreational use can degrade riparian vegetation along upland reaches of certain creeks (e.g., Jolly Giant, Campbell, and Jacoby Creeks) within Redwood Park and the Community Forest. Lack of vegetation along creek courses can cause erosion, resulting in water quality and air quality impacts. Restoration activities for improving degraded stream resources shall include:

1. *Uncovering of creek courses in public rights-of-way, as part of public works improvement projects.*
2. *Encouraging landowners to restore degraded EBA and stream resources, including native riparian vegetation establishment and invasive species removal, as part of a new development or renovation.*
3. *Controlling uses that are damaging to upland reaches of creeks in the Community Forest and Redwood Park.*
4. *Removing or modifying barriers such as tide gates that prevent migrating anadromous salmonids which are federally listed endangered species from reaching their critical habitat.*
5. *Exclusionary fencing to keep livestock out of the EBA.*
6. *Identifying and addressing sources of pollutants that adversely impact water quality, if applicable.*

Policy RC-3: Wetlands Management

Objective: *To protect existing wetlands areas and their functional capacities and services, maintain a standard of "no net loss" of wetland area and services, restore degraded wetland areas, enhance wetlands functions, and create additional wetland areas to replace historical losses.*

Applicable sub-policies:

- ***RC-3a: Requirement for wetland delineation and study.*** *All proposed development applications shall include a site plan that shows the precise location of any wetlands that exist on the subject property. Any application for development on a parcel where wetlands may be present shall include a wetland reconnaissance or delineation report.*
- ***RC-3b: Filling of wetlands.*** *The following shall apply:*
  1. *Filling of wetlands shall be prohibited in the Coastal Zone, unless it can be demonstrated that:*
     a. *The wetland restrictions, if imposed would render a parcel, not subject to the Public Trust, unusable for any use permitted by the land use plan;*
     b. *There is no feasible, environmentally less damaging alternative to wetland fill for development of a permitted use; and*
     c. *The fill is the least amount necessary to allow development of permitted uses.*
  2. *Filling of wetlands outside the Coastal Zone may be permitted only when the following has been demonstrated by the project proponent:*
     a. *The fill is the least amount necessary to allow a reasonable and harmonious configuration of development on the parcel;*
     b. *The wetlands proposed to be filled are small and isolated, and have limited functional services when compared to larger, contiguous wetland areas.*
  3. *Filling of wetlands shall only be authorized if appropriate mitigation, resulting in "non net loss" in the area and value of wetlands is provided. Mitigation may consist of creating and maintaining a new wetland of equal or greater functional capacity and services than the wetland proposed to be filled, restoration of previously degraded wetlands, or enhancement of existing wetland areas.*
- ***RC-3c: Designation of Environmental Buffer Areas for Wetlands****. An Environmental Buffer Area shall be established to separate all permitted development from adjacent existing wetlands that are to be preserved in a natural state, and from new wetland areas that are created as mitigation of wetland infill. The Environmental Buffer Area's purpose is to remain in a natural state in order to protect*

wetland ecosystems and their associated habitat areas from destruction or degradation. The extent of the Environmental Buffer Area shall be established based upon analyses and recommendations contained in a site-specific wetland delineation study.

- ***RC-3d: Allowable uses and activities in Environmental Buffer Areas for Wetlands.*** *The following compatible land uses and activities may be permitted in Environmental Buffer Area for Wetlands, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements:*

  1. *Resource restoration or enhancement projects.*
  2. *Farming, consistent with policy RC-3l.*
  3. *Outdoor recreation activities, such as bird watching, hiking, boating, horseback riding, and similar activities.*
  4. *Education, scientific research, and use of nature trails.*
  5. *Drainage ditches when compatible with wetland function.*
  6. *Minor modification of existing, serviceable structures.*
  7. *Fencing to prevent livestock from degrading wetlands and riparian vegetation.*

  Any use, construction, grading, or removal of vegetation that is not listed above shall be prohibited.

- ***RC-3e: Wetland and Stream Protection Combining (WSP) Zone****. The WSP zone of the City's Zoning Code shall be applied to all Wetland Protection Areas.*

- ***RC-3f: Review and approval of projects affecting Environmental Buffer Areas for wetlands****. Applications for development on any parcel that is located partially or wholly within an Environmental Buffer Area for wetlands shall be subject to the requirements of Policy RC-1 and RC-3.*

- ***RC-3g: Conservation easements.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the Environmental Buffer Area for wetlands shall be required as a condition of approval of any discretionary action, including design review, when any portion of the project site falls within an Environmental Buffer Area. Such easements may be conveyed to the City of Arcata, or another governmental agency, or a City-approved non-profit entity that shall manage the easement to protect the Environmental Buffer Area's functions.*

- ***RC-3h: Designation of wetland protection zones.*** *The WSP Zone shall be applied to wetlands, wetland setbacks, wetland buffer areas and modified wetland buffer areas, as defined in the City's Zoning Code, at the time of development review and approval.*

  A wetlands map, maintained by the City, will show the general location of wetlands, riparian corridors, and uplands within the City limits and urban services zone. All proposed development within or adjacent to the areas identified on the map as wetlands or riparian corridors shall comply with City Wetlands Development Standards. A Wetlands Buffer Area shall be required to protect the areas shown as wetlands on the Wetlands Map. All proposed development within the buffer areas shall comply with the Wetlands Buffer Area Development Standards of the Coastal Zoning Ordinance.

- ***RC-3i: Management of Arcata Marsh for wetlands services as well as wastewater treatment****. The Arcata Marsh and Wildlife Sanctuary serves a variety of purposes and functions, including providing wetland habitat for a variety of species, wastewater treatment, and recreational use. These purposes shall be balanced for the benefit of all users.*

- ***RC-3j: Minimum mitigation requirements for wetland impacts.*** *Diking or filling a wetland that is otherwise in accordance with the policies of this General Plan, shall, at a minimum, require mitigation measures, monitoring program, and acceptable funding.*

- ***RC-3k: Wetland functional capacity maintenance requirement.*** *Diking, filling, or dredging of a wetland or estuary shall maintain or enhance the functional capacity of these resources. Functional capacity means the ability of the wetland or estuary to be physically and biologically self-sustaining and to maintain natural species diversity. In order to establish that the functional capacity is being maintained, all of the following must be demonstrated:*

1. *Presently occurring plant and animal populations in the ecosystem will not be altered in a manner that would impair the long-term stability of the ecosystem (i.e., natural species diversity, abundance and composition are essentially unchanged as the result of the project).*
2. *A species that is rare or endangered will not be significantly adversely affected.*
3. *Consumptive uses (e.g., fishing, aquaculture and hunting) or non-consumptive functions (e.g., water quality improvement and research opportunity) of the wetland or estuary ecosystem will not be significantly reduced.*

- ***RC-3l: Uses allowed in diked and drained reclaimed former tidelands.*** *Allowable uses and development in grazed or farmed wetlands are limited to uses compatible with the Public Trust doctrine. These uses are specified in Land Use Element Policy LU-6 and are summarized below.*

1. *Agricultural operations limited to accessory structures, apiaries, field and truck crops, livestock raising, greenhouses (provided they are not located on slab foundations and crops are grown in the existing soil on site), and orchards.*
2. *Farm-related structures, including barns, sheds, and farmer-occupied housing, necessary for the performance of agricultural operations. Such structures may be located on an existing grazed or farmed wetland parcel only if no alternative upland location is available for such purpose and the structures are sited and designed to minimize adverse environmental effects on Public Trust resources and uses. No more than one primary and one secondary residential unit shall be allowed per parcel.*
3. *Restoration projects.*
4. *Nature study, aquaculture, and similar resource-dependent activities compatible with Public Trust resources and uses.*
5. *Incidental public service purposes that may temporarily impact the resources of the area (such as burying cables or pipes).*

   Expanding farming operations into non-farmed wetlands, by diking or otherwise altering the functional capacity of the wetland is not permitted. Farm-related structures (including barns, sheds, and farm-owner occupied housing) necessary for the continuance of the existing operation of the farmed wetlands may be located on an existing farmed wetland parcel, only if no alternative upland location is viable for such purpose and the structures are sited and designed to minimize the adverse environmental effects on the farmed wetland. Clustering and other construction techniques to minimize both the land area covered by such structures and the amount of fill necessary to protect such structures will be required.

Policy RC-4: Open Waters of Arcata Bay & Tidelands

Objective: *Maintain existing Bay wetlands and tide lands, protect them from urban and agricultural encroachments or degradation, and manage the open waters of Arcata Bay for their wildlife, fisheries, and ecological services, as well as navigation, recreation, and tourism uses.*

- ***RC-4a: Protection of open waters and tideland areas of Arcata Bay.*** *The open water areas and tidelands of Arcata Bay constitute a fragile Public Trust resource and access shall be controlled to avoid resource degradation, while maintaining the public's right to navigation. Tidal marshes shall be enhanced and maintained, especially in the areas of McDaniel, Gannon, and Butcher's Sloughs, to protect wetland services.*
- ***RC-4b: Access to Arcata Bay.*** *The following bicycle and pedestrian routes are designated as Public Access Corridors and shall be properly signed and identified as approved Bay access points.*

1. *"I" Street from Samoa Boulevard, south through the Arcata Marsh and Wildlife Sanctuary to the boat launching facility on Arcata Bay.*
2. *South "G" Street south of "H" Street, to Highway 101.*
3. *Humboldt Bay Trail from Samoa Boulevard (Highway 255), south to Bayside Cutoff and beyond.*
4. *Samoa Boulevard from Highway 101 west to Mad River Slough.*

A system of foot trails and interpretive sites shall be established along the Arcata Bay shore westward to the City limit, subject to the following guidelines.

1. *All planning and development in the area that is both south of Samoa Boulevard and west of Highway 101, and that is identified as tidelands, former tidelands, wetlands or riparian corridor on the adopted Wetlands Map shall be reviewed by the Wetlands and Creeks Committee and coordinated with California Department of Fish and Wildlife.*
2. *Development in the area bounded by Butcher's Slough and Gannon Slough shall occur in conjunction with management of the USFWS National Wildlife Refuge, Arcata Marsh and Wildlife Sanctuary and the Jacoby Creek Gannon Slough Wildlife Area.*
3. *Motorized vehicles shall be restricted to paved roads and parking lots.*
4. *Pedestrians shall be restricted to designated trails and facilities.*
5. *Valid scientific and educational studies of wetlands and tidelands are encouraged with a City Nature Area Entrance Permit.*

- ***RC-4c: Coastal-dependent and Public Trust uses of Arcata's tidelands.*** *Tidelands of Arcata Bay support a variety of wildlife as well as human activities. The following provisions shall be made for managing tideland areas.*

  1. *Tidelands and open water areas of Arcata Bay shall be designated Natural Resource Public Trust lands [NR], and identified as passive use recreational areas.*
  2. *The Arcata Marsh and Wildlife Sanctuary shall be designated as Natural Resource [NR] and the recreational component of the project identified as a passive use recreational area.*
  3. *The continued use of the tidelands for scientific and educational studies is encouraged.*
  4. *The Arcata Marsh and Wildlife Sanctuary shall be maintained, and any new facilities shall be built consistent with the Arcata Marsh and Wildlife Sanctuary plan adopted by the City Council.*
  5. *The South "I" Street boat launch shall be enhanced or relocated to accommodate small watercraft and windsurfing.*
  6. *The placement of interpretive sites along the Arcata Bay shore, including Nature and Wildlife Centers, shall be coordinated with other agencies, and serve as an educational focal point for Arcata's natural resource areas.*
  7. *Access on the levee from the Arcata Marsh and Wildlife Sanctuary westward to the City limit shall be provided for passive recreation and nature observation.*

- ***RC-4d: Diking, dredging filling, and shoreline structures.*** *Diking, dredging, or filling of Bay waters, wetlands, and estuaries is discouraged and only permitted where it has been demonstrated that the Public Trust resources and values are being protected, and mitigation measures have been provided, which minimize adverse environmental effects, for the following limited uses:*

  1. *Incidental public service purposes including but not limited to, burying cables and pipes, and maintaining existing dikes and public facilities.*
  2. *Maintaining a channel adequate to serve the boat ramp at current levels of use.*
  3. *Resource restoration purposes.*
  4. *Nature study, aquaculture, or similar Public Trust resource dependent activities.*
  5. *Agriculture and currently practiced within existing diked former tidelands but not including the expansion thereof.*

  In order to protect existing development, shoreline structures (such as dikes or tide gates) that may alter the natural shoreline, shall be permitted only when they do not adversely affect any federally listed endangered or threatened species; and no other feasible, less environmentally-damaging alternative is available, and only when the structures are not located within a wetland, unless the wetland will be the primary beneficiary of the structure.

  The placement of dredge material on existing wetlands shall not be permitted unless such placement is necessary for either a Public Trust resource restoration project, or for the maintenance of existing agricultural operations in diked former tidelands. Wetland fill shall be allowed for aquaculture projects if

it can be shown that it is necessary for the project, is required to be located within the wetland, and there is no other feasible, less environmentally-damaging, alternative.

- ***RC-4e: Aquaculture use of coastal wetlands and tidelands.*** *To protect aquaculture activities in Arcata Bay, the City shall:*

  1. *Ensure that its wastewater discharge does not exacerbate existing problems with coliform bacteria levels in Arcata Bay.*
  2. *Take measures to reduce coliform loading of perennial streams within its jurisdiction, as part of a stream maintenance program. These measures shall include controlling identified sources of coliform loading such as septic tank leachate and runoff from agricultural operations.*

  Aquaculture shall not adversely impact natural ecological processes nor native wildlife or fisheries or their habitat in the Bay. No new aquaculture uses shall be permitted unless it can be demonstrated that adequate precautions will be taken to prevent new adverse impacts to natural ecological processes. The City shall continue its management of:

  1. *Integrated wetland enhancement and wastewater treatment.*
  2. *The tidelands, for commercial and native oyster harvesting.*
- ***RC-4f: Management of bayfront and marsh areas for coastal access, recreation, and tourism.*** *Tidelands and open water areas of Arcata Bay shall be designated Natural Resource-Public Trust land [NR-PT] and protected from uncontrolled access. The following guidelines shall be used when permitting access to these areas:*

  1. *Motorized vehicles shall be restricted to paved roads and parking lots.*
  2. *Pedestrians shall be restricted do designated trails and facilities.*
  3. *Valid scientific and educational studies of the wetlands and tidelands shall be encouraged.*

  New development shall not restrict public access to the shoreline. Public access to the shoreline shall be required of new development. Where consistent with the Humboldt Bay National Wildlife Refuge's Management Plan, controlled public access to the Refuge's Jacoby Creek Unit shall be developed along Arcata Bay from the AMWS to the City's westward limit.

Policy RC-5: Agricultural Resources Management

Objective. *Protect and enhance agricultural uses on prime agricultural lands within the City and encourage more productive agricultural use of agriculturally suitable lands.*

Applicable sub-policies:

- ***RC-5a: Promotion of and participation in agricultural production within the City.*** *Diverse and intensive agricultural production and increased participation in agricultural production, shall be promoted, in order to maintain the value of agricultural lands, improve the economic base, and increase employment and food production. The City does not, however, advocate more intensive agricultural uses and practices that would have adverse environmental impacts. Agricultural operations, such as Community Supported Agriculture (CSA) are strongly encouraged.*
- ***RC-5b: Agricultural Advisory Committee****. The City shall appoint an Agricultural Advisory Committee to advise on agricultural issues and programs. The responsibilities of the committee shall include, but are not limited to:*

  1. *Development of a Community and Farm Protection Ordinance, as well as conflict resolution protocol.*
  2. *Development of programs (educational, leasing, and purchase) that will encourage responsible productive uses of agricultural lands.*
  3. *Identification of lands for preservation and/or acquisition programs.*
  4. *Maintain a database of resources available to farmers, such as Williamson Act advantages, conservation easements, organic farming practices, and marketing strategies.*

- ***RC-5c: Community and farm protection.*** *Maintaining a compatible relationship between agricultural and residential uses shall be based on:*
    1. *Recognizing the rights of owners of productive agricultural land to make agricultural use of their land.*
    2. *Identifying and minimizing potential conflicts between agricultural operations and adjacent residential, commercial, and community facility uses.*
    3. *A Community and Farm Protection Ordinance shall provide a foundation for minimizing conflicts, educating the community, and a protocol for mediating unresolved disputes. Once adopted, the ordinance shall be mailed to all owners of agricultural and adjacent lands and disclosed to affected property owners at the time of parcel transfer.*
- ***RC-5c: Permanent protection for agricultural lands.*** *Protection of agricultural resources shall be secured through the purchase of conservation easements, development rights, and outright acquisition. The City shall work in conjunction with other entities such as land trusts, whenever possible, to preserve agricultural buffers and maintain and enhance agricultural uses on prime agricultural soils.*

Policy RC-6: Forest Resources Management

Objective. *Protect and enhance private and public forest lands (e.g., the Arcata Community Forest Tracts) to maintain the resiliency and integrity of the ecosystem while protection timber production, recreation, habitat values, and opportunities for education and research.*

Applicable sub-policies:

- ***RC-6a: Management of Arcata Community Forest.*** *The City's 2022 Forest Management plan includes the following policies:*
    1. *Recreation and aesthetic resources management. The community forest will emphasize dispersed, day-use opportunities. Recreational use shall not be allowed to impact other resources such as fish, wildlife, or watershed.*
    2. *Timber resource management. To ensure the sustainable and long-term production of forest products, the rate of harvesting must not exceed the rate of production. Long-term productivity refers to the continuing ability of the forest to produce timber while retaining the associated values of watershed, wildlife, soils, recreation and aesthetics. This is dependent upon the use of management practices that do not allow for the deterioration or impairment of soil productivity. For planning purposes, long term means that exceeding fifty years.*
    3. *Watershed resource management. Water quality, soil, riparian, and aquatic biological productivity shall be maintained and enhanced through the application of City forest management standards and the implementation of watershed improvement projects.*
    4. *Wildlife resource management. Wildlife habitat is managed to promote species diversity and to ensure that populations of indigenous species are maintained. This can best be achieved through the maintenance and enhancement of habitat values. Habitat values that lead to species diversity include the following elements: breeding, foraging, watering, rearing, hiding and thermal cover.*
    5. *Vegetation and botanical resources. Maintain the native biodiversity of species found in a redwood forest habitat, both by controlling exotics and managing for a species mix that would naturally occur in a redwood forest habitat.*
- ***RC-6b: Management of Jacoby Creek Forest.*** *The management policies for the Jacoby Creek Forest are the same as those for the Arcata Community Forest, listed above, except that the Jacoby Creek Forest is not open to recreational use.*
- ***RC-6c: Allocation of forest fund.*** *Forest fund revenues, derived from timber harvest and carbon projects shall be deposited into a special revenue account within the City to be utilized for forest management purposes. Excess net forest fund revenues, when available, may be directed towards park acquisition, maintenance, and development. This can include acquisition of stream corridors, and*

riparian and greenbelt areas. These areas contribute to the diversity of parks and, in the case of linear parks along stream corridors, provide passive recreation areas compatible with the environment. The acquisition of open space shall be emphasized as an appropriate use for the remaining revenues.

- ***RC-6d: Management practices for private timberlands.*** *The management of private timberlands shall be encouraged to use current principles of sustainable forestry for all aspects of forest use and function: recreation; timber production; biodiversity; air and water quality; and carbon storage. Timber owners are encouraged to apply for conservation easements, certified forestry, or compensation for carbon storage.*
- ***RC-6e: Timber harvest plans.*** *The City, in cooperation with California Department of Forestry, shall request review of all Timber Harvest Plans (THP) within the Planning Area. The City shall review THPs for measures that protect water quality, control erosion and flooding, and preserve the City viewshed. The city shall recommend that THPs that do not include these measures not be approved.*
- ***RC-6f: Urban conversions.*** *The sustainable management of timber resources, and related uses, shall be encouraged, so that the long-term economic return from productive timber production will provide sufficient incentives to prevent urban conversions. Urban conversions are discouraged within the Urban Services Boundary.*
- ***RC-6g: Setbacks.*** *Development adjacent to the Community Forest boundary shall be setback at least 150 feet, unless this would make the use of the parcel infeasible for its designated purpose. However, larger setbacks may be required to prevent exposure to potential hazards and to maintain forest integrity.*
- ***RC-6h: Monitoring.*** *Monitoring of forest practices, to ensure consistency with adopted management and harvest plans, shall be carried out as an implementation measure of this Element. The general objectives of the monitoring will be to:*
  1. *Determine the effectiveness of management practices at multiple scales (i.e., individual sites to watersheds).*
  2. *Validate ecosystem functions and processes have been maintained as predicted.*

Policy D-3: Scenic Routes, Resources, and Landscape Features

Objective. *Identify and protect scenic routes, resources, and landscape features. Retain natural features, coastal scenic resources, and scenic vistas as important aesthetic components of the built environment and visual and associative links to nature. Minimize impairment and obstructions of scenic views to the minimum necessary to allow development.*

Applicable sub-policies:

- ***D-3e: Arcata Bay – Open waters, shoreline, and tidal marshes.*** *(No change to text from the General Plan 2020.)*
- ***D-3i: Streamside riparian areas.*** *(formerly Policy D-3j) Creeks or drainage channels and any associated riparian vegetation shall be retained in a natural state and incorporated into site design as a visual asset to development that adjoin them. Design codes should encourage "daylighting" streams on City and private property, and restoration of riparian ecology and function.*

As discussed in detail in Section 5.3.6, Policy D-3i (Preservation of windrows, groves or tree rows) was not carried into the General Plan 2045. These groves are generally non-native, and sometimes invasive, species. Ensuring their preservation for visual purposes is at odds with resource conservation.

Policy D-4: Subdivision Design

Objective. *Achieve subdivision design that accommodates orderly growth; ensures proper development of land and access to lots; promotes open space retention; ensures adequate circulation, utilities, and services; preserves existing landforms; and retains significant vegetation.*

Applicable sub-policies:

- ***D-4d: Retention of natural features.*** *Subdivisions shall be designed considering the natural conditions and features of the site. To the maximum extent practicable, development shall be located to preserve natural features and avoid areas of environmental sensitivity, including but not limited to: wetlands, significant or mature locally native trees or stands of such trees, creekside riparian habitat areas, floodplain areas, and areas with slopes greater than thirty percent. Residential structures, including decks and balconies, shall not extend into significant natural areas.*

City of Arcata Local Coastal Program

The policies within the City of Arcata's Local Coastal Plan that regulate biological resources include Coastal Act policies Section 30607.1, 30121, 30231, 30233 which are listed above and referenced here.

Section 30607.1

Where any dike and fill development is permitted in wetlands in conformity with this division, mitigation measures shall include, at a minimum, either acquisition of equivalent areas of equal or greater biological productivity or opening up equivalent areas to tidal action; provided, however, that if no appropriate restoration site is available, an in-lieu fee sufficient to provide an area of equivalent productive value or surface areas shall be dedicated to an appropriate public agency, or such replacement site shall be dedicated to an appropriate public agency, or such replacement site shall be purchased before the dike or fill development may proceed. Such mitigation measure shall not be required for temporary or short-term fill or diking: provided, that a bond or other evidence of financial responsibility is provided to assure that restoration will be accomplished in the shortest feasible time.

Section 30121

"Wetland" means lands within the coastal zone which may be covered periodically or permanently with shallow water and include saltwater marshes, freshwater marshes, open or closed brackish water marshes, swamps, mudflats, and fens.

Section 30231

The biological productivity and the quality of coastal waters, streams, wetlands, estuaries, and lakes appropriate to maintain optimum populations of marine organisms and for the protection of human health shall be maintained, and where feasible, restored through, among other means, minimizing adverse effects of wastewater discharges and entrainment, controlling runoff, preventing depletion of ground water supplies and substantial interference with surface water flow, encouraging wastewater reclamation, maintaining natural vegetation buffer areas that protect riparian habitats, and minimizing alteration of natural streams.

Section 30233

(a) The diking, filling, or dredging of open coastal waters, wetlands, estuaries, and lakes shall be permitted in accordance with other applicable provisions of this division, where there is no feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the following:

(1) New or expanded port, energy, and coastal-dependent industrial facilities, including commercial fishing facilities.

(2) Maintaining existing, or restoring previously dredged, depths in existing navigational channels, turning basins, vessel berthing and mooring areas, and boat launching ramps.

(3) In wetland areas only, entrance channels for new or expanded boating facilities; and in a degraded wetland, identified by the Department of Fish and Game pursuant to subdivision (b) of Section 30411, for boating facilities if, in conjunction with such boating facilities, a substantial portion of the degraded wetland is restored and maintained as a biologically

productive wetland; provided, however, that in no event shall the size of the wetland area used for such boating facility, including berthing space, turning basins, necessary navigation channels, and any necessary support service facilities, be greater than 25 percent of the total wetland area to be restored.

(4) In open coastal waters, other than wetlands, including streams, estuaries, and lakes, new or expanded boating facilities.

(5) Incidental public service purposes, including, but not limited to, burying cables and pipes or inspection of piers and maintenance of existing intake and outfall lines.

(6) Mineral extraction, including sand for restoring beaches, except in environmentally sensitive areas.

(7) Restoration purposes.

(8) Nature study, aquaculture, or similar resource-dependent activities.

Non-industrial Timber Management Plan

This is a long-term management option and permit available to timber land ownerships of less than 2,500 acres that was adopted in 1999. The plan covers the Arcata Community Forest and the Jacoby Creek Forest. Elements include a description of timber stand characteristics, a description of proposed activities within each management unit, a description of cultural or historical records, and information on threatened or endangered plant or animal species. The plan also stipulates that the landowner must practice uneven age management and demonstrate and document sustainable harvesting. The plan is required by the state, and amendments and deviations are sent to CAL FIRE as lead agency for review and approval.

Northern Spotted Owl Habitat Retention Agreement

The Northern Spotted Owl (*Strix occidentalis caurina*) was federally listed as threatened in 1990. The Habitat Retention Agreement is a voluntary commitment by the City to manage the City's timberland in a manner that maintains and enhances Northern Spotted Owl habitat. The City entered into the agreement in 2008 for areas within the Non-industrial Timber Management Plan. Management commitments include limiting all openings created by timber harvest to 0.99 acres, retaining a greater average post-harvest basal area (square feet per acre) for trees greater than 12-inch diameter breast height, legacy trees, and snags will be recruited and retained to a minimum level of 0.5 per acre, down cull logs will be retained, and NSO surveys/monitoring will be conducted annually.

5.3.4 Evaluation Criteria and Significance Thresholds

For the purpose of this EIR, the evaluation criteria and significance thresholds summarized below are used to determine whether implementation and adoption of the General Plan 2045 would have a significant effect related to biological resources, as defined by Appendix G of the CEQA Guidelines, if it would:

– Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW, or USFWS;
– Have a substantial adverse effect on any riparian habitat or other Sensitive Natural Community identified in local or regional plans, policies, regulations, or by CDFW or USFWS;
– Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
– Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
– Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; or

– Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

5.3.5 Methodology

The evaluation of potential impacts to biological resources is based on mapped vegetation communities and wetlands (see Figures 5.3-1 and 5.3-2), and database inventory of special status plants and animals (see Table 5.3-1). It should be noted that the data shown on these figures and table are from a publicly accessible database and are displayed at a coarse scale and were not mapped or compiled specifically as a component of the General Plan 2045 or this Draft EIR.

5.3.6 Impacts and Mitigation Measures

Impact Analysis

Impact BIO-a: **Would adoption and implementation of the General Plan have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?**

Construction on Undeveloped Land

Development anticipated under the General Plan 2045 could potentially impact special-status species. Table 5.3-1 lists the special-status species documented within the Arcata North and Arcata South USGS 7.5 min quadrangles, and totals 51 species (comprised of 18 plants, and 33 wildlife species). It should be noted that the study area comprises a portion of each of these quads, and therefore not all of the 51 species documented would occur within the study area (for example, there are no dune habitat species because there are no dunes within the study area).

As described in the Setting, the undeveloped habitat within the Infill Opportunity Zones is limited and predominantly consists of grassland, patches of forest, and approximately 600 linear feet of riparian corridor along Jolly Giant Creek (which is considered ESHA). The remaining areas within the Infill Opportunity Zones are developed.

Under federal and state law, if a project were to be implemented that would modify a public trust resource (such as wetlands, riparian habitat, or a threatened or endangered species), an inventory of the resource to be modified would be compiled and assessed, followed by potential issuance of a permit and mitigation measures to offset the impact. In addition to federal and state regulations, under the proposed General Plan 2045 policies, ecological function would be upheld and protected by the following policies:

- RC-1a* (Maintain biological and ecological integrity);
- RC-1b (Non-native plant and animal species) – states common invasive species and that their presence reduces the area's biological integrity;
- RC-1c (Protection of Environmentally Sensitive Habitat Areas);
- RC-1e* (Threshold of City review for sensitive habitat effects);
- RC-1f (Sensitive habitat buffer requirement);
- RC-1g* (Sensitive habitat information required in development application review); and
- RC-1h* (Habitat integration for ecological integrity and development of protected habitat corridor system).

The asterisked policies denote that there is no change between the proposed policy and the existing General Plan 2020 policies, and therefore there would be no anticipated substantial difference in ecological integrity associated with the General Plan 2045. The policies without an asterisk only have minor updates; no substantial modifications are proposed. These policies were amended to remove language that is already codified in the zoning ordinance; the language changes do not affect the impact of the policy. Policy RC-1c states that ESHA shall be protected against disruption of habitat values and only uses dependent on and compatible with maintaining those resources within ESHA would be allowed. Policy RC-1e require parcels designated as Natural Resources or within 250 feet of such designation to be in conformance with applicable habitat protection policies of the Resource Conservation and Management Element, and to provide maps of the location of ESHA to the City with planning entitlement applications. Policies RC-1f, RC-2b and RC-3c require buffers separating permitted development from adjacent sensitive habitat areas. These buffers around streams, wetlands and other sensitive habitat areas would provide protections to aquatic and semi-aquatic species such as fish and amphibians and would reduce the potential for impacts to occur to species utilizing the sensitive habitat areas. Future developers would need to comply with all applicable permitting requirements in or adjacent to sensitive habitat areas.

Policies RC-2 and RC-3 include protections to streams, wetlands and Baylands and are discussed in impact question Impact BIO-b. Policies in the Open Space Element also include protections to biotic resources. These policies provide a high level of protection to the natural environment (i.e., grasslands, trees, wetlands, and other ESHA).

As a result of existing federal and state regulations protecting natural resources (such as wildlife habitat), and existing and proposed policies under the General Plan 2045 that would require assessment, inventories and buffers for protection of natural resources, it is unlikely that implementation of the General Plan 2045 would have a substantial adverse impact directly or indirectly on a special-status species via construction in undeveloped lands.

Construction Involving Demolition

However, some special-status species may occur within the developed footprint of the study area, particularly within the Infill Opportunity Zones. Future construction in these areas may result in the demolition of existing structures. It is possible that the structures to be demolished may provide habitat for species such as the Townsend's Big-eared Bat, and removal of the structure may result in injury or death to the species which would be a significant impact. To avoid this potential impact, mitigation measure BIO-1 is proposed.

Mitigation Measure BIO-1: Protect Special-Status Bats during Structure Demolition

If a structure is to be demolished, a qualified bat biologist shall conduct pre-construction surveys for special-status bats during the spring or summer prior to construction in areas where potential maternity roosts may be disturbed/removed. If Project work will take place between August 16 and March 31, no surveys shall be required because there will be no impact to roosting bats, as this period is outside of the maternity season. If Project work occurs within the maternity season, survey methodology should include visual examination of suitable habitat areas for signs of bat use and may utilize ultrasonic detectors to determine if special-status bat species utilize the vicinity. If bats exist, species presence and site use patterns should be documented, including roost sites. Bat presence in the Project may vary seasonally and annually. Surveys should be conducted in a manner to detect the presence of hibernating or torpid bats, reproductive colonies and/or migratory stop-over roosts. If no bat utilization or roosts are found, then no further study or action is required. If bats are found to utilize the Project vicinity, or presence is assumed, a bat specialist should be engaged to advise the best method to prevent impact. This may include, but will not be limited to:

- Consultation with the California Department of Fish and Wildlife to determine appropriate measures for protecting bats with young if present, and for implementing measures to exclude non-breeding bat colonies during construction process.
- Phased removal of the structure where selected portions not containing cavities are removed on the first day, with the remainder of the structure removed on the subsequent days.

Mitigation Measure BIO-1 requires surveys and avoidance and minimization of direct and indirect impacts to special status bats during demolition of structures, thereby reducing any potential impacts to a less-than-significant level.

Level of Significance: Less than significant after mitigation

Impact BIO-b: Would adoption and implementation of the General Plan have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?

Sensitive Natural Communities and riparian habitat are both considered Environmentally Sensitive Habitat Areas (ESHA) and are protected under proposed General Plan 2045 policies RC-1c (Protection of Environmentally Sensitive Habitat Areas), RC-1d (Identification of Environmentally Sensitive Habitat Areas), RC-1e (Threshold of City review for sensitive habitat effects) and RC-1f (Sensitive habitat buffer requirement). These policies would protect against any significant disruption of ESHA habitat values via only allowing land uses dependent on and compatible with maintaining those resources. Development adjacent to ESHA would be designed to prevent impacts that could significantly degrade such areas and must be compatible with the continuance of ESHA areas. The policies state that a setback buffer shall be required separating all permitted development from adjacent sensitive habitat areas. The buffer size depends on the resource and varies between 25 to 250 feet. These policies have been in place under the existing Arcata General Plan 2020, and implementation of the General Plan 2045 would not cause a substantial adverse effect on riparian or other Sensitive Natural Community (ESHA) due to the protective policies in the General Plan 2045. Therefore, a less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact BIO-c: Would adoption and implementation of the General Plan have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Wetlands are protected under the federal Clean Water Act and state Porter-Cologne Act. The Clean Water Act regulates jurisdictional aquatic resources considered “Waters of the U.S.”, and the Porter Cologne Act regulates jurisdictional aquatic resourced considered “Waters of the State.” These definitions have the potential to change over time, by federal and state administration, and by case law. Typically, Waters of the State is a broader definition than Waters of the U.S., and as a result, wetlands in California remain protected at a high caliber compared to wetlands in other states. All projects that dredge, fill, or modify a wetland or other aquatic resource considered a Water of the U.S. and/or Water of the State would be required to obtain permits and likely to perform mitigation to offset impacts to the aquatic resources impacted under the project.

In addition to federal and state regulations, the proposed General Plan 2045 contains policies RC-2 and RC-3 which regulates waterways and wetlands. The objective of Policy RC-2 (Streams Conservation and Management) is to “enhance, maintain and restore the biological integrity of entire stream courses (headwaters to mouth) and their associated riparian habitats, as natural features in the City’s landscape”, and the objective of RC-3 (Wetlands Management) is to “protect existing wetlands areas and their functional capacities and values,

maintain a standard of “no net loss” in area and value, restore degraded wetland areas, enhance wetlands functions, and create additional wetland areas to replace historical losses.”

Policy RC-3a requires all proposed development applications to include a site plan showing the location of any wetlands that exist on the subject property. The reconnaissance-level and delineation-level mapping is to be conducted by a professional or technical expert qualified in wetlands science. Policies RC-3b,-3d, -3e, -3f, -3i, -3j, -3k, -3l remain unchanged since the General Plan 2020 and include details on when filling a wetland is permitted within and outside of the Coastal Zone, allowable land uses within Environmental Buffer Areas (which are either a 50 to 100-foot setback between wetlands and development), requirements that protections will be applied to Wetland Protection Areas and review and approval of projects affecting Environmental Buffer Areas, management of the Arcata marsh, minimum mitigation requirements for wetland impacts, maintenance requirements for wetland functional capacity, and land uses allowed in diked former tidelands. Policies RC-3c, and -3g have minor text updates to them and are functionally equivalent to the General Plan 2020 RC-3c and -3g policies.

Similarly, sub-policies RC-2a through RC-2f are unchanged from the General Plan 2020, and policies RC-2g, and -2h have had minor updates. These policies include protections to streams via designation of protected streams, Environmental Buffer Areas, allowable uses within Environmental Buffer Areas, the Wetland and Stream Protection Combining Zone, review and approval of projects affecting streamside protection areas, conservation easements (as a protective tool), guidelines of stream maintenance and restoration of degraded creek resources.

The majority of policies regulating wetlands and waterways are unchanged from the General Plan 2020, and no substantial updates to policies regulating these resources are proposed. Policies were amended to remove language that is already codified in the zoning ordinance; the language changes do not affect the impact of the policy. Therefore, implementation of the General Plan 2045 would not cause a substantial adverse effect to federally protected wetlands or other waterways because of the strong protective measures already in place. A less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact BIO-d: Would adoption and implementation of the General Plan interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Numerous General Plan 2045 policies uphold biological and ecological integrity. The vast majority of these policies were included in the General Plan 2020 and underwent minor to moderate revisions between the 2020 and 2045 General Plans. The current General Plan 2045 policies that uphold biological and ecological integrity that would protect wildlife habitat and migration include:

- OS-1a: Designation of open space lands with native biotic resources and ecosystems
- OS-1b: Open Space Plan Map
- OS-1d: Linkages between open space areas
- OS-1e: Appropriate uses and development limitations within open space lands
- OS-1g: Public and private ownership and management of open space
- OS-1h: Greenbelt
- OS-1i: Additional open space area identification and acquisition
- OS-2a: Open space plan map designations for natural resource protection

- OS-2b: Development limitations and management for maintenance of biotic resources and diversity, including aquatic resources and sensitive habitats
- OS-3a: Designations for forest, agriculture, fisheries, aquaculture, groundwater, and mineral resource uses and management
- OS-3b: Development limitations and management for productive resource areas
- RC-1a: Maintain biological and ecological integrity
- RC-1b: Non-native plant and animal species
- RC-1c: Protection of Environmentally Sensitive Habitat Areas
- RC-1d: Identification of Environmentally Sensitive Habitat Areas
- RC-1e: Threshold of City review for sensitive habitat effects
- RC-1f: Sensitive habitat buffer requirement
- RC-1g: Sensitive habitat information required in development application review
- RC-1h: Habitat integration for ecological integrity and development of a protected habitat corridor system
- RC-1i: Use of biocides and other compound with biological consequences
- RC-2a: Designation of protected streams
- RC-2b: Environmental Buffer Area (EBA)
- RC-2c: Allowable uses and activities in Environmental Buffer Areas
- RC-2d: The Wetland and Stream Protection Combining Zone (WSP) Zone
- RC-2e: Review and approval of projects affecting streamside protection areas
- RC-2f: Conservation easement
- RC-2g: Maintenance of streams as natural drainage systems
- RC-2h: Restoration of degraded creek resources
- RC-3a: Requirement for wetland delineation and study
- RC-3b: Filling of wetlands
- RC-3c: Designation of Environmental Buffer Areas (EBA)
- RC-3d: Allowable uses and activities in Environmental Buffer Areas
- RC-3e: Wetland and Stream Protection Combining (WSP) Zone
- RC-3f: Review and approval of projects affecting Environmental Buffer Areas
- RC-3g: Conservation easements
- RC-3h: Designation of wetland protection zones
- RC-3i: Management of Arcata Marsh for wetlands values as well as wastewater treatment
- RC-3j: Minimum mitigation requirement for wetland impacts
- RC-3k: Wetland functional capacity maintenance requirement
- RC-3l: Uses allowed in diked/reclaimed former tidelands
- RC-4a: Protection of open waters/tideland areas of Arcata Bay
- RC-4c: Coastal-dependent and public trust uses of Arcata’s tidelands

- RC-4d: Diking, dredging, filling and shoreline structures
- RC-4e: Aquaculture use of coastal wetlands/tidelands
- RC-5c: Permanent protection for agricultural lands
- RC-6a: Management of Arcata Community Forest
- RC-6b: Management of Jacoby Creek Forest
- RC-6c: Allocation of forest fund revenues
- RC-6d: Management practices for private timberlands
- RC-6e: Timber harvest plans
- RC-6f: Urban conversions
- RC-6g: Setbacks
- RC-6h: Monitoring
- D-3e: Arcata Bay – Open waters, shoreline and tidal marshes
- D-3i: Streamside riparian areas
- D-4d: Retention of natural features

One policy in particular, Policy RC-1a, states “ecological systems and natural processes are not to be disrupted by land use activities to a significant degree (e.g., a culvert or other drainage device that blocks fish passage).” This policy would be applied to all projects and would therefore protect wildlife movement. The policies listed above include provisions to protect native vegetation, implement Environmental Buffer Areas around sensitive habitat, protect working lands (which typically provides wildlife habitat), limit urban conversion, and protect waterways and riparian corridors, which collectively protect ecological corridors and thus wildlife movement. Due to the minor revisions of these policies between the General Plan 2020 and proposed General Plan 2045, substantial deviations from the existing high biological integrity are not anticipated to occur under the General Plan 2045.

However, a component of the General Plan 2045 that is substantially different from the General Plan 2020 includes development of four to eight story buildings in the Gateway Area. This aspect may impact migratory and resident bird species, as they may have the potential to strike structures. Although there are pockets of high quality habitat throughout the urbanized area of the City, including within the southwestern portion of the Gateway Area boundary, in general the Gateway Area does not currently provide high quality bird habitat. This is based upon the fragmented and highly disturbed state of suitable habitat and the presence of operating urban industries and structures with industrial effects such as noise and glare. However, the Gateway Area is adjacent to areas with habitat features that support migratory, common, and special status birds, such as the Arcata Marsh, shorelines of the Pacific Ocean, and open areas. Additionally, the Gateway Area is within the Pacific Flyway for migratory birds.

The main impact to bird species would presumably be collisions with or due to the proposed four to eight story buildings. Low-rise buildings are considered four to eleven story buildings, and 56% of bird collisions with low rises resulted in mortality (Loss et al. 2014). Bird-window collisions (also known as bird strikes) are more likely to occur in buildings with extensive glass due to the reflectivity (Audubon 2020, Klem et al. 2009). The height of vegetation present and the amount of light emitted from windows are other factors that contribute to bird collisions (Klem et al. 2009, Ogden 2002). A wide variety of bird species, with varying foraging ecologies, have been reported to strike buildings (Loss et al. 2014). Common and urban adapted species, such as the Dark-eyed Junco (*Junco hyemalis*) and Song Sparrow (*Melospiza melodia*), occur in Arcata and are some of the most commonly reported species to strike buildings (eBird 2023, Loss et al. 2014). Minimizing the proportion of glass to other building materials, minimizing light emission at night, reducing reflective windowpanes, angling windows to reduce reflection, reducing ground cover, and eliminating shrubs and trees from in front of buildings and

windows are all tactics that may decrease the amount of bird collisions (Klem et al. 2009, Loss et al. 2014). Additionally, a recent study found that a UV-reflective film on glass reduced bird collisions (Zyśk-Gorczyńska and Żmihorski 2022). Leadership in Energy and Environmental Design (LEED) certification standards utilize at least one of these approaches, and therefore LEED-certified building would be another approach to reduce bird collision risks (Klem 2009).

To reduce this potential impact, bird-safe glass would be required on all new construction in the Gateway Area where glass or other rigid transparent material occupies 35 percent or more of the building façade, per Gateway Code section 9.29.050. Bird-safe glazing must meet the conditions outlined in the Gateway Code, which require either a patterned glazing treatment or an American Bird Conservancy Threat Factor Rating of 30 or less. With inclusion of bird-safe glass and design parameters, the number of bird-window collisions would be reduced as compared to structures without these features. With inclusion of these policies, a less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact BIO-e: Would adoption and implementation of the General Plan conflict with any local policies or ordinances protecting biological resources such as a tree preservation policy or ordinance?

Predominantly minor revisions have occurred between the General Plan 2020 and General Plan 2045 regarding protections to biological resources, with the exception of the removal of Policy D-3i (Preservation of hedgerows [windrows, or rows of trees]). This policy included language to preserve aesthetic rows of trees specifically planted to act as a windbreak or to serve another purpose, such as privacy, and included specific locations of trees to be preserved. Tree species identified in this policy included predominantly non-native species (cypress, elm, eucalyptus) and the purpose of the policy was intended to protect scenic resources as “important aesthetic components of the built environment”, not as habitat value. These protections to hedgerows are no longer specifically offered through the General Plan. However, the removal of trees would continue to be regulated by existing Arcata City code either via either ministerial or discretionary action. The ministerial permit for tree removal applies to the removal of four or fewer trees within a 10-year period in an area of less than three acres, and a discretionary permit for tree removal applies to all other tree removals (City of Arcata 2020). A Tree Removal Permit must be obtained for the removal, relocation, cutting down, topping or other acts that cause destruction on any tree for tree(s) with a diameter greater than 16-inches or more, or a group of 30 or more trees with diameters more than ten inches, per Chapter 9.58.040 (City of Arcata 2020). Tree removal also requires the City to make the finding that tree(s) to be removed do not contain active nesting or roosting sites that have been identified through the review process or are otherwise known to the review authority as the nests of a listed bird species or bird species of special concern, as determined by a qualified biologist via site visit.

In the absence of Policy D-3i, existing policies in place provide adequate protections to trees via Land Use Code review of proposed tree removal and issuance of either ministerial or discretionary Tree Removal Permits. Therefore, implementation of the General Plan 2045 would not conflict with local policies or ordinances protecting biological resources, including tree preservation policies. A less than significant impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact BIO-f: Would adoption and implementation of the General Plan conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Northern Spotted Owl Habitat Retention Agreement (City of Arcata 2008) establishes management commitments to maintain and enhance Northern Spotted Owl habitat in the City's Non-industrial Timber Management Plan areas. The General Plan 2045 includes the Resource Conservation and Management Element Policy RC-6a (Management of Arcata Community Forest) that states that wildlife habitat is managed to promote species diversity and to ensure that populations of indigenous species are maintained. This can best be achieved through the maintenance and enhancement of habitat values. Habitat values that lead to species diversity include the following elements: breeding, foraging, watering, rearing, hiding and thermal cover. This management policy applies to Arcata Community Forest (RC-6a) and Jacoby Creek Forest (RC-6b). Additionally, Policy RC-6 (Urban conversions) discourages urban conversions within the Urban Services Boundary, protecting forest habitat.

The Humboldt Bay National Wildlife Refuge Comprehensive Conservation Plan (USFWS 2009) outlines the purpose(s), vision, goals and objectives of the Humboldt Bay National Wildlife Refuge. The northern 19 acres of the approximate 62-acre Jacoby Creek unit are within the study area. The entire Humboldt Bay National Wildlife Refuge is approximately 5,000 acres. The proposed General Plan contain policies which uphold ecological integrity and do not conflict with the Comprehensive Conservation Plan.

There are no additional adopted Habitat Conservation, Community Conservation, or approval local, regional, or state habitat conservation plans that apply to the study area. Due to the stewardship practices the General Plan 2045 upholds that align with the Northern Spotted Owl Habitat Retention Agreement, there would be no impact.

Mitigation Measures: No mitigation is necessary.

Level of Significance: No impact

5.3.7 Cumulative Impacts

Impact BIO-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to biological resources?

All projects listed on Table 1.10-1 would be required to obtain environmental permits and mitigate for impacts to biological resources. The General Plan 2045 includes protective policies to biological resources that do not deviate substantially from the General Plan 2020. Therefore, a substantial difference in management and protections of biological resources between the two General Plans is not anticipated to occur.

It is expected that bird strikes could occur from the addition of low-rise buildings, which for the purposes of this analysis are considered four to eleven story buildings (Loss et al. 2014). There are various strategies that can be implemented to reduce impacts. These include minimizing the proportion of glass to other building materials, minimizing light emission at night from windows, reflective windowpanes, angling windows to reduce reflection, and reducing or eliminating ground cover, shrubs, and trees from in front of buildings and windows. The use of bird-safe glass techniques, such as a UV-reflective film on glass, and the inclusion of LEED building certification standards are other approaches to reduce bird collision risks.

At present, there are no other planned projects that include four to eight story buildings thereby presenting a potential cumulative impact to biological resources, particularly birds. However, it is possible that over time more multi-story buildings will be proposed around Humboldt Bay.

With adherence to applicable federal, state, and local regulations governing biological resources and compliance with the proposed General Plan 2045 policies indicated above, the potential risks associated with biological resources in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

5.3.8 References

Audubon. 2020. Building Collisions Are a Greater Danger for Some Birds Than Others. Available at: https://www.audubon.org/news/building-collisions-are-greater-danger-some-birds-others. Accessed August 2, 2023.

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City of Arcata. 2020. Tree Removal Information and Checklist. Available at: https://www.cityofarcata.org/DocumentCenter/View/5819/Tree-Removal-Info-and-Checklist?bidId=#:~:text=A%20Tree%20Removal%20Permit%20must,040. Accessed August 1, 2023.

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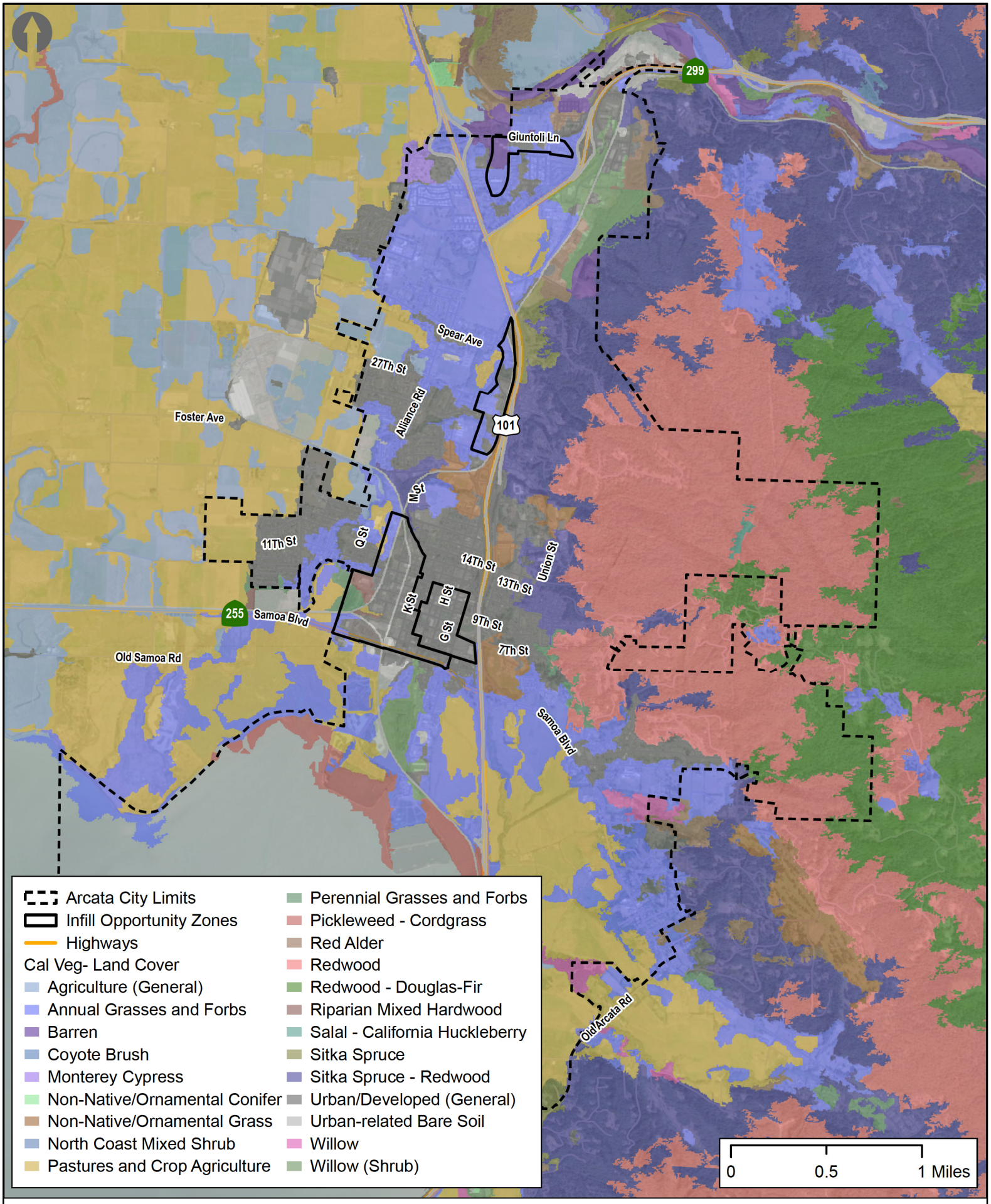

Figure 5.3-1: Cal Veg - Land Cover Classification

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

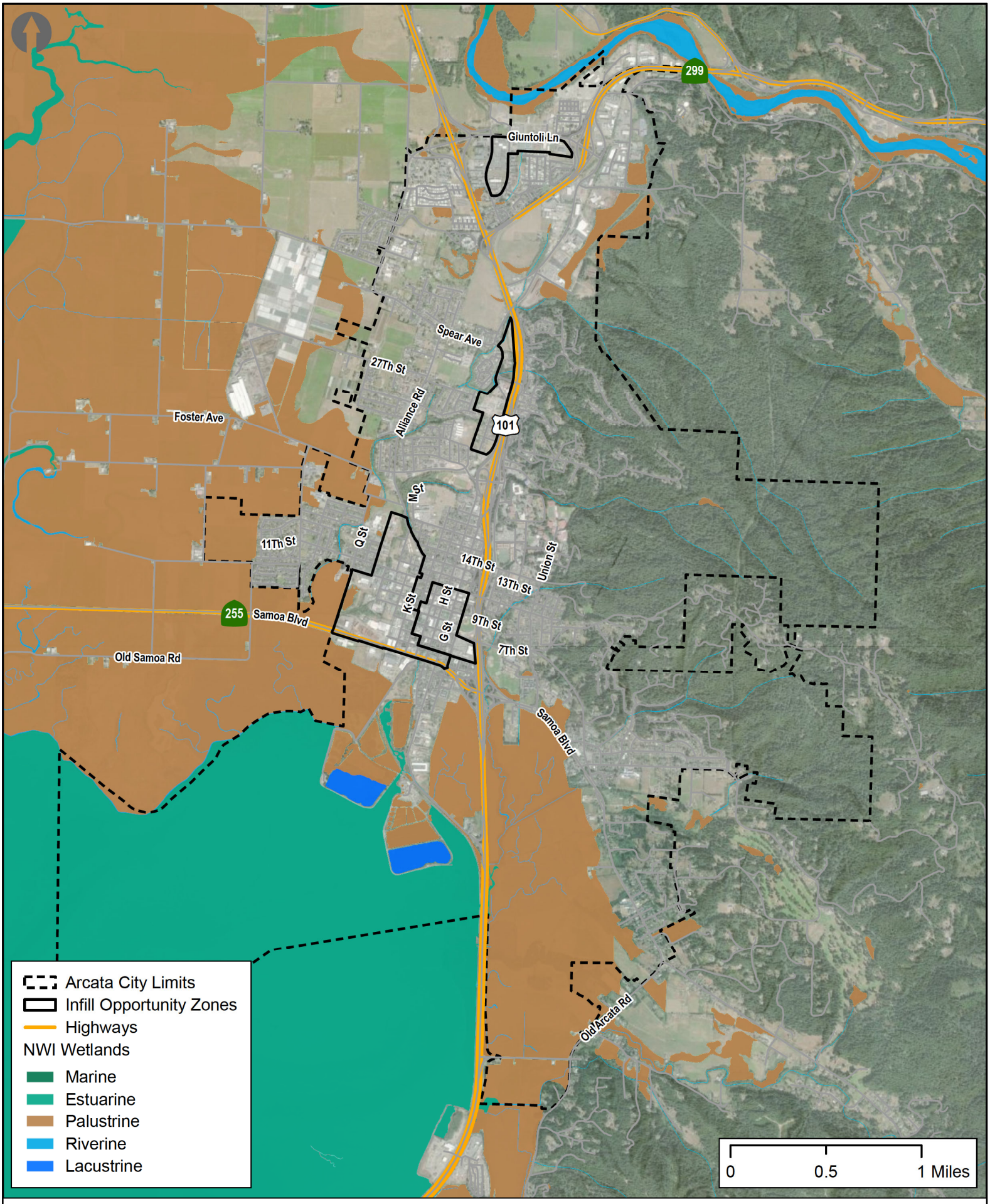

Figure 5.3-2: National Wetlands Inventory

Created by GHD
Map Date: 8/29/2023

Source: Source: USFWS, Esri, Esri, NASA, NGA, USGS, FEMA, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

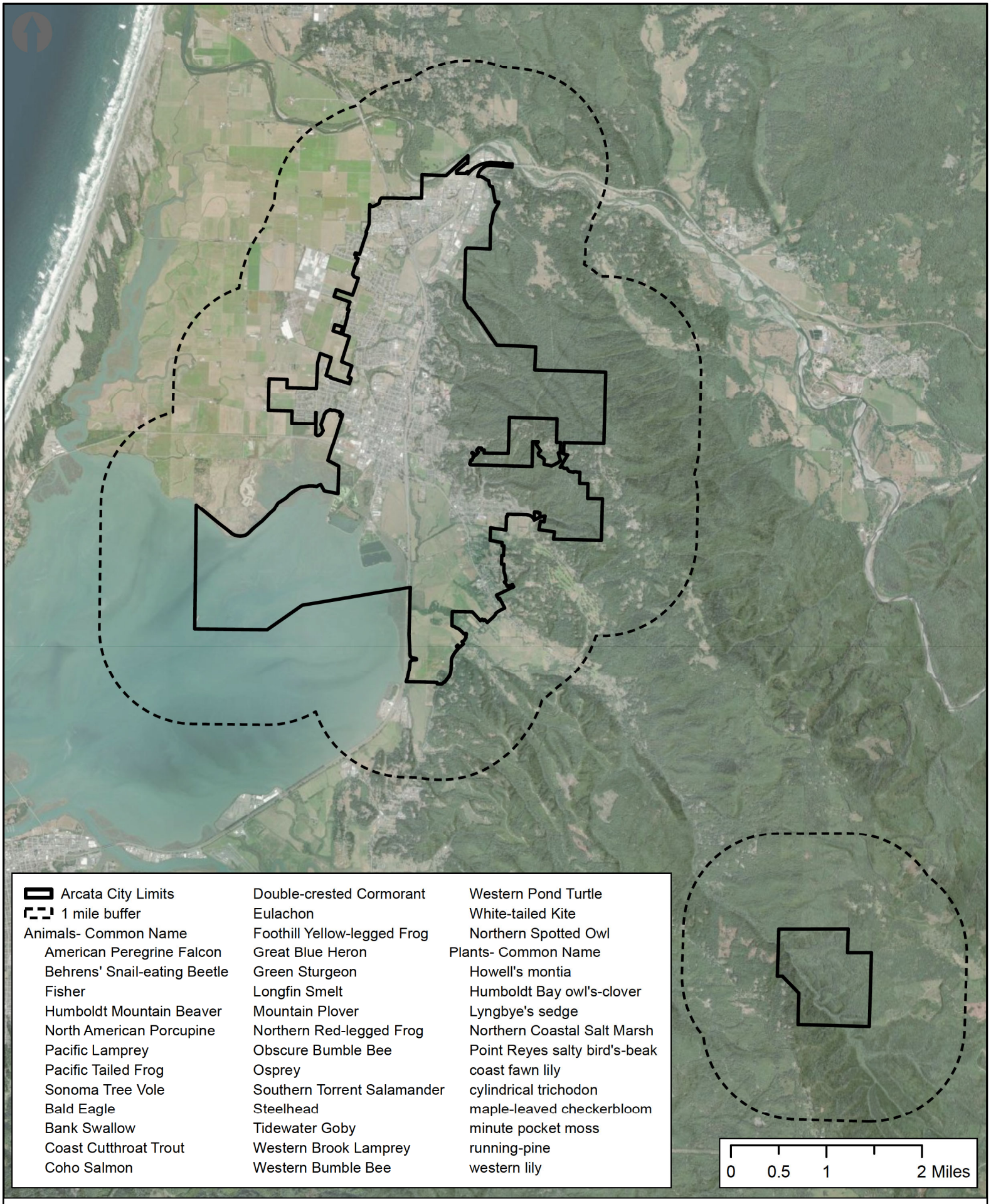

Figure 5.3-3: CNDDB Occurrences within a 1 mile radius of the City of Arcata

Created by GHD
Map Date: 8/29/2023

Source: Esri, NASA, NGA, USGS, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

5.4 Geology and Soils

This section evaluates the potential impacts related to geology and soils resulting from adoption and implementation of General Plan 2045. To provide the basis for this evaluation, the Setting section below describes the geology and soils setting. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts of geology and soils resulting from adoption and implementation of General Plan 2045, and identifies the significance of impacts.

Multiple comment letters and public meeting comments were received in response to the Notice of Preparation circulated for the proposed General Plan 2045 related to geology and soils. Comments focused on risks to local life and safety and environmental risks with building within earthquake hazard zones, and associated seismic and ground shaking activity, including soil liquefaction, and risks of building additional structures within the identified tsunami hazard zone. Comments related to risks of earthquake hazard zones, and associated seismic and ground shaking activity, including soil liquefaction are addressed below and comments related to tsunami hazard zone evacuation areas and protocols are addressed in Section 3.6 (Hazards and Hazardous Conditions).

The Project is located on generally flat bottomlands and gently sloping hillsides between agricultural lands to the west, forested hillslopes to the east, the Mad River to the north, and Humboldt Bay to the south. Soils within the City limits are variable and have been predominantly disturbed and compacted due to prior City developments and improvement activities and from adjacent residences, businesses, and schools, and associated utility infrastructure. As noted in Chapter 2 - Project Description, the City would adhere to recommendations from project-level investigations, and policies of the General Plan as part of future development guided by the General Plan 2045.

5.4.1 Study Area

For impact assessment related to geology and soils, the City limits were used as the study area. The four proposed infill opportunity zones are discussed in more specific detail in addition to a broad review of Citywide Geology and Soils, since these are anticipated to be the areas of most intensive redevelopment during the planning period of the General Plan 2045 (see Figure 2-3B – Proposed Zoning and Infill Opportunity Zones).

5.4.2 Setting

Regional Geological Setting

The Humboldt Bay region occupies a complex geologic environment characterized by very high rates of active tectonic deformation and seismicity. The region lies just north of the Mendocino Triple Junction, the intersection of three crustal plates (the North American, Pacific, and Gorda plates). North of Cape Mendocino, the Gorda plate is being actively subducted beneath North America, forming what is commonly referred to as the Cascadia subduction zone. In the Humboldt Bay region, deformation along the continental margin occurs as a series of northwest-trending, northeast-dipping thrust faults, and intervening folds. The geomorphic landscape of the Humboldt Bay region is largely a manifestation of the active tectonic processes and a dynamic coastal environment setting.

Local Geological Setting

Arcata is located within the Coast Ranges Geomorphic Province of California, which is characterized by subparallel north- to northwest-trending mountain ranges and intermountain and coastal alluvial valleys and plains. Topography in the province is controlled by the predominant geological structural trends within the Coast Range that generally consist of northwest trending synclines, anticlines, and faulted blocks.

The parcels within the Infill Opportunity Zones are each located in relatively different geological and soil bearing settings. The Gateway and Downtown Infill Areas are at the lowest in elevation ranging from approximately 15 to

25-feet above sea level located at the eastern edge of a broad, coastal alluvial plain to the west ("Arcata Bottom") and bordered by the northeastern portion of Humboldt Bay to the south. The Craftsman Mall Area is the highest in elevation area ranging from approximately 45 to 70-feet above sea level in an upland and uplifted beach terrace and continental depositional environment near the transition to the eastern forested uplands that rapidly rise in elevation. The Valley West Area adjoins the northernmost City limits near the Mad River at an elevation of approximately 40 to 45-feet above sea level and lies within the young Mad River alluvial terrace and adjacent to the broader coastal alluvial plain to the west.

The southernmost boundary, within a couple of blocks to the north and directly south of Samoa Boulevard in the Gateway and Downtown Infill Zones, includes recent Holocene and Pleistocene aged soils derived primarily from mud and silt sediments associated with a former bay environment. The soils are relatively thin and are directly underlain by bay mud, silt, and fine sand units up to several hundreds of feet in thickness. The coastal alluvial plains west and southeast of the study area is a result of historic fluvial deposition from Humboldt Bay (to the south) and vicinity creeks such as Jacoby and Janes Creeks from the east, and Mad River flooding events coming from the north and east.

The Valley West Infill Zone is primarily located on a Holocene Mad River terrace and borings completed here describe fine to coarse grained sediments derived from historical flood events and overbank deposition throughout the vicinity. The coastal plain north of Humboldt Bay and west of the Gateway and Downtown Infill Zones is commonly referred to as the "*Arcata Bottom,*" and is underlain by an unknown thickness of mostly finer (silt and clay) alluvial sediments. Borings from the Arcata Bottom coastal plain have typically encountered less than 100 feet of recent alluvial sediment, but there may be structural or depositional complexities in the subsurface that could influence overall alluvial thickness beneath any particular site. The age of the alluvial plain sediments is not currently known but likely a mix of Holocene and Pleistocene ages. The deeper sediments are likely to be Pleistocene in age and older at depth. The upper sediments are interpreted to be early to middle Holocene in age, reflecting the post-glacial rise in sea level during that period. The depth of the transition from Holocene to Pleistocene age sediments beneath the Arcata Bottom is not known.

The Craftsman Mall Infill Zone is the topographically highest in elevation Infill Opportunity Zone and in the central to northern portion of the City limits. This is most likely to be Pleistocene aged alluvium and other continental derived unconsolidated sedimentary deposits as silt, sand and gravel with a mixing of Pleistocene aged marine terrace deposits as silt and fine sand.

In general, the portion of the study area located west of the forested hillsides that occur east of Highway 101 predominantly contains quaternary alluvium comprised of non-marine and marine parent material (Humboldt County 2002), which was described in more detail above within the Infill Opportunity Zones. The forested hillside to the east is underlain by Pliocene marine sedimentary rock (Humboldt County 2002).

Soils within the Study Area

Soils within the study area are tentatively mapped by the Natural Resources Conservation Service (NRCS) and consist of a variety of soil types and mostly derived from marine and fluvial terrace materials along with bay margin and alluvial terrace silt and sand materials as described above and listed below (see Figure 5.4-1 –Infill Opportunity Zones NRCS Soils).

Soils within the Gateway and Downtown Area Infill Opportunity Zones

The Gateway and Downtown Areas both have the marine terrace derived Timmons and Lepiol Soils and Lepoil-Candymountain Complex Soils, which are relatively deep, well drained, sandy clay loams. The Gateway Area additionally contains: the silty clay loam and poorly drained Jollygiant soil in the central and northwestern portion (Gateway Hub); the gravelly to sandy loam moderately well drained Urban Land-Anthraltic Xerorthents Association Soils predominantly in the Gateway Barrel District and likely including an extensive modification of the site soils, including reworking of the upper soil horizons and placement of a significant amount of imported fill; and the salt marsh/bay derived peat to silty clay loam with very poorly drained Occidental Soil likely underneath portions of the southernmost Gateway Barrel District and all along both sides of Samoa Boulevard.

Soils within Craftsman Mall Area Infill Opportunity Zone

The Craftsman Mall Area predominantly includes relatively deep, well drained, sandy clay loam marine terrace derived Timmons and Lepiol Soils in the southern, central, and northern portions. The Craftsman Mall Area also contains a minor amount of the alluvial derived, relatively deep, well drained, silt loam of the Dungan Soils.

Soils within Valley West Area Infill Opportunity Zone

The Valley West Area soils contain both equal portions of the alluvial derived, relatively deep, well drained, silt loam of the Dungan Soils and the fluvial-alluvial derived, moderately drained, silty to sandy loam of the Mad River Soils.

Soils within the Remaining Study Area

Soils within the remaining study area are predominantly a mix of alluvial bottomland soils (Swainslough), forested upland soil predominantly comprised of: Lepoil-Candymountain, Lepoil-Espa-Candymountain, Coppercreek-slidecreek-tectah complex soils, and urban lands. See Figure 5.4-2 – City of Arcata-NRCS Soils for location of all soil types in the study area. In general, soils located in the western portion of the study area are alluvium derived and are more productive for agriculture than soils in the eastern portion of the study area located along forested hillsides.

Regional Seismic Setting

The Project is located in a complex, dynamic tectonic setting. Due to the dynamic crustal deformation associated with location near the Mendocino Triple Junction, there is a high level of seismicity in the region; the north coast region of California is the most seismically active region in the continental United States. Over sixty earthquakes have produced discernible damage in the region since the mid-1800s (Dengler et al. 1992). Historic seismicity and paleoseismic studies in the area suggest there are six distinct sources of damaging earthquakes in the Humboldt Bay region: 1) the Gorda Plate; 2) the Mendocino fault; 3) the Mendocino Triple Junction; 4) the northern end of the San Andreas fault; 5) faults within the North American Plate (including the Mad River fault zone); and 6) the Cascadia Subduction Zone (Dengler et al. 1992).

Earthquakes originating within the Gorda Plate account for the majority of historic seismicity. These earthquakes occur primarily offshore along left-lateral faults and are generated by the internal deformation within the plate as it moves toward the subduction zone. Significant historic Gorda Plate earthquakes have ranged from magnitude 5.0 to 7.5. The November 8, 1980, earthquake (magnitude 7.2) was generated 30 miles (48 km) off the coast of Trinidad, on a left-lateral fault within the Gorda Plate.

The Mendocino fault is the second most frequent source of earthquakes in the region. The fault represents the plate boundary between the Gorda and Pacific plates, and typically generates right lateral strike-slip displacement. Significant historic Mendocino fault earthquakes have ranged in magnitude from 5.0 to 7.5. The September 1, 1994, magnitude 7.2 event originating west of Petrolia was generated along the Mendocino fault. Available data suggests the maximum magnitude earthquake for the Mendocino fault is magnitude 7.4 (CDMG/USGS, 1996).

The Mendocino Triple Junction was identified as a separate seismic source only after the magnitude 6.0 August 17, 1991 earthquake. Significant seismic events associated with the Triple Junction are shallow onshore earthquakes that appear to range from magnitude 5.0 to 6.0. Raised Holocene age marine terraces near Cape Mendocino suggest larger events are possible in this region.

Earthquakes originating on the northern San Andreas Fault are extremely rare but can be very large. The northern San Andreas Fault is a right lateral strike-slip fault that represents the plate boundary between the Pacific and North American plates. The fault extends through the Point Delgada region and terminates at the Mendocino Triple Junction. The 1906 San Francisco earthquake (magnitude 8.3) caused the most significant damage in the north coast region, with the possible exception of the 1992 Petrolia earthquake (Dengler et. al. 1992).

Earthquakes originating within the North American plate can be anticipated from a number of intraplate sources, including the Mad River fault zone and Little Salmon fault. There have not been large magnitude earthquakes associated with faults within the North American plate, although the December 21, 1954 magnitude 6.5 event may have occurred in the Mad River fault zone. Damaging North American plate earthquakes are expected to range in magnitude from 6.5 to 8.0.

The study area, specifically the Gateway and Downtown Infill Opportunity Areas, lies within the defined fault zone of the “accurately located” Fickle Hill fault, which trends northwest-southeast (DOC 2023). The Valley West Area is located approximately ½ mile south of the Mad River fault.

The Little Salmon fault, located south of Eureka, appears to be the most active fault in the Humboldt Bay region, and is capable of generating very large earthquakes. The Little Salmon fault is a northwest-trending, southwest-vergent reverse fault. Paleoseismic studies of the Little Salmon fault indicate that the fault deforms late Holocene sediments at the southern end of Humboldt Bay (Clarke 1992). Estimates of the amount of fault slip for individual earthquakes along the fault range from 15 to 23 feet (4.5 to 7 meters). Radiocarbon dating suggests that earthquakes have occurred on the Little Salmon fault about 300, 800, and 1,600 years ago. Average slip rate for the Little Salmon fault for the past 6,000 years is between six and ten mm/yr. Based on currently available fault parameters, the maximum magnitude earthquake for the Little Salmon fault is thought to be between 8.0 (CDMG/USGS, 1996) and 8.3 (Geomatrix Consultants 1994).

The Cascadia Subduction Zone represents the most significant potential earthquake source in the north coast region. A great subduction event may rupture along 200 km or more of the coast from Cape Mendocino to British Columbia, may be up to magnitude 9.5, and could result in extensive tsunami inundation in low-lying coastal areas (Clarke 1992). The April 25, 1992 Petrolia earthquake (magnitude 7.1) appears to be the only historic earthquake involving slip along the subduction zone, but this event was confined to the southernmost portion of the fault. Paleoseismic studies along the subduction zone suggest that great earthquakes are generated along the zone every 300 to 500 years. Historic records from Japan describing a tsunami thought to have originated along the Cascadia Subduction Zone suggest the most recent event occurred on January 27, 1700. A great subduction earthquake would generate long duration, very strong ground shaking throughout the north coast region.

5.4.3 Regulatory Framework

Federal

There are no federal policies or regulations relevant to the Project for geology and soils.

State

Alquist-Priolo Earthquake Fault Zoning Act

The Alquist-Priolo Earthquake Fault Zoning Act (California Public Resources Code, Division 2, Chapter 7.5) was passed in 1972 to mitigate the hazard of surface faulting (i.e., ground rupture) to structures designed for human occupancy (CGS 2018). Title 14 of the California Code of Regulations (CCR), Section 3601(e), defines buildings intended for human occupancy as those that would be inhabited for more than 2,000 hours per year. In accordance with the Alquist-Priolo Act, the State Geologist is responsible for delineating regulatory zones, called “earthquake fault zones,” around the surface traces of faults that exhibit evidence of ground rupture during the Holocene Epoch (i.e., the last ~11,700 years). These zones are depicted on USGS 7.5-minute topographic quadrangle maps and published by the CGS. Because many active faults are complex and consist of more than one branch, earthquake fault zones can extend several hundred feet on either side of the mapped fault trace. Within these zones, buildings for human occupancy cannot be constructed unless the building site has been formally investigated by a Professional Geologist who has prepared a geologic report demonstrating that the proposed structure would not lie astride the trace of an active fault.

The study area lies within the Mad River Fault Zone, which contains several faults of poorly known recent seismic activity. One of which is the Fickle Hill Fault that projects through the study area including both the northeastern

portions of the Gateway and Downtown Area Infill Zones (see Figure 5.4-3 – City of Arcata – California Geological Survey Alquist Priolo Zones & Potential Liquefaction). The Fickle Hill Fault is considered an Alquist-Priolo Earthquake Fault Zone (CGS 2023). The possibility of discovering new earthquake fault zones within the study area is a distinct possibility considering the region's history of tectonic activity. The Project does include construction or ongoing use of buildings that meet the criterion for human occupancy around or within the identified Alquist-Priolo Earthquake Fault Zones. Therefore, the regulatory provisions of the Alquist-Priolo Act do apply to the Project.

Seismic Hazards Mapping Act

Like the Alquist-Priolo Act, the Seismic Hazards Mapping Act of 1990 (Public Resources Code [PRC] Sections 2690 to 2699.6) is intended to reduce damage resulting from earthquakes. More specifically, the act sets forth a statewide minimum public safety standard such that buildings for human occupancy do not collapse in response to an earthquake (CGS 2008). While the Alquist-Priolo Act addresses surface fault rupture, the Seismic Hazards Mapping Act addresses other earthquake-related hazards, including strong ground shaking, liquefaction, and seismically-induced landslides. Its provisions are similar in concept to those of the Alquist-Priolo Act in that the State Geologist is charged with identifying and delineating areas at risk of strong ground shaking, liquefaction, landslides, and other corollary hazards. Counties and cities are then tasked regulating development within the mapped Seismic Hazard Zones. In particular, cities and counties are prohibited from issuing development permits for sites within Seismic Hazard Zones until appropriate site-specific geologic and/or geotechnical investigations have been conducted by a state-licensed engineering geologist or civil engineer, and measures to reduce potential damage have been incorporated into the development plans.

Official Seismic Hazard Zone Maps have not yet been prepared for all parts of the State, and the Humboldt Bay area (which contains the study area) is one of the regions that has not been completely mapped for seismic hazards such as liquefaction and landsliding. Humboldt County's Web GIS contains generalized geologic hazard (e.g., liquefaction and landslides) zoning delineations and uses that information as part of the decision-making process in the issuance of County building permits.

California Building Code

The State of California provides minimum standards for building design through the California Building Code (CBC 2019). The CBC applies to building design and construction in the state and is based on the 2018 International Building Code that is in use or has been adopted in the 50 U.S. states. In other words, the CBC represents a modification of the International Building Code unique to the needs and conditions of California. Seismic safety and structural design requirements are set forth in CBC Chapter 16. Chapter 18 provides criteria for geotechnical and structural considerations related to the investigation of soils as well as the design and construction of foundations and retaining walls. Appendix J regulates earthwork grading activities including drainage and erosion control, and construction on unstable soils such as those subject to expansion and liquefaction.

California Public Resources Code

As part of the determination made pursuant to PRC Section 21080.1, the lead agency must determine whether a project would have a significant effect on paleontological resources.

Several sections of the PRC protect cultural resources and PRC Section 5097.5 protects vertebrate paleontological sites located on public land. Under Section 5097.5, no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface any prehistoric ruins, vertebrate paleontological site (including fossilized footprints), or any other paleontological, or historical feature situated on public lands, except with the express permission of the public agency that has jurisdiction over the lands. Section 30244 of the PRC requires reasonable mitigation for impacts on paleontological and archaeological resources that occur as a result of development on public lands.

California Coastal Act

The Project Area is within the Coastal Zone. The California Coastal Act contains policies relevant to paleontological resources. The following Coastal Act section is relevant to this analysis:

> ***Public Resources Code Section 30244 Archaeological or paleontological resources***
>
> *Where development would adversely impact archaeological or paleontological resources as identified by the State Historic Preservation Officer, reasonable mitigation measures shall be required.*

Regional and Local

City of Arcata General Plan 2020

The General Plan 2020 contains the following policies relating to geology and soils in the Resource Conservation & Management Element and the Public Safety Element.

According to Figure PS-a (Hazards Map) in the General Plan 2020 Public Safety Element, the study area contains portions considered to have moderate liquefaction potential, with small areas considered to have high liquefaction potential.

> ***Policy RC-9: Soils and Mineral Resources***
>
> ***Objective.*** *Conserve and manage soil and mineral resources.*
>
> *Applicable sub-policies:*
>
> - ***RC-9a: Erosion control measures on slopes and other areas of instability.*** *Policy PS-3 – other Geologic Hazards in the General Plan Public Safety Element includes provisions for protecting steep and unstable slopes, and minimizing erosion and sedimentation. This policy shall be followed as a safety precaution and also to conserve soil resources.*
>
> ***Policy PS-2: Seismic Hazards***
>
> ***Objective.*** *Protect existing and new structures from seismic hazards. Identify and map seismic hazards and assure that any development within such hazard areas does not proceed until geologic and soils conditions are adequately investigated and appropriate geotechnical recommendations, if any, are incorporated into development plans.*
>
> *Applicable sub-policies:*
>
> - ***PS-2b: Mitigation of ground-shaking hazards.*** *Arcata will experience ground-shaking during an earthquake. The City maintains seismic data files that identify areas where ground-shaking will most likely damage buildings and infrastructure. New construction and renovation shall incorporate the most current and effective seismic engineering measures to strengthen building foundations and infrastructure in these areas.*
> - ***PS-2c: Mitigation of surface rupture and groundshaking hazards.*** *The City's Alquist-Priolo Special Studies Zone map (Figure PS-a) and Geologic Hazard Land Use Matric (Table PS-1) identify areas highly susceptible to surface rupture and groundshaking. Construction in these areas shall be restricted, unless it can be demonstrated, in geotechnical reports prepared by qualified personnel, that structures and facilities can be designed to withstand liquefaction hazards induced by seismic events.*
> - ***PS-2d: Requirement for and review of "Geotechnical Reports"****. New building and infrastructure construction, and substantial renovations in areas with seismic hazards, shall incorporate geotechnical report specified measures into project design. Geotechnical reports shall be required for structures or infrastructure in seismic hazard areas. Required reports, prepared by a registered geologist, certified engineering geologist or registered engineer with expertise in seismic engineering, shall recommend*

mitigation for seismic impacts and identify alternative solutions. The City may require independent review of the geotechnical reports.

- ***PS-2g**: **Earthquake-resistant buildings and infrastructure standards.** The current Uniform Building Code standards for strengthening buildings and infrastructure to withstand earthquakes shall be enforced. The competency of existing road and utility networks shall be evaluated and, where necessary, upgraded to withstand the most current ground acceleration standards.*
- ***PS-2h: Public information and disclosure.** The Humboldt Earthquake Education Information Center at Humboldt State University, and the City of Arcata have earthquake/tsunami awareness information that is available to the public. The Center and the City will continue to make the most current information available to help the community prepare for and respond to seismic events.*

Policy PS-3: Other Geologic Hazards

***Objective.** Protect existing and new structures from non-seismic geologic hazards such as unstable slopes and soils. Require that all non-seismic geologic hazards be adequately addressed and mitigated.*

Applicable sub-policies:

- ***PS-3a: Slope stability hazards.** Slope areas greater than 15%, shown on Figure PS-a, and certain less steep slopes with erosive soils may become unstable if disturbed. The City shall restrict grading, vegetation removal, and new construction in areas with unstable soils unless it can be demonstrated that these activities can occur without impacts. All grading of slope areas shall follow natural contours to maximize stability.*
- ***PS-3b**: **Grading standards for erosion and sedimentation control.** The design, extent, and location of grading shall minimize disturbance of the natural terrain and land features and shall not impact offsite areas. Trees and native vegetation shall be retained around graded areas to stabilize hillsides; retain moisture; reduce erosion, siltation and nutrient runoff; and retain the natural beauty of the area. Cleared areas susceptible to erosion shall be stabilized so that no materials are transported offsite.*
- ***PS-3c: Hillside development standards.** The land areas subject to hillside development standards are shown in Figure PS-a. Development on lands within these areas shall be subject to the following standards:*
  - *Each new lot created in areas subject to hillside development standards shall be required to contain a contiguous buildable area of at least 4,000 square feet. All parts of the building area shall have a natural slope of less than 15%. No more than 4,000 square feet of any existing lot which was legally created prior to adoption of this plan, and does not meet the preceding 15% standard, may be disturbed for development.*
  - *At least 50% of the area of any lot undeveloped as of the date of this plan shall be included in a "natural area" which shall remain in a natural, ungraded, undeveloped state. All slopes in excess of 25% shall be included in the natural area.*
  - *Vegetation removal in the natural area of each lot shall be subject to review and approval by the City.*
  - *All access roads and driveways shall be kept to the minimum feasible width and shall be designed to minimize grading and disruption of vegetation.*
  - *Access roads shall not exceed 15% slope for any distance. Individual driveways shall not exceed 17% slope.*
  - *Access roads or driveways shall be designed to avoid steep slopes and shall not have cuts exceeding fifty feet (50') nor fills exceeding twenty-five feet (25') in height.*

- *The design, scope and location of grading for development should cause the minimum disturbance of the terrain and natural features of the land. Unavoidable grading should complement natural land forms. Mass grading of large pads and terraces shall not be permitted.*
- *All manufactured slopes shall be planted or otherwise protected from the effects of storm run-off and erosion.*
- *Time limits to avoid extensive grading during the wet season shall be imposed on new developments.*
- *Any necessary conditions to control erosion and assure site restoration shall be required by the City. Measures shall include short-term controls to minimize erosion at construction sites and long-term controls for minimizing sedimentation and maintaining water quality.*
- *Development in areas subject to development standards should demonstrate a concern for the view of the hills as well as the view from the hill.*

- ***PS-3d: Slope-density land use restrictions.*** *Slopes greater than 25% are to be designated as natural areas and shall not be included in density calculations. Minimum parcel sizes on slopes shall be contingent on the site's ability to accommodate a building site with adequate access and utilities.*
- ***PS-3e: Geotechnical reports.*** *Geotechnical reports shall be prepared for development of areas with unstable slopes and/or erosive soils. These reports will be prepared by qualified professionals, consistent with Policy PS-2d. Measures to ensure slope and soil stability shall be incorporated into the project design.*
- ***PS-3f: [No title].*** *Provide available information, including potential for site slippage, effects of groundwater on slopes and soils, erosion potential, and other hazards, to homebuilders prior to the start of construction.*

City of Arcata General Plan 2045

Policies in the proposed General Plan 2045 relating to geology and soils in the Resource Conservation & Management Element and the Public Safety Element include:

Policy RC-9: Soils and Mineral Resources

Objective. *Conserve and manage soil and mineral resources.*

Applicable sub-policy:

- ***RC-9c: Management of mineral resource (gravel) extraction, processing, and transport.*** *Areas along the Mad River, within and upstream of the City's Sphere of Influence, are currently used for aggregate (i.e., gravel) resource extraction. The City shall encourage Humboldt County to limit the quantity of aggregate extracted to an amount that does not exceed the mean annual recruitment and shall request that Policy RC-1 and RC-2 be applied to protect natural biological diversity and ecosystem functions along the river. The City shall also request that the County not approve or renew permits for commercial mineral resource extraction in A-E designated lands in the City's Planning Area. Mineral resource extraction operations shall not result in additional soil runoff, and shall be consistent with the City's seismic safety policies (see Policy PS-2 in Public Safety Element).*

Policy PS-2: Seismic Hazards

Objective. *Protect existing and new structures from seismic hazards. Identify and map seismic hazards and assure that any development within such hazard areas does not proceed until geologic and soils conditions are adequately investigated and appropriate mitigation measures, if any, are incorporated into development plans.*

Applicable sub-policies:

- ***PS-2a: Development within fault zone/surface rupture areas.*** *The City shall maintain current seismic information that identifies fault zones and probable surface rupture areas. Development in these areas shall be avoided, unless it can be demonstrated that structures and facilities can be designed to withstand effects of faulting and surface rupture. Building setbacks from faults, surface ruptures, and other seismic hazards, as specified in the most current Uniform Building Code, shall be maintained.*
- ***PS-2b: Mitigation of ground-shaking hazards.*** *Arcata will experience ground-shaking during an earthquake. The City maintains seismic data files that identify areas where ground-shaking will most likely damage buildings and infrastructure. New construction and renovation shall incorporate the most current and effective seismic engineering measures to strengthen building foundations and infrastructure in these areas.*
- ***PS-2c: Mitigation of surface rupture and groundshaking hazards.*** *The City's Alquist-Priolo Special Studies Zone map (Figure PS-a) and Geologic Hazard Land Use Matrix (Table PS-1) identify areas highly susceptible to surface rupture and groundshaking. Construction in these areas shall be restricted, unless it can be demonstrated, in geotechnical reports prepared by qualified personnel, that structures and facilities can be designed to withstand liquefaction hazards induced by seismic events.*
- ***PS-2d: Requirement for and review of "Geotechnical Reports.".*** *New building and infrastructure construction, and substantial renovations in areas with seismic hazards, shall incorporate geotechnical report specified measures into project design. Geotechnical reports shall be required for structures or infrastructure in seismic hazard areas. Required reports, prepared by a registered geologist, certified engineering geologist, or registered engineer with expertise in seismic engineering, shall recommend mitigation for seismic impacts and identify alternative solutions. The City may require independent review of the geotechnical reports.*
- ***PS-2g: Earthquake resistant building and infrastructure standards.*** *The current Uniform Building Code standards for strengthening buildings and infrastructure to withstand earthquakes shall be enforced. The competency of existing road and utility networks shall be evaluated and, where necessary, upgraded to withstand the most current ground acceleration standards.*
- ***PS-2h: Public information and disclosure.*** *Redwood Coast Tsunami Work Group (RCTWG) and the City of Arcata have earthquake/tsunami web-based mapping and awareness information that is available to the public. The RCTWG and the City will continue to make the most current information available to help the community prepare for and respond to seismic events.*

Policy PS-3: Other Geologic Hazards and Airspace Protection

Objective. *Protect existing and new structures from non-seismic geologic hazards such as unstable slopes and soils. Require that all non-seismic geologic hazards be adequately addressed and mitigated. Ensure new development does not result in hazards to air navigation.*

Applicable sub-policies:

- ***PS-3a: Slope stability hazards.*** *Slope areas greater than 15%, shown on Figure PS-a, and certain less steep slopes with erosive soils may become unstable if disturbed. The City shall restrict grading, vegetation removal, and new construction in areas with unstable soils unless it can be demonstrated that these activities can occur without impacts. All grading of slope areas shall follow natural contours to maximize stability.*
- ***PS-3b: Grading standards for erosion and sedimentation control.*** *The design, extent, and location of grading shall minimize disturbance of the natural terrain and land features and shall not impact offsite areas. Trees and native vegetation shall be retained around graded areas to stabilize hillsides;*

retain moisture; reduce erosion, siltation and nutrient runoff; and retain the natural beauty of the area. Cleared areas susceptible to erosion shall be stabilized so that no materials are transported offsite.

- ***PS-3c: Hillside development standards.*** *The land areas subject to hillside development standards are shown in Figure PS-a. Development on lands within these areas shall be subject to the following standards:*

  1. *Each new lot created in areas subject to hillside development standards shall be required to contain a contiguous buildable area of at least 4,000 square feet. All parts of the building area shall have a natural slope of less than 15%. No more than 4,000 square feet of any existing lot which was legally created prior to adoption of this plan, and does not meet the preceding 15% standard, may be disturbed for development.*
  2. *At least 50% of the area of any lot undeveloped as of the date of this plan shall be included in a "natural area" which shall remain in a natural, ungraded, undeveloped state. All slopes in excess of 25% shall be included in the natural area.*
  3. *Vegetation removal in the natural area of each lot shall be subject to review and approval by the City.*
  4. *All access roads and driveways shall be kept to the minimum feasible width and shall be designed to minimize grading and disruption of vegetation.*
  5. *Access roads shall not exceed 15% slope for any distance. Individual driveways shall not exceed 17% slope.*
  6. *Access roads or driveways shall be designed to avoid steep slopes and shall not have cuts exceeding fifty feet (50') nor fills exceeding twenty-five feet (25') in height.*
  7. *The design, scope and location of grading for development should cause the minimum disturbance of the terrain and natural features of the land. Unavoidable grading should complement natural landforms. Mass grading of large pads and terraces shall not be permitted.*
  8. *All manufactured slopes shall be planted or otherwise protected from the effects of storm run-off and erosion.*
  9. *Time limits to avoid extensive grading during the wet season shall be imposed on new developments.*
  10. *Any necessary conditions to control erosion and assure site restoration shall be required by the City. Measures shall include short-term controls to minimize erosion at construction sites and long-term controls for minimizing sedimentation and maintaining water quality.*
  11. *Development in areas subject to development standards should demonstrate a concern for the view of the hills as well as the view from the hill.*

- ***PS-3d: Slope-density and land use restrictions.*** *Slopes greater than 25% are to be designated as natural areas and shall not be included in density calculations. Minimum parcel sizes on slopes shall be contingent on the site's ability to accommodate a building site with adequate access and utilities.*

- ***PS-3e: Geotechnical reports.*** *Geotechnical reports shall be prepared for development of areas with unstable slopes and/or erosive soils. These reports will be prepared by qualified professionals, consistent with Policy PS-2d. Measures to ensure slope and soil stability shall be incorporated into the project design.*

- ***PS-3f: Geologic hazard information.*** *Provide available information, including potential for site slippage, effects of groundwater on slopes and soils, erosion potential, and other hazards, to homebuilders prior to the start of construction.*

City of Arcata Land Use Code

The City of Arcata Land Use Code addresses geologic hazards and grading activity within Chapters 9.62 (Geologic Hazard Review) and 9.64 (Grading, Erosion, and Sediment Control). The following sections apply:

9.62: Geologic Hazard Review

Provide procedures for the filing, processing, and approval or disapproval of applications for Geologic Hazard Review, to protect the health, safety, and welfare of the residents of the City by minimizing the risk from carrying out development in areas subject to geologic and/or seismic hazards.

9.64: Grading, Erosion and Sediment Control

Establishes minimum standards and regulations for grading activities as well as construction and post-construction runoff control criteria to prevent unreasonable or unnecessary erosion and sediment production and related degradation of the City's stormwater drainage systems.

City of Arcata Local Coastal Plan

The policies within the City of Arcata's Local Coastal Plan that regulate geology and soils within the City's jurisdiction of the Coastal Zone include the following:

H-2: *The City shall regulate land use in areas of significant natural hazards in the following manner:*

(c) Non-Critical Facilities: Non-critical facilities shall be permitted to locate or expand in areas of potential liquefaction. Non-critical facilities shall be permitted to locate or expand in the 100-year flood plain only if flood proofing measures which meet flood insurance criteria and which are satisfactory to the City are provided, and if it can be shown that such development would not cause additional flooding and/or drainage problems in other areas.

H-3: *For non-critical facilities the City may require site-by-site soils and geologic engineering studies when the Director of Community Development determines that public health and safety could be affected. These studies shall be done by a registered geologist, a registered civil engineer with expertise in soils, or a certified engineering geologist in areas of potential liquefaction and settlement. Potential hazards shall be evaluated using the ground shaking parameters presented in the Seismic Safety Element. The study should show that the proposed project minimizes the potential hazard to life and health.*

5.4.4 Evaluation Criteria and Significance Thresholds

Implementation of the General Plan 2045 would cause a significant impact related to geology and soils, as defined by Appendix G of the CEQA Guidelines, if it would:

– Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:
  - Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault. Refer to Division of Mines and Geology Special Publication 42;
  - Strong seismic ground shaking;
  - Seismic-related ground failure, including liquefaction; or
  - Landslides.
– Result in substantial soil erosion or the loss of topsoil;
– Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse;
– Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property;
– Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater; or
– Directly or indirectly destroy a unique paleontological resource or site or unique geological feature.

5.4.5 Methodology

Activities with reasonable certainty to occur from implementation of the General Plan 2045 are evaluated in terms of their potential significance to impact (i.e., increase risks associated with) the identified geologic hazards. Where appropriate, impact analysis relied on the California Department of Conservation's online earthquake hazard mapping tool, *EQ Zapp.* Mitigation measures are then described for those impacts determined to be significant.

5.4.6 Impacts and Mitigation Measures

Impact GEO-a.i: Would adoption and implementation of the General Plan 2045 directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

The Project is situated within a seismically active area close to several seismic sources capable of generating moderate to strong ground motions. Given that the study area includes parcels citywide that are delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area, as well as general proximity to other active faults within and offshore of northern California, the study area could be impacted by the rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map.

The study area lies within the Mad River Fault Zone, which contains several faults of poorly known recent seismic activity, and specifically the Fickle Hill Fault that projects through the study area including both the northeastern portions of the Gateway and Downtown Area Infill Zones (see Figure 5.4-3). The Fickle Hill Fault is considered an Alquist-Priolo Earthquake Fault Zone (CGS 2023). The possibility of discovering new Alquist-Priolo Earthquake Fault Zones within the study area is a distinct possibility considering the region's history of tectonic activity.

Activities under the General Plan 2045, which may include building construction, shallow excavation and repaving, could potentially be ruptured by the Fickle Hill fault, resulting in a potentially adverse impact. Policies from the proposed Arcata General Plan 2045 would reduce impacts from seismicity and liquefaction risks, including Policy PS-2, sub-policies PS-2a, PS-2b, PS-2c and PS-2d.

Policy PS-2 includes the requirement to identify and map seismic hazards, and the requirement that development within such hazard areas would not proceed until geologic and soil conditions are adequately investigated and appropriate mitigation measures are incorporated into development plans.

- Sub-policy 2a requires the City to maintain current seismic information that identifies fault zones and probable surface rupture areas, and that development would be avoided in those areas unless it can be demonstrated that structures and facilities can be designed to withstand effects of faulting and surface rupture.
- Sub-policy PS-2b states that new construction and renovation projects shall incorporate the most current and effective seismic engineering measures to strengthen building foundations and infrastructure in areas identified to contain ground shaking during an earthquake.
- Sub-policy PS-2c refers to the City's Alquist-Priolo Special Studies Zone map and Geologic Hazard Land Use Matrix which identify areas highly susceptible to surface rupture and ground shaking. Similar to PS-2a and 2b, sub-policy PS-2c states that construction in areas identified as highly susceptible to surface rupture and ground shaking shall be restricted unless it can be demonstrated in geotechnical reports that structures and facilities can be designed to withstand liquefaction hazards induced by seismic events.
- Sub-policy 2d requires new building and infrastructure and substantial renovations in areas with seismic hazards to incorporate geotechnical report specified measures into project design.

See Section 5.4.3 for exact policy and sub-policy language from the proposed Arcata General Plan 2045. With incorporation of policies from the proposed Arcata General Plan 2045, specifically, Policy PS-2 and sub-policies PS-2a through 2-d, the potential direct or indirect adverse effects from rupture of an earthquake fault would be reduced to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact GEO-a.ii: Would adoption and implementation of the General Plan 2045 directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

The Project is situated within a seismically active area close to several seismic sources capable of generating moderate to strong ground motions. Given the proximity of the Fickle Hill fault and other significant active faults (the Little Salmon fault to the southwest, the Mad River fault zone to the north, and the Cascadia subduction zone offshore to the west), as well as other active faults within and offshore of northern California, the study area could experience strong ground shaking during the planning horizon.

The Fickle Hill fault is located in the central portion of the study area (within the northern portions of both the Gateway and Downtown Areas) and is currently the only recognized active fault in the study area (DOC 2023). Due to the location of the study area occurring within a recognized active fault, and based on the information available, there is potential for ground surface fault rupture and strong seismic ground shaking to occur. The State requires special studies for structures for human occupancy within Alquist-Priolo earthquake fault zones, of which the Fickle Hill fault is considered one.

Infrastructure within and in close proximity to the active fault already exists and is used daily. However, implementation of the General Plan 2045 through construction of new or renovated building structures and infrastructure could increase the risk of strong seismic ground shaking or exposure to strong seismic ground shaking above existing conditions, which could result in a potentially significant adverse impact. Proposed policies and sub-policies in the Arcata General Plan 2045 would mitigate and reduce this potential risk via assurances that City residents, businesses and agencies are prepared for emergencies and have effective response and recovery plans in place (Policy PS-1 and sub-policies PS-1a through 1h), requirement for review of seismic hazards and incorporation of measures from geotechnical reports (Policy PS-2 and sub-policies PS-2a through 2d). See Section 5.4.3 (above) for Policy and sub-policy text from the proposed Arcata General Plan 2045.

With inclusion of these policies, new development and substantial renovations would have to consider seismicity, include geotechnical measures to reduce risk, demonstrate that proposed facilities would be designed to withstand the potential risk of liquefaction, and require the community to have response plans. The study area is located in a seismically active area and it is not possible to eliminate the risk of strong seismic ground shaking; however, new development will be constructed (sub-policy PS-2b to incorporate the most current and effective seismic engineering measures to strengthen building foundations and the City will provide emergency response plans and standards for community safety (PS-1, sub-policies 1a through 1h). With inclusion of the policies mentioned above, a less than significant impact would occur from implementation of the General Plan 2045.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact GEO-a.iii, a.iv, c, d: Would adoption and implementation of the General Plan 2045 directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving liquefaction, landslides, or otherwise unstable soils?

Liquefaction is a phenomenon involving loss of soil strength and resulting in fluid mobility through the soil. Liquefaction typically occurs when loose, uniformly sized, saturated sand or silt are subjected to repeated

shaking in areas where the groundwater is less than 50 feet below ground surface. In addition to the necessary soil and groundwater conditions, the ground acceleration must be high enough, and the duration of the shaking must be sufficient, for liquefaction to occur. Given strong ground shaking, these conditions appear to have potential to occur within portions of the study area.

Moderate potential for liquefaction-related settlement exists within the study area (see Figure 5.4-3). Within the Infill Opportunity Zones, there is high liquefaction potential within portions of the Valley West and Craftsman's Mall Areas (including a creek corridor in the Craftsman's Mall Area). The Gateway, Downtown and remaining Valley West Areas contain moderate liquefaction potential which is consistent with the majority of the historic City center. Earthquake-related liquefaction could result in sand boils and minor differential settlement in portions of the study area. However, as described above in impact (a) and (b), policies and sub-policies of the proposed Arcata General Plan 2045 exist to reduce and mitigate potential impacts associated with liquefaction (see sub-policies PS-1d and PS-2c). Additionally, all new development in the study area would have to comply with the California Building Code, which requires stringent earthquake-resistant design parameters and common engineering practices requiring special design and construction methods that minimize potential liquefaction or expansive soil-related impacts or reduce to an acceptable level as determined by the California Building Code and City Building Official, in conjunction with consulting geologic engineers as determined necessary. With inclusion of standard California Building Code practices and General Plan 2045 policies, implementation of the General Plan 2045 would not increase the risk of liquefaction or exposure to liquefaction above existing conditions and a less than significant impact would occur.

The study area is predominantly flat, with hillsides located in the eastern extent including Cal Poly Humboldt and the Arcata Community Forest. New development on hillsides has the potential to result in the disturbance of soils and a resulting landslide. However, with inclusion of Policy PS-3 and sub-policy PS-3c, which state that all non-seismic geologic hazards are to be adequately addressed and mitigated, and provides development standards for development on hillsides, potential occurrences of landslides are not anticipated above existing conditions. No impact relating to landslides is anticipated.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact GEO-b: Would adoption and implementation of the General Plan 2045 result in substantial soil erosion or the loss of topsoil?

Construction activities, including cut, fill, removal of vegetation, and operation of heavy machinery would disturb soil and, therefore, have the potential to cause erosion. See Figure 5.4-4 – Slopes Greater than 15% for the location of slopes greater than 15% throughout the study area. These construction activities would be performed in compliance with the Best Management Practices prescribed in the Arcata Municipal Code, North Coast Regional Water Quality Control Board regulations and the California Building Code. Best Management Practices may include silt fences, straw wattles, soil stabilization controls, site watering for controlling dust, and sediment detention basins. Therefore, no substantial soil erosion or loss of topsoil would result from development occurring under the proposed General Plan 2045, and the potential impact would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact GEO-e: Would adoption and implementation of the General Plan 2045 result in soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

Development under the proposed General Plan 2045 would continue to be connected to the City's wastewater treatment system and would not require the use of additional septic tanks or an alternative wastewater disposal system. There would be no impact.

Mitigation Measures: No mitigation is necessary

Level of Significance: No Impact

Impact GEO-f: Would adoption and implementation of the General Plan 2045 directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Paleontological resources are the remains or traces of prehistoric animals and plants. Paleontological resources, which include fossil remains and geologic sites with fossil-bearing strata, are non-renewable and scarce and are a sensitive resource afforded protection under environmental legislation in California. Under California Public Resources Code Section 5097.5, unauthorized disturbance or removal of a fossil locality or remains on public land is a misdemeanor. State law also requires reasonable mitigation of adverse environmental impacts that result from development of public land and affect paleontological resources (Public Resources Code Section 30244).

Implementation of the General Plan 2045 would promote development in the Gateway Area, which has been previously disturbed by predominantly industrial development. Therefore, it is unlikely that paleontological resources would be discovered in this area should construction occur. Development may occur throughout the study area, and in locations where no development currently exists there is a greater possibility of discovering unique paleontological resources or unique geologic features during construction, than compared to already disturbed areas. If paleontological resources were discovered, a potentially significant impact could occur. Mitigation Measure GEO-1 is included in the event that paleontological resources are inadvertently discovered within the study area during construction, reducing the potential impact to less than significant.

Mitigation

Mitigation Measure GEO-1: Inadvertent Discovery of Paleontological Resources

If potential or paleontological resources are encountered during Project subsurface construction activities or geotechnical testing, all work within 50 feet of the find shall be stopped, and a qualified archaeologist funded by the City and approved by the City shall be contacted to evaluate the find, determine its significance, and identify any required mitigation. The applicant shall be responsible for implementing the mitigation prior to construction activities being re-started at the discovery site.

Implementation of Mitigation Measure GEO-1 would reduce this impact to a less-than-significant level for both construction and operation because a plan to address discovery of unanticipated paleontological resources and to preserve and/or record those resources consistent with appropriate laws and requirements would be implemented.

Level of Significance: Less than significant impact with mitigation

5.4.7 Cumulative Impacts

Impact GEO-C-1: Would the adoption and implementation of the General Plan 2045 contribute to a cumulatively significant impact to Geology or Soils?

Subsequent land use activities associated with implementation of the proposed General Plan Update, in combination with other existing, planned, proposed, and reasonably foreseeable developments in the region, may result in cumulative geologic and soil hazards. However, policy provisions in the proposed General Plan 2045 and continued implementation of the City's Municipal Code would ensure that potential development in the study

area is not adversely impacted by cumulative geologic and soil hazards. All new development in the study area, would have to comply with the California Building Code, which requires stringent earthquake-resistant design parameters and common engineering practices requiring special design and construction methods that reduce or eliminate potential liquefaction or expansive soil-related impacts.

Additionally, development involving clearing, grading, or excavation that causes soil disturbance of one or more acres is subject to NPDES and General Plan provisions, which would significantly reduce the potential for substantial erosion or topsoil loss to occur in association with new development by requiring an approved Stormwater Pollution Prevention Plan that provides a schedule for the implementation and maintenance of erosion control measures and a description of erosion control practices, including appropriate design details and a time schedule.

The proposed General Plan 2045 also requires that damage to new structures from seismic, geologic, or soil conditions be prevented to the maximum extent feasible. Site-specific review per California Building Code, including geotechnical reports, required by the City would reduce the proposed General Plan 2045's contribution to cumulative impacts to less than cumulatively considerable, and no further mitigation is required.

Any enhancements to the stream corridors, such as Jolly Giant or Janes Creeks, would include best management practices for erosion control, including measures to avoid sediment entry into creek channels and associated sensitive riparian environments, resulting from standard Clean Water Act permitting requirements. The timing of any planned enhancements is speculative and, if implemented, would occur after public hearings and with City, local, and state regulatory oversight.

With adherence to applicable federal, state, and local regulations governing geology and soils resources and compliance with the proposed Arcata General Plan 2045 policies indicated above, the potential risks associated with geology and soils resources in the study area would be less than significant. As such, cumulative impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

5.4.8 References

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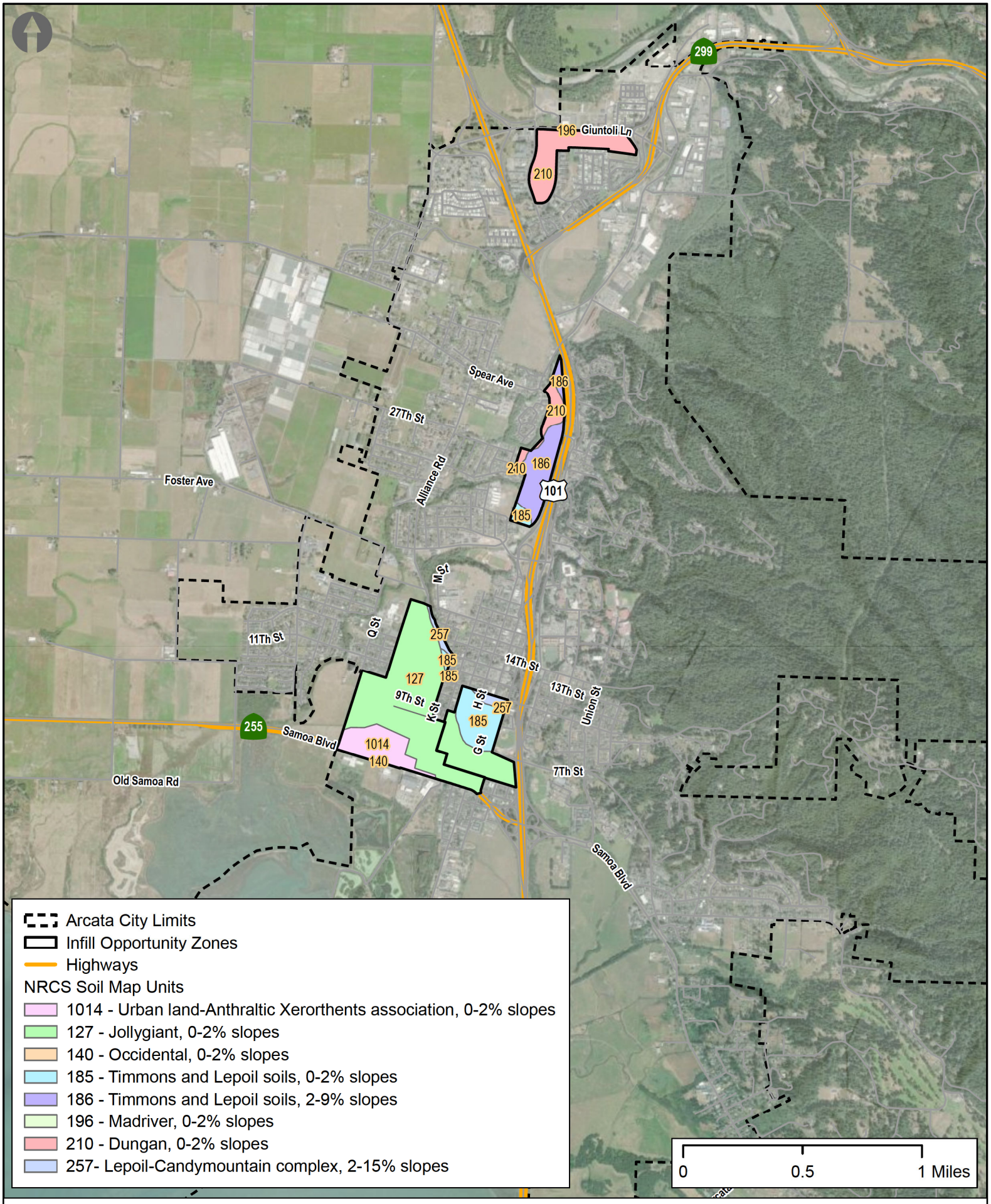

Figure 5.4-1: City of Arcata Infill Opportunity Zones NRCS Soils

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

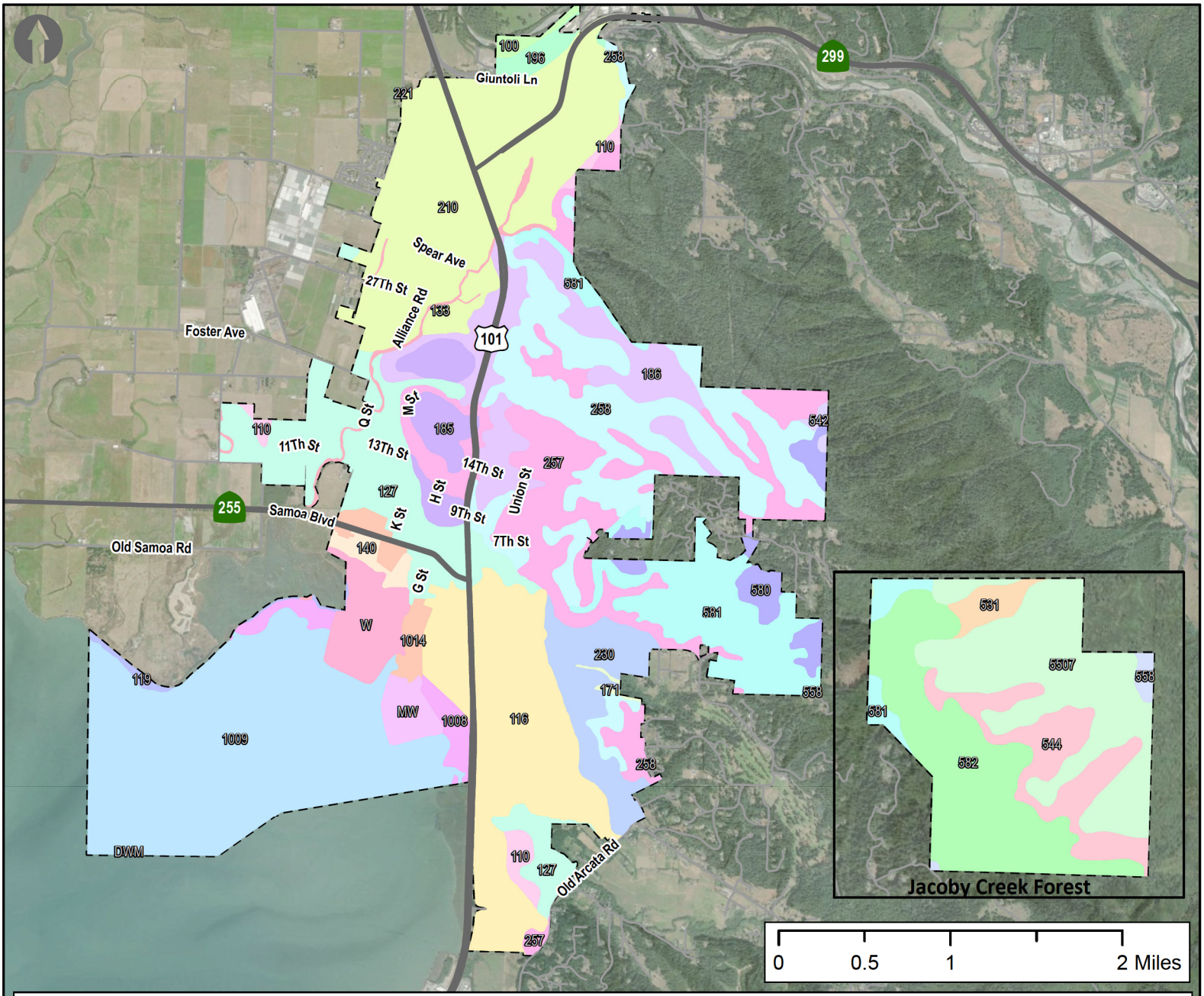

Figure 5.4-2: City of Arcata -NRCS Soils

Created by GHD
Map Date: 5/26/2023

Source: Esri, NASA, NGA, USGS, Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

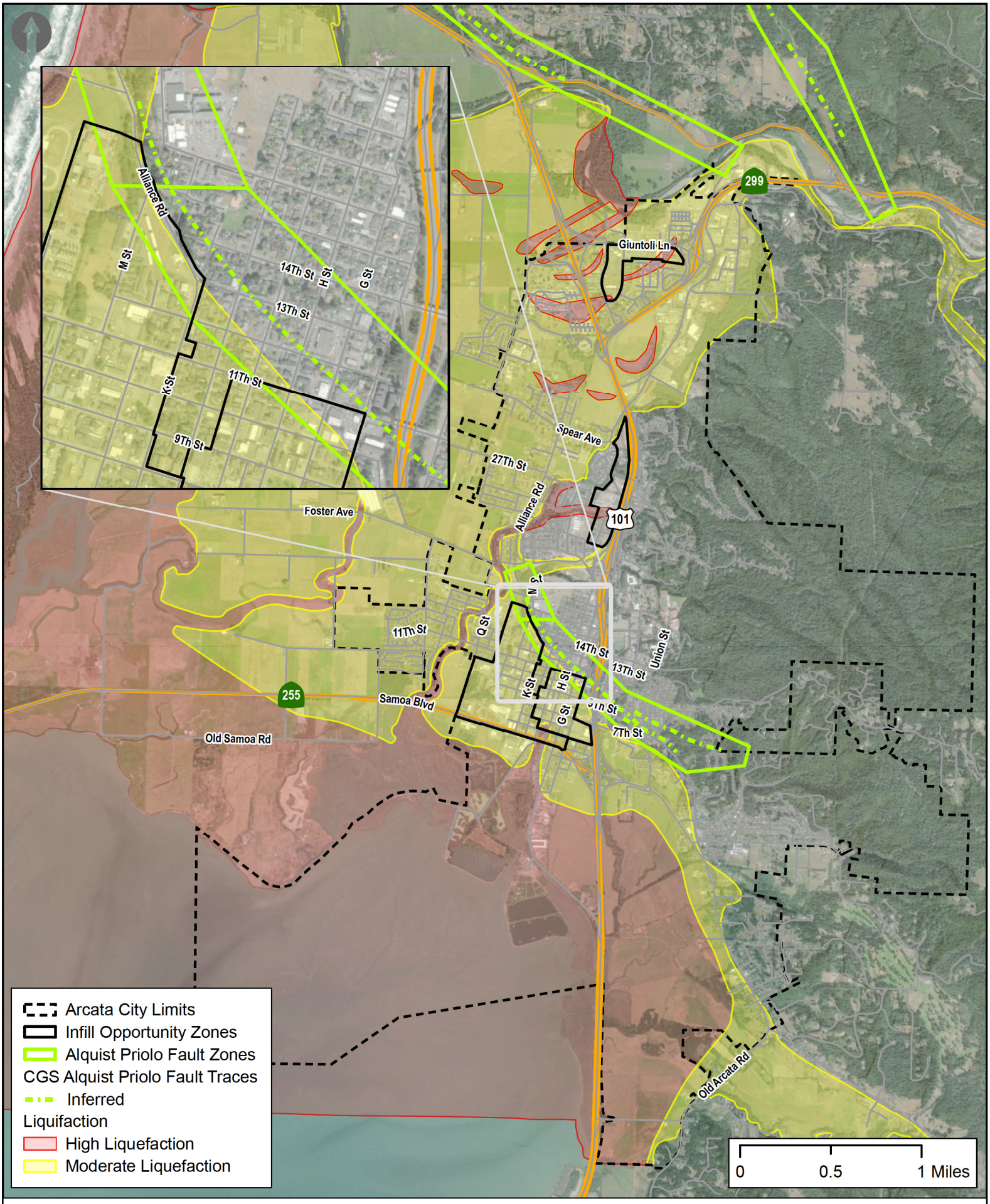

Figure 5.4-3: City of Arcata - California Geological Survey

Alquist Priolo Zones & Potential Liquefaction

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

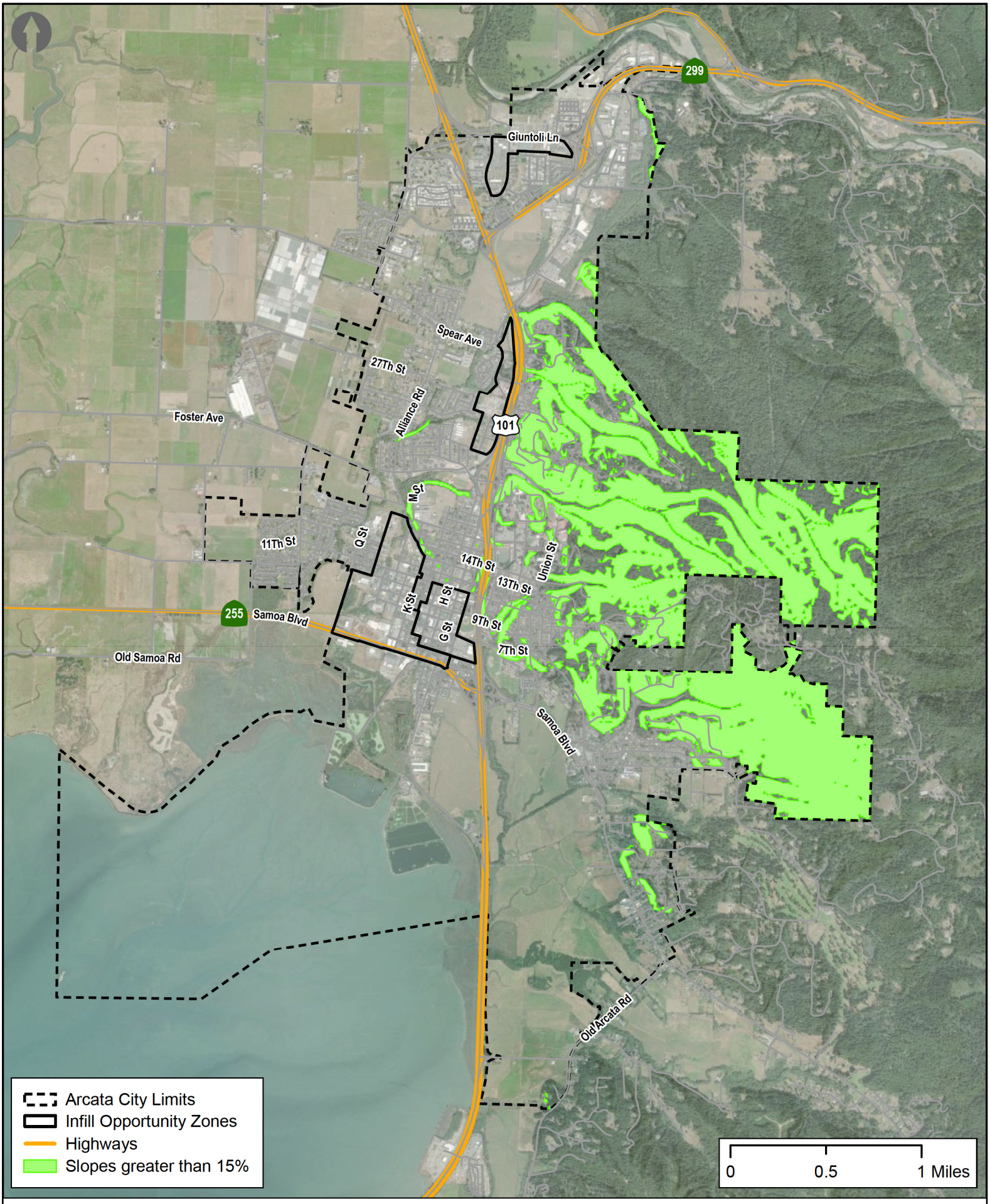

Figure 5.4-4: Slopes Greater than 15%

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

5.5 Hydrology and Water Quality

This section evaluates the potential impacts related to hydrology and water quality resulting from adoption and implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the hydrologic setting. The Regulatory Framework section describes the regulatory background that applies to the General Plan 2045. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to hydrology and water quality, and identifies the significance of impacts.

Multiple comments related to hydrology and water quality were received in response to the Notice of Preparation circulated for the proposed General Plan 2045. Comments included those related to sea level rise, tsunami, and flood risks in the Gateway Area as well as the effect of the City's wastewater treatment facilities on water quality. A few letters included questions about construction runoff and emerging groundwater.

5.5.1 Study Area

For impact assessment related to hydrology and water quality, the City's Urban Services Boundary wase used as the study area (see Figure 2-1 – City of Arcata Planning Area).

5.5.2 Setting

Arcata's water resources include the Mad River, a number of creeks, wetlands, tidal streams, Arcata Bay, and groundwater aquifers. Hydrology within the Project Area is driven by precipitation which is influenced by Pacific Ocean and atmospheric weather patterns. Generally, air temperature averages about 52 degrees Fahrenheit, and ranges from the low 30s to around 80 degrees. Average annual rainfall is approximately 38 inches per year, based on historic records for 1961 through 2021. Storms generated by the Pacific Ocean contribute high amounts of annual rainfall between October and March. In some years, additional significant rainfall occurs through April. During the remainder of the year, coastal marine influences result in fog that at times is dense enough to generate moisture in the form of mist. Seasonal rainfall is often high in intensity and results in surface water runoff. Consequently, stream flows are typically high in the winter, and many of Arcata's small streams have little flow in late summer.

Watercourses, Wetlands, Baylands and Tidelands

Nine named creeks flow throughout the City (Resource Conservation Element Figure RC-a Protected Watercourses). The creeks and their associated sloughs provide multiple benefits including flood control, freshwater habitat, riparian habitat, marine habitat, fish and wildlife habitat (e.g., fish spawning and migration, wildlife nesting, roosting, and foraging areas), scenic enjoyment, open space, recreation, educational opportunities, and groundwater recharge. These creeks have their headwaters in the hills on the east side of the city and run through the City into Arcata Bay. A number of Arcata's creeks have been modified with culverts, channels, and coverings. The City has implemented many dozens of stream restoration projects in the last thirty years to address habitat degradation and fish passage limitations, although many restoration opportunities remain. Additionally, the implementation of the City's Municipal Separate Storm System (MS4) Permit has helped to reduce pollutants from a variety of sources, including petroleum products from urban run- off and suspended sediments from soil erosion, from entering the City's creeks and riparian areas.

A short reach of the Mad River borders northern Arcata. The Mad River supports federally protected anadromous salmonids including Chinook salmon, Coho salmon, and steelhead, as well as cutthroat trout. The Mad River is Clean Water Act section 303(d) listed for sedimentation/siltation, temperature, turbidity, and aluminum. The primary pollution sources and issues for the Mad River watershed are forestry-related, urbanization, and industrial and public point sources. The river provides Arcata's primary water supply. Ruth Lake, in Trinity County approximately 70 miles upstream from Arcata, stores Mad River water to provide water supply during summer and fall.

Wetlands are important hydrological and biological resources. Arcata's wetlands include managed constructed wetlands, abandoned log ponds, tidal marshes, diked former tidelands, agricultural wetlands, riparian wetlands, springs, seeps and bogs, and other small wetlands. Throughout low-lying and riparian areas of Arcata there are small wetlands that may be remnants of natural wetlands or a result of development and drainage patterns. The most prominent wetland is the Arcata Marsh and Wildlife Sanctuary and surrounding coastal wetlands, which was constructed and is managed by the City to provide advanced treatment and beneficial use of Arcata's wastewater.

Arcata's tidal waters include parts of Arcata Bay and sloughs connected to the bay. Waterfront marsh lands, mud flats, and open waters within the City limits are owned by the state of California; management of these lands has been granted to the City as a trustee. These lands are used for municipal facilities (including the wastewater treatment plant, corporation yard, and Arcata Marsh and Wildlife Sanctuary), natural resource protection, and aquaculture.

Groundwater

The City is located in the Mad River Valley – Mad River Lowland Basin 1-008.01, which is has a SGMA Basin Priority of Very Low (DWR 2020). The basin is located in the coastal floodplain which stretches from the Freshwater Fault north to the Mad River and to the elevated terrace to the east. Heindon Groundwater Well pumps groundwater from the groundwater basin; providing a secondary source of drinking water for the City (Arcata 2021). The City has not adopted a groundwater management plan for this basin. The relevant water quality control plan is the North Coast Regional Water Quality Control Board's (NCRWQCB's) Basin Plan which establishes thresholds for key water resource protection objectives for both surface waters and groundwater. Important ground water resources in Arcata include several aquifers under the Mad River delta that is now the Arcata Bottom.

Flooding

Arcata could be subject to flooding from the Mad River, local creeks, and Humboldt Bay. The Federal Emergency Management Agency (FEMA) has estimated the areas inundated by floods that occur on average every 100 years (more frequent floods are smaller and would inundate smaller areas; the 100-year flood is commonly used in emergency planning). The Infill Opportunity Zones are not located in FEMA floodplain (Figure 5.5-1). These 100-year flood areas include:

- A small area between Giuntoli Lane and the Mad River;
- Janes Road and much of the neighborhoods east of Janes Road near Mad River Hospital;
- A corridor of about one block on either side of Janes Creek from where West End Road crosses under U.S. 101 southwest through the City to Humboldt Bay;
- Areas of Arcata Bottom;
- Most of the land south of Samoa Boulevard except for most of neighborhoods on E-I streets; and
- Most of the land between Old Arcata Road and the Bay, including U.S. 101.

Arcata is subject to relatively frequent and extensive high flows in several of its small creeks. This problem results from characteristics of the drainage system:

- Arcata creeks originate on the hillsides, so rainfall rapidly drains into the center of town;
- The center of Arcata is relatively flat, so creeks slow down, deposit sediment, and widen in the areas most susceptible to flood damage;
- Accumulation of sediment and debris, and tide gates combined with high tides, reduce the ability of creeks to convey high flows;
- Urbanization causes higher runoff rates and reduces the wetland areas available for high flows to infiltrate to ground water or be detained;

- Creeks and riparian areas have been extensively straightened or channelized and put in culverts, which reduces in-channel storage of floods and can cause flood waters to accumulate more quickly;
- Arcata Bottom subsidence has led to flooding; and
- Dikes along Bay Front tend to impede runoff to Bay.

The worst-case flood of the Mad River would occur if there was a catastrophic failure of Mathews Dam in Trinity County. The California Division of Safety of Dams maintains dam breach inundation mapping for Matthews Dam. A dam breach could inundate portions of Boyd Road area and the Mad River Parkway area.

High tides and storm tides can inundate the bayfront and other low-lying areas of the City. Coastal floods are expected to inundate only the immediate vicinity of tidal waters and none of Arcata's neighborhoods.

Tsunami

Tsunamis may be locally generated or distant sourced, caused by a large earthquake nearby or in other areas of the Pacific Ocean. The tsunami hazard zone within the City generally extends from Humboldt Bay north to Highway 299 and east to Highway 101 (CGS 2021, Figure 5.5-2). The tsunami hazard zone does not extend into the Infill Opportunity Zones, except one block into the Downtown Infill Opportunity Zone near H Street.

Sea Level Rise

The City has conducted vulnerability and risk assessments for sea level rise. Areas that are currently potentially vulnerable to 3.3 feet of sea level rise include natural resource, industrial, and residential areas south of Highway 255 as well as agricultural and some residential areas between Old Arcata Road and Highway 101 (Laird 2018a, 2018b). The vast majority of the Gateway Area is well outside of sea level rise model predictions, however under current conditions, 3.3 feet of sea level rise could reach very minor areas along the very southern edge of the Gateway Area and then only during high tides. The Valley West, Craftsman Mall, and Downtown Infill Opportunity Zones are not vulnerable to 3.3 feet of sea level rise.

Water Quality

This section discusses the quality of Arcata's municipal drinking water, wastewater, surface water, and ground water.

Arcata's primary drinking water is supplied by the Humboldt Bay Municipal Water District. Humboldt Bay Municipal Water District draws source water from aquifer wells (Ranney Wells) below the Mad River, allowing for natural filtration. This water is disinfected with chlorine, and prior to delivery to its distribution system, the City adds fluoride to an optimal level to prevent tooth decay. Ranney Wells is annually monitored, and a Drinking Water Source Assessment in 2002 reported that the source water of the Ranney wells might be vulnerable to activities that contribute to the release of aluminum and barium (California Department of Health and Human Services, 2002). Aluminum is associated with some surface water treatment processes and erosion of natural deposits. Barium is associated with the discharges of oil drilling waste or metal refineries and the erosion of natural deposits. To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Annual City monitoring is conducted at representative samples points in the drinking water treatment and distribution systems to ensure the City provides safe drinking water and that it follows State and federal regulations and is reported within the City's Water Quality Reports. The City's secondary source of drinking water is Heindon Well which is not actively monitored or used. In the event Heindon Well is activated for drinking water, monitoring would be conducted prior to use to ensure safe drinking water following State and federal regulations.

Wastewater within the City is handled by the Arcata Wastewater Treatment Facility located within the Arcata Marsh. The discharges from the treatment facility are regulated by the California State Water Resources Control Board and the United States Environmental Protection Agency which require the following programs:

- Water quality testing including, but not limited to: Chlorine, coliform, biochemical oxygen demand, digester solids, pH, heavy metals, oil and grease, settable solids, sulfur dioxide, suspended solids and toxicity. These tests can occur on a daily, weekly, monthly, quarterly, semi-annual and annual basis.
- Comprehensive monitoring, permitting and disposal of the City's wastewater solids composition program.
- Comprehensive monitoring and maintenance program for the 240 acres of the Arcata Marsh and Wildlife Sanctuary.

The limits for each of these contaminants are detailed within the City National Pollutant Discharge Elimination System discussed below.

Surface and groundwater quality within Arcata's creeks and storm drains have been investigated to a limited extent by the City, including studies conducted by Cal Poly Humboldt (with City funding) and informal studies conducted by Cal Poly Humboldt engineering and watershed management students, as well as from local agencies such as the Humboldt Waterkeeper (formerly Humboldt Baykeeper). These studies indicate generally high water quality with some exceptions. For example, fecal coliform bacteria (E. coli) counts are high at some times and locations, with Janes Creek discharging the highest amount. This may result from wastewater being improperly discharged to storm drains, sewer leaks, use of riparian areas by domestic animals, or runoff from grazing lands.

Almost all of Arcata's wastewater, storm water, and runoff is eventually discharged into Arcata Bay. Water quality concerns in the Bay focus on aquaculture: the California Health Services Department has the authority to stop commercial oyster harvesting if there is any evidence that oysters could be contaminated by pollution. Coliform bacteria are used as indicators of such contamination. In the past, oyster harvests have been closed when small amounts of sewage have leaked into Arcata storm drains or creeks, resulting in monetary claims being filed against the City by Coast Seafoods. To address this problem, the City has initiated studies of travel times and dilution in City creeks to give the State more information to use in determining whether pollution incidents are likely to affect oyster beds and to avoid unnecessary harvest closures.

5.5.3 Regulatory Framework

Federal

Clean Water Act

The Clean Water Act enacted by Congress in 1972 and amended several times since, is the primary federal law regulating water quality in the United States and forms the basis for several state and local laws throughout the country. It established the basic structure for regulating discharges of pollutants into Waters of the United States. It also gave the EPA the authority to implement federal pollution control programs, such as setting water quality standards for contaminants in surface water, establishing wastewater and effluent discharge limits for various industry categories, and imposing requirements for controlling nonpoint source pollution. At the federal level, the Clean Water Act is administered by the EPA and U.S. Army Corps of Engineers. At the state and regional levels in California, the Clean Water Act is administered in part and enforced by the State Water Resources Control Board (SWRCB) and the nine Regional Water Quality Control Boards (RWQCBs).

Section 303(d) of the Clean Water Act requires state governments to present the EPA with a list of "impaired water bodies," defined as those water bodies that do not meet water quality standards, even after point sources of pollution have been equipped with the minimum required levels of pollution control technology. In accordance with Clean Water Act Section 303(d), the State of California periodically identifies "*those waters within its boundaries for which the effluent limitations ... are not stringent enough to implement any water quality standard applicable to such waters.*" There are no impaired water bodies within the Project Area. Sections 404 and 401 of the Clean Water Act require permitting and state certification for construction and/or other work conducted in "Waters of the United States." Such work includes levee work, dredging, filling, grading, or any other temporary or permanent modification of wetlands, streams, or other water bodies.

National Flood Insurance Program

The FEMA administers the National Flood Insurance Program to provide subsidized flood insurance to communities that comply with FEMA regulations limiting development in floodplains. FEMA also issues Flood Insurance Rate Maps identifying which land areas are subject to flooding. The maps provide flood information and identify flood hazard zones in each community. The design standard for flood protection is established by FEMA, with the minimum level of flood protection for new development determined to be the 1-in-100 annual exceedance probability (i.e., the 100-year flood event).

According to FEMA regulations, "a revision of floodplain delineation based on fill must demonstrate that such fill has not resulted in a floodway encroachment" (44 CFR 65.5 (a) (7)). The State of California model ordinance defines encroachment as "the advance or infringement of uses, plant growth, fill, excavation, buildings, permanent structures or development into a floodplain which may impede or alter the flow capacity of a floodplain." The Floodplain Management and Protection of Wetlands section of the Federal Code of Regulations (44 CFR Section 9.2) states that it is FEMA's environmental review policy to:

1. Avoid long- and short-term adverse impacts associated with the occupancy and modification of floodplains and the destruction and modification of wetlands;
2. Avoid direct and indirect support of floodplain development and new construction in wetlands wherever there is a practicable alternative;
3. Reduce the risk of flood loss;
4. Promote the use of nonstructural flood protection methods to reduce the risk of flood loss;
5. Minimize the impact of floods on human health, safety, and welfare;
6. Minimize the destruction, loss, or degradation of wetlands;
7. Restore and preserve the natural and beneficial values served by floodplains; and
8. Preserve and enhance the natural values of wetlands.

National Pollutant Discharge Elimination System

The National Pollutant Discharge Elimination System (NPDES) permit program was established in the Clean Water Act to regulate industrial and municipal discharges to surface Waters of the United States. NPDES permit regulations have been established for broad categories of discharges including point source municipal waste discharges and nonpoint source stormwater runoff. An NPDES permit is required when proposing to or discharging waste into any surface water of the state. The SWRCB issues NPDES permits to cities and counties through RWQCBs and implements and enforces the NPDES General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009, as amended by Order No. 2010-0014). Order No. 2009-0009 took effect on July 1, 2010 and was amended on February 14, 2011. The Order applies to construction sites that include one or more acre of soil disturbance. Construction activities include clearing, grading, grubbing, excavation, stockpiling, and reconstruction of existing facilities involving removal or replacement.

Federal Antidegradation Policy

The federal antidegradation policy is set forth in 40 Code of Federal Regulations (CFR) Section 131.12. It serves as a catch-all water quality standard to be applied where other water quality standards are not specific enough for a particular waterbody, or where other water quality standards do not address a particular pollutant. SWRCB Order No. 68-16 incorporates the federal antidegradation policy into the state policy for water quality control and ensures consistency with federal Clean Water Act requirements. This federal regulation establishes a three-part test for determining when increases in pollutant loadings or other adverse changes in surface water quality may be permitted, including consideration of existing instream uses and water quality.

State

Porter Cologne Water Quality Control Act

The Porter-Cologne Water Quality Control Act (Porter-Cologne) is the primary statute covering the quality of waters in California. Under Porter-Cologne, the SWRCB allocates water rights, adjudicates water right disputes, develops state-wide water protection plans, establishes water quality standards, and guides nine RWQCBs state-wide. The joint authority of water allocation and water quality protection enables the SWRCB to provide comprehensive protection for California's waters. RWQCB boundaries are based on watersheds and water quality requirements are based on the unique differences in climate, topography, geology, and hydrology for each watershed. The RWQCBs regulate water quality under Porter-Cologne through the standards and objectives set forth in Water Quality Control Plans (also referred to as Basin Plans) prepared for each region. The current 2018 Basin Plan prepared by the North Coast Regional Water Quality Control Board provides a definitive program of actions designed to preserve and enhance water quality and to protect beneficial uses of water in the North Coast Region.

The beneficial uses serve as a basis for determining appropriate water quality objectives for the region. To protect these beneficial uses, the Basin Plan sets forth water-resource protection objectives for inland surface waters spanning many parameters. Basin Plan parameters relevant to potential water quality impacts of Project actions include floating material, suspended material, settleable material, oil and grease, sediment, turbidity, pH, dissolved oxygen, temperature, toxicity, waste discharge and effluent limits, pesticides, and chemical constituents.

North Coast Regional Water Quality Control Board Basin Plan

The Porter-Cologne Water Quality Control Act of 1967, Water Code section 13000 et seq., requires the State Water Resources Control Board (SWRCB) and the nine Regional Water Quality Control Boards (Regional Boards) to adopt water quality criteria to protect State waters. These criteria include the identification of beneficial uses, narrative and numerical water quality standards, and implementation procedures. The criteria for the Project Area are contained in the Basin Plan. The Basin Plan, adopted by the California Regional Water Quality Control Board, North Coast Region, and amended in 2012, establishes a number of policies regarding discharges of wastewater. The Basin Plan also includes a Water Quality Control Plan for the Enclosed Bays and Estuaries of California, and a specific Action Plan for Humboldt Bay. The Action Plan for Humboldt Bay requires surveillance and monitoring, review and assessment of land use activities, and Regional Board coordination with other state and local agencies with regard to protecting water quality in Humboldt Bay. In order to assure protection of waters in Humboldt Bay, the Regional Board closely monitors construction and industrial activities that could potentially impact water quality.

Municipal Separate Storm Sewer System

As of July 1, 2015, all construction projects over one acre within a designated small Phase II municipal separate storm sewer system (MS4) must comply with both the state Construction General Permit and Phase II Small MS4 General Permits, as outlined below:

- National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ NPDES No. CAS000002 (Construction General Permit).

  Post-Construction Permit runoff standards do not need to be met where a project is subject to MS4 Permit Post-Construction Standards. In the event MS4 Requirements are not used, the CGP calls for replicating the pre-project water balance for the 85th percentile, 24-hour runoff event. Regardless of the MS4 requirements, a construction general permit must be obtained, and a construction Storm Water Pollution Prevention Plan must be prepared and submitted to the State Water Board, via SMARTS, with the appropriate Permit Registration Documents, Notice of Intent and appropriate fee. Appropriate Best Management Practices and site monitoring must be outlined in the Stormwater Pollution Prevention Plan and implemented onsite.

- Water Quality Order No. 2013-0001 – DWQ NPDES General Permit No. CAS000004 Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4 Permit).

  Projects that create or replace 5,000 sq ft or more of impervious surface are considered Regulated Projects under this Permit. Regulated Projects must use Site Design Measures, as defined in the Permit, to capture the maximum amount of the 85th percentile, 24-hour storm runoff event. Any runoff that cannot be captured by Site Design Measures must then be routed to an appropriate bioretention facility. Additionally, for projects creating or replacing over one acre of impervious surface, the MS4 Hydromodification Standards must be met. For this geomorphic province, the post-project runoff shall not exceed the estimated pre-project runoff for the 2-year, 24-hour storm event.

- The North Coast Regional Water Quality Control Board is responsible for enforcing the MS4 General Permit within Humboldt County.

In order to help guide communities to meet these MS4 low impact development (LID) requirements, the North Coast Stormwater Coalition, a group of stormwater management staff from the cities of Eureka, Arcata, Trinidad, Fortuna, Fort Bragg, and Yreka, the counties of Humboldt and Mendocino, and Cal Poly Humboldt, as well as local, state, and federal agency representatives, non-profit organizations, tribes, consultants, and engineers, have developed the Humboldt County Low Impact Development Stormwater Manual with which the Project would conform to benefit the public by providing a standardized approach regarding LID designs.

Wetland Riparian Area Protection Policy

The SWRCB adopted a State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures), for inclusion in the forthcoming Water Quality Control Plan for Inland Surface Waters and Enclosed Bays and Estuaries and Ocean Waters of California. The Procedures took effect May 28, 2020 and consist of four major elements: 1) a wetland definition; 2) a framework for determining if a feature that meets the wetland definition is a Water of the State; 3) wetland delineation procedures; and 4) procedures for the submittal, review, and approval of applications for Water Quality Certifications and Waste Discharge Requirements for dredge or fill activities. The Procedures, formerly known as the Wetland Riparian Area Protection Policy, has been renamed in order to communicate that the Procedures apply to all discharges of dredged or fill material to waters of the state, not just wetlands.

Section 1601

Section 1601 of the California Fish and Wildlife Code mandates that a public agency seeking to significantly alter the natural flow or modify the bed, channel, or bank of a river, stream, or lake must enter into an agreement with the Department of Fish and Wildlife. The purpose of this agreement is to safeguard the fish and wildlife habitat and preserve the ecological values associated with the affected water body. By ensuring compliance with this requirement, the state aims to protect and maintain the natural environment and its biodiversity.

California Coastal Act

The California Coastal Act (Coastal Act) of 1976 requires any person proposing to develop in the Coastal Zone to obtain a Coastal Development Permit or obtain coverage under a Consistency Determination. The Coastal Zone extends from the State's three-mile seaward limit to an average of approximately 1,000 yards inland from the mean high tide of the sea. In coastal estuaries, watersheds, wildlife habitats, and recreational areas, the Coastal Zone may extend as much as five miles inland. In developed urban areas, the Coastal Zone may extend inland less than 1,000 yards. The City of Arcata is partially within the Coastal Zone. The California Coastal Act contains policies relevant to hydrologic and water quality resources. The following Coastal Act section is relevant to this analysis:

Section 30233 Diking, filling or dredging

The diking filling or dredging of open coastal waters, wetlands, estuaries and lakes shall be permitted in accordance with other applicable provisions of this division where there is no feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the following:

(5) Incidental public service purposes

Section 30253 Minimization of Adverse Impacts

New development shall:

(1) Minimize risks to life and property in areas of high geologic, flood, and fire hazard

Assure stability and structural integrity, and neither create nor contribute significantly to erosion, geologic instability, or destruction of the site or surrounding area or in any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.

Local

City of Arcata General Plan

The City of Arcata General Plan contains guidelines for hydrology and water quality within the Resource Conservation and Management Element. The following policies from the Arcata General Plan are applicable to the proposed Project.

Policy LU-4: Industrial Land Use

Objective. *Provide for uses which will retain and generate jobs, including labor intensive manufacturing, processing, assembly, warehousing, services, and complementary non-industrial uses, in appropriate locations.*

Applicable sub-policies:

- ***LU-4b: Conversion and reuse of old industrial sites.*** *The City shall encourage the conversion and reuse of abandoned or inactive industrial sites such as closed lumber mill sites. An environmental site assessment will be required for sites where prior uses may have caused soil contamination. Manufacturing uses may be allowed on older I-G sites, where activities are conducted in enclosed spaces and noise, light, air quality, or traffic impacts do not significantly impact adjacent uses.*

Policy PF-1: Water Supply and Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies.*

Applicable sub-policies:

- ***PF-1a: Water supply.*** *Surface and subsurface water quantities that supply the City are dependent on rainfall and adequate upstream storage.*

  The City shall continually monitor the water quantity and quality in its system and adhere to the Humboldt Bay Municipal Water District's rationing system to ensure that adequate supplies reach all users. The City shall also develop additional water sources to meet current peak use and future use demands.

- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation. Water rates will continue to be higher for*

consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.

Policy PF-2: Wastewater Collection, Treatment, & Disposal

Objective. *Collect and treat wastewater to achieve safe water quality standards, utilizing the City's internationally renowned marsh treatment facility.*

Applicable sub-policies:

- ***PF-2a: Capacity and management of City wastewater collection system.*** *The wastewater collection system is designed to transport community sewage to the treatment plant. The City shall update its Collection System Maintenance Program, at least every five years, to maintain current projections, management, and contingency programs for wastewater collection. The Plan shall identify needed collection system improvements and anticipated extensions, so that they can be budgeted for in the City's Capital Improvement Program. The City shall continue to monitor groundwater infiltration and surface water inflow (I/I) and take necessary action to ensure that these sources do not cause the collection system or the treatment plant to exceed capacity. The City wastewater collection system shall not be extended beyond the Urban Services Boundary except as provided in Policy GM-4b.*
- ***PF-2b: Arcata Marsh wastewater treatment system.*** *The City shall update its Wastewater Treatment Plant Master Plan, at least every five years, to evaluate the entire system; reflect any changes in treatment standards; ensure wastewater treatment is meeting current standards; verify that there is adequate treatment system capacity; and assure adequate water flows to maintain habitat. The City shall maintain the existing facilities of the Arcata Marsh and Wildlife Sanctuary and construct new facilities consistent with the Marsh Enhancement Plan adopted by the City Council.*
- ***PF-2c: Compliance with California Regional Water Quality Control Board wastewater treatment and discharge standards.*** *The City shall regularly test its wastewater and make necessary adjustments in treatment levels, to ensure that it meets California Regional Water Quality Control Board standards. The City shall also keep its National Pollution Discharge Elimination System Permit (NPDES) current and in compliance with U.S. Environmental Protection Agency standards.*
- ***PF-2d: Composting and disposal of sludge and other system byproducts.*** *The City includes sewage sludge in compost processed at the treatment plant. The City uses this composted material as a soil amendment. The City shall continue this practice as an efficient means of recycling treatment plant by-products and shall investigate the possibility of selling excess compost to generate revenue.*
- ***PF-2e: Treatment of wastewater from other communities.*** *The City, until 2012, accepts for treatment wastewater from the unincorporated community of Fieldbrook. This practice may continue as long as there is adequate treatment system capacity. The City shall not enter into any new agreements for processing wastewater from other communities.*

Policy PF-3: Stormwater Management

Objective. *Implement the City's drainage master plan to utilize natural drainage systems; minimize increases in stormwater runoff, flooding, and erosion; maintain the integrity of stream hydrology; reduce pollutant loads; and acquire easements and properties for effective drainage management.*

Applicable sub-policies:

- ***PF-3a: Utilization of City streams and watercourses as natural drainage systems.*** *Arcata's network of creeks provide a natural drainage system, however, they are very susceptible to damage from urban pollutants carried by runoff, and from drainage facilities that alter creek flows and natural functions. The City shall utilize creeks for urban drainage only when the basic natural functions will not be degraded.*

- ***PF-3b: Control of stormwater runoff, flooding, and erosion.*** *Stormwater runoff, especially at peak flows, can cause significant flooding and erosion if adequate precautions have not been taken. As stated in the Drainage Master Plan, the City shall manage the storm and surface water system in Arcata to maintain a hydrologic balance in order to protect water quality, prevent property damage, provide for the safety and enjoyment of citizens, and preserve and enhance habitat and sensitive areas.*
- ***PF-3c: Stormwater quality.*** *Enforce surface water controls, facilities such as detention basins and natural infiltration areas, and education programs to protect surface and ground-water quality.*
- ***PF-3d: City drainage system.*** *The City shall take a comprehensive approach to drainage system management in order to effectively control the quantity of stormwater runoff, assure water quality, and reduce potential flood damage from peak flows. As stated in the City Drainage Master Plan, the City shall gradually expand the City managed drainage system to:*
    1. *Continue maintenance of all drainage facilities within public right-of-way, regardless of size.*
    2. *Extend responsibility onto private property only when permanent easements are dedicated or otherwise available from the private property owner, and need is established based on technical criteria.*
    3. *Define service limits upstream of the City as the point at which runoff from a publicly (not county) dedicated street enters the drainage system, or when a drainage feature needs repairs/improvements which have public benefits that exceed the cost of said repairs/improvements.*
- ***PF-3e: Easements and properties for drainage management.*** *The City shall secure the easements and properties necessary to complete and maintain the drainage system identified in the Drainage Master Plan.*

Policy OS-1: Overall Open Space System

Objective. *Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together in a network wherever practical for accessibility, managed for resource production, and maintained for enjoyment by City residents and visitors.*

Applicable sub-policies:

- ***OS-1a: Designation of open space lands with native biotic resources and ecosystems.*** *The native biotic resources of the forested western slopes of Fickle Hill, river and creek riparian zones, the Arcata and Aldergrove Marshes, and Arcata Bay tidelands and sloughs are unique ecosystems that have important habitat values in addition to their other open space values. These areas as designated on Map OS-a shall be protected as open space for their resource values.*
- ***OS-1c: Relationship to Resource Conservation and Management and Public Safety Elements.*** *This element identifies hazard areas that shall be maintained as open space for the benefit of the community. The policies of this element and policies found in the Public Safety Element provide common direction for the designation and avoidance of hazard areas. The natural open space features of these areas, such as vegetation, shall be retained, except where they contribute to instability or increase hazards.*

Policy OS-2: Natural Resource Protection and Enhancement

Objective. *Designate, maintain, and enhance natural resource areas, including sensitive habitat areas, necessary to sustain plant and animal life and native biological diversity.*

Applicable sub-policies:

- ***OS-2a Open space plan map designations for natural resource protection.*** *Publicly held lands containing creeks, wetlands, other open water, marsh, sensitive habitat, forests, and other important natural resources are designated on the Open Space Map.*

- ***OS-2b: Development limitations and management for maintenance of biotic resources and diversity, including aquatic resources and sensitive habitats.*** *Creeks, marshes, and wetlands are significant components of Arcata's natural open space system. The City shall restore and maintain this system for the benefit of residents, visitors, fish, and wildlife.*

  The Arcata Bay and tidelands represent an important natural edge and open space feature of the City. Buildings, landform alterations, or access routes in this area shall be of a design and scale that preserves open space and natural characteristics and maintains public views to the Bay.

  Local creeks which flow openly through the developed portion of the community shall have biological corridors and greenways established and shall be maintained as visual assets to any developments which adjoin them.

  The natural features of the Mad River corridor, Arcata's creeks and adjacent areas, marshes, and other wetland areas, shall be retained.

  Unique vegetation and wildlife areas shall remain in a natural condition. Such areas include sand dunes and backdune woodlands, eel grass area, salt marshes, and special habitats (tern and osprey nesting areas, cormorant rookery, harbor seal area and egret roost). The policies of this element shall also call for protection for habitat of species that become threatened in the future.

Policy OS-3: Open Space for Managed Production of Resources

Objective. *Designate and conserve resource areas, including forest and agricultural lands, fisheries and aquaculture, groundwater, and mineral resources, for their sustainable, long-term productive capabilities*

Applicable sub-policies:

- ***OS-3a: Designations for forest, agriculture, fisheries, aquaculture, groundwater, and mineral resource uses and management.*** *All publicly held lands, and some privately held lands adjacent to the Community Forest and east of Aldergrove Industrial Park, actively managed for production of forest, fisheries, aquaculture and mineral resources are designated as Natural Resource [NR] on the General Plan Land Use Element map. Productive agricultural lands are designated on the Open Space Map.*

- ***OS-3b: Development limitations and management for productive resource areas.*** *The policies of the Resource Conservation and Management Element shall be followed for the development and management of productive resource lands. This includes policies for: Natural Biological Diversity; Streams Management; Wetlands Management; Baylands and Tidelands; Agricultural and Forest Resources; and Water, Energy, Soils and Mineral Resources. The City shall require that management of open space resources be consistent with these and other applicable General Plan policies.*

Policy OS-5: Open Space in Health and Safety Hazard Areas

Objective. *Designate health and safety hazard areas such as seismic fault and liquefaction zones, unstable soils or slopes, floodplains, areas susceptible to wildland fire, and watershed/reservoir safety zones. Provide appropriate protections, or restrictions, to minimize unnecessary exposure of people and property to health and safety hazards.*

Applicable sub-policies:

- ***OS-5a: Designation of open space for public safety.*** *Designated open space for public safety is shown on Figure OS-a. Setbacks for seismic faults and liquefaction zones, unstable soils or steep slopes, mapped Flood Hazard Zone A, areas susceptible to wildland fire, and watershed/reservoir*

safety zones, shall be established as part of the development review process. Where severe safety considerations exist (e.g., within the Alquist-Priolo Zone), open space easement shall be granted to the City to protect people and property from health and safety hazards.

Open space areas, with slopes 15% or greater shall retain their natural landform features; excavation shall be restricted, according to the City's adopted grading ordinance, and removal of vegetation shall be limited to selected thinning of timber stands and removal of hazard trees.

Open Space areas that are flood-prone may be used for agricultural and recreational purposes but shall be kept free from urban development. A flood plain overlay zone shall be applied to all Natural Resource [NR] and Agricultural [AE] areas subject to inundation according to the Flood Insurance Rate Map Hazard Boundary Map) developed by the Federal Emergency Management Agency (FEMA) or the Federal Insurance Administration.

- ***OS-5b: Development limitations and management for health and safety hazard areas.*** *The policies of the Public Safety Eleme shall be followed for all development activity in areas with known or suspected safety hazards. In particular, seismic hazards, other geological hazards, and flood policy topics are applicable.*

Policy RC-1: Natural Biological Diversity/ Ecological Function

Objective. *Set an overarching policy that emphasizes the overall value of biological diversity and the fact that all natural resources are optimized when they function as part of a healthy ecosystem.*

Applicable sub-policies:

- ***RC-1c: Habitat value protection.*** *Environmentally sensitive habitat areas (ESHA) shall be protected against any significant disruption of their habitat values, and only uses dependent on and compatible with maintaining those resources shall be allowed within ESHAs. Proposed development in areas adjacent to ESHAs shall be sited and designed to prevent impacts which would significantly degrade such areas, and must be compatible with the continuance of such habitat areas.*
- ***RC-1d: Sensitive habitat definition.*** *The City declares the following to be ESHAs within the Planning Area:*
    1. *Rivers, creeks, sloughs, and associated riparian habitats: Mad River; Jacoby Creek; Beith Creek; Grotzman Creek; Campbell Creek; Jolly Giant Creek; Janes Creek; Gannon Slough; Butcher Slough; and McDaniel Slough.*
    2. *Wetlands, estuaries, and associated riparian habitats: Arcata Bay; Mad River Slough; Liscom Slough; Butcher Slough; the Aldergrove marshes and ponds; and the Arcata Marsh and Wildlife Sanctuary.*
    3. *Other unique habitat areas: waterbird rookeries; shorebird concentration sites; habitat for all rare, threatened, or endangered species on federal or state lists; and vegetated dunes.*
    4. *Public Trust lands such as grazed or farmed wetlands (i.e., diked/reclaimed former tidelands).*
- ***RC-1h: Habitat integration for ecological integrity and development of a protected habitat corridor system.*** *An ecological connection network plan for linking native habitats in the Planning Area, and all of the environmentally sensitive habitat areas identified in this Plan, shall be prepared. The network shall incorporate all existing large areas (or "nodes") of habitat for fish and wildlife species (such as marshes and forests) and "linkages" or "corridors" of natural habitat (such as stream zones and sloughs) for migration and species movement. The plan will link large "nodes" of natural habitat together with the “linkage” connections as a functioning ecological network. Nodes and linkages shall include a "core" of natural ecosystem elements and shall provide a protected "buffer" along the outer margins of the core habitat which shall function to protect the ecological values in the "core" habitat.*

Policy RC-2: Streams Conservation & Management

Objective. *Enhance, maintain, and restore the biological integrity of entire steamcourses (headwaters to mouth), and their associated riparian habitats, as natural features in the City's landscape.*

Applicable sub-policies:

- ***RC-2a: Designation of protected streams.*** *The provisions of this policy shall apply to those streams shown on the Protected Watercourse Map (Figure RC-a). These watercourses and their associated riparian areas serve as habitat for fish and wildlife, provide space for the flow of stormwater runoff and flood waters, and furnish open space and recreational areas for city residents.*
- ***RC-2b: Environmental Buffer Area (EBA).*** *A streamside protection area is hereby established along both sides of the streams identified on the City Watercourse Map. The purpose of the EBA is to remain in a natural state in order to protect streams' ecosystems and their associated riparian habitat areas. The EBA shall include:*

  1. *In areas where existing development, as defined in the Land Use Code, is adjacent to the stream, the EBA shall be not less than 25 feet outward on both sides of the stream, measured from the top of bank.*
  2. *In all other locations within the City, the EBA shall be not less than 100 feet outward on both sides of the stream, measured from the top of bank.*
  3. *In locations within the City having significant areas of riparian vegetation exceeding 100 feet in width measured from the top of bank, the EBA shall be expanded to encompass all of the riparian vegetation, except in no case shall the EBA exceed 250 feet in width from the top of bank on either side of the stream.*

  EBAs outside of the City shall follow the policies in the Humboldt County Framework Plan, regarding Streamside Management Areas.
- ***RC-2c: Allowable uses and activities in Environmental Buffer Areas.*** *The following compatible land uses and activities may be permitted in EBAs, subject to all other policies in this Element, including those requiring avoidance of impacts and other mitigation requirements:*

  1. *Outside the Coastal Zone:*
     a. *agricultural operations compatible with maintenance of riparian resources;*
     b. *fencing along property boundaries and along EBA setback boundaries to prevent bank erosion and degradation of natural riparian vegetation by livestock;*
     c. *maintenance of existing roads, driveways, and structures;*
     d. *construction of public road crossings;*
     e. *forest management practices as permitted by the State of California or Arcata's Forest Management Plan;*
     f. *construction and maintenance of foot trails for public access;*
     g. *construction and maintenance of utility lines;*
     h. *resource restoration projects;*
     i. *emergency or preventive removal of sediment and vegetation for flood control purposes (only when authorized by the City of Arcata).*
  2. *In the Coastal Zone:*
     a. *all uses and activities listed in (1) above;*

b. public coastal access improvements;

c. boat launching facilities.

3. If the provisions herein would result in any legal parcel, not on Public Trust lands, created prior to the date of this plan, being made unusable in its entirety for any purpose allowed by the land-use plan, exceptions to the foregoing may be made to allow a reasonable economic use of the parcel, subject to approval of a conditional use permit. Any land use, construction, grading, or removal of vegetation which is not listed above shall be prohibited.

- ***RC-2d: The Wetland and Stream Protection Combining (:WSP) Zone.*** *The WSP zone of the Land Use and Development Code shall be applied to all streamside protection areas. [The WSP zone should be a land use designation under the NR district, e.g., NR-WSP, NR-AG, NR-TPZ.]*

- ***RC-2e: Review and approval of projects affecting streamside protection areas.*** *Applications for development on any parcel which is located partially or wholly within an SPA shall be subject to the requirements of Policy RC-1 and RC-2.*

- ***RC-2f: Conservation easement.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the EBA shall be required as a condition of approval of any discretionary planning permit, including design review, when any portion of the project site falls within an EBA. Such easements may be conveyed to the City of Arcata, to another governmental agency which shall manage the easement to protect the EBA's functions, or to an appropriate non-profit entity.*

- ***RC-2g: Maintenance of streams as natural drainage systems.*** *Arcata's creeks carry a significant amount of the City's stormwater. Drainage controls shall be enforced through implementation of the Drainage Master Plan, to protect water quality, and minimize erosion, sedimentation and flood impacts to City creeks. A comprehensive stream maintenance program shall be prepared to augment stormwater utility rehabilitation projects designed to improve flow capacity, minimize channel erosion, and enhance riparian habitat.*

- ***RC-2h: Restoration of degraded creek resources.*** *Portions of Janes, Jolly Giant, Campbell, and Grotzman Creeks are culverted or covered, causing degradation of creek resources. Streams such as Janes Creek have tide gates which are barriers that prevent anadromous salmonids from accessing critical habitat. Furthermore, recreational use has degraded riparian vegetation along upland reaches of certain creeks (e.g., Jolly Giant, Campbell, and Jacoby Creeks) within Redwood Park and the Community Forest. Lack of vegetation along creek courses can cause erosion, resulting in water and airborne impacts. Restoration activities for improving degraded stream resources shall include:*

  1. Uncovering of creek courses in public rights-of-way, as part of public works improvement projects.
  2. Encouraging landowners to restore degraded EBA and stream resources, including native riparian vegetation establishment and exotic species removal, as part of a new development or renovation.
  3. Controlling uses that are damaging to upland reaches of creeks in the Community Forest and Redwood Park.
  4. Removing or modifying barriers such as tide gates that prevent migrating anadromous salmonids which are federally listed endangered species from reaching their critical habitat.
  5. Exclusionary fencing to keep livestock out of the EBA.

  The Streams Management Plan shall be implemented to provide guidance for rehabilitation and management of creeks that flow through Arcata. The SMP addresses new and modified development along creeks, and existing activities in creek zones. Stream rehabilitation projects shall be designed to maintain or improve flow capacity, trap sediments and other pollutants which decrease water quality, minimize channel erosion, prevent new sources of pollutants from entering the stream, and enhance instream and riparian habitat. [Policies RC-2b, c, f, & h revised by Ordinance No. 1377, September 2008]

Policy RC-7: Water Resources Management

Objective. *Manage Arcata's water resources from a watershed perspective, to maintain surface and subsurface water quality and quantity. Runoff will be managed for the benefit of aquatic habitats.*

Applicable sub-policies:

- ***RC-7a: Protection of surface waters from point and nonpoint pollution sources.*** *The use of natural stormwater drainage systems, which preserve and enhance natural features, shall include the following:*
  1. *Efforts to acquire land or obtain easements for drainage and other public uses of floodplains, where desirable to maintain stream courses in a natural state, shall be supported.*
  2. *Recreational opportunities and aesthetics shall be considered in the design of stormwater detention/retention and conveyance facilities.*
  3. *Sound soil conservation practices shall be required, and impacts of proposed developments, with regard to water quality and effects on watersheds, wetlands and drainage courses, shall be carefully examined.*
  4. *The quality of runoff from urban and suburban development shall be improved through use of appropriate and feasible mitigation measures including, but not limited to, artificial wetlands, grassy swales, infiltration/sedimentation basins, riparian setbacks, oil/grit separators, and other best management practices (BMPs).*
  5. *New development shall be required to mitigate to the maximum extent feasible increases in stormwater peak flows and/or volume. Mitigation measures should take into consideration impacts on the Mad River, Arcata Bay, and adjoining lands in the City and Planning Area.*
  6. *New project designs shall minimize drainage concentrations, maximize permeable surfaces (such as unpaved parking areas) and maintain, to the extent feasible, natural site drainage conditions.*
  7. *New projects that affect the quantity and quality of surface water runoff shall be required to allocate land necessary for detaining post-project flows and/or for incorporating measures to mitigate water quality impacts related to urban runoff. To the maximum extent feasible, new development shall not produce a net increase in peak stormwater runoff.*
- ***RC-7b: Protection of groundwater sources.*** *Septic systems and onsite disposal of toxic substances are the leading causes of groundwater contamination. Septic systems within the Urban Services Boundary shall not be permitted, and incidents of onsite toxics disposal shall be referred to the appropriate county and state agencies.*
- ***RC-7c: Watershed and urban runoff management.*** *To protect structures, critical facilities, existing habitat values and water quality, flooding shall be managed on a watershed basis, using a combination of biotechnical solutions, flood protection practices, and Drainage Master Plan's management practices.*
- ***RC-7d: Water quality monitoring.*** *Water quality and quantity shall be monitored on a regular basis to ensure that City policies are being adhered to.*

Policy PS-2: Seismic Hazards

Objective. *Protect existing and new structures from seismic hazards. Identify and map seismic hazards and assure that any development within such hazard areas does not proceed until geologic and soils conditions are adequately investigated and appropriate mitigation measures, if any, are incorporated into development plans.*

Applicable sub-policies:

- ***PS-2e: Shoreline hazards (tsunami, tidal flooding).*** *A State of California study (Planning Scenario in Humboldt and Del Norte Counties, California, for a Great Earthquake on the Cascadia Subduction*

Zone, Special Publication 115, California Department of Conservation, Division of Mines & Geology, 1995) indicates that the Arcata Bay shoreline and adjacent areas, between McDaniel Slough and Mad River Slough, could be inundated by tsunami run-up. The City shall prohibit the location of critical facilities in the tsunami run-up area, and use available emergency broadcasting systems to communicate tsunami warnings. Should coastal access within the tsunami run-up zone be provided in the future, appropriate evacuation route signage shall be posted.

- ***PS-2f: Failure of Matthews Dam.*** *All new buildings designed for human occupancy or use that are located in the area of potential inundation resulting from a catastrophic failure of Matthews Dam shall have an early-warning system and evacuation plan in place for those persons living and working there.*
- ***PS-2h: Public information and disclosure.*** *The Humboldt Earthquake Education Information Center at Humboldt State University, and the City of Arcata have earthquake/tsunami awareness information that is available to the public. The Center and the City will continue to make the most current information available to help the community prepare for and respond to seismic events.*

Policy PS-3: Other Geologic Hazards

Objective. *Protect existing and new structures from non-seismic geologic hazards such as unstable slopes and soils. Require that all non-seismic geologic hazards be adequately addressed and mitigated.*

Applicable sub-policies:

- ***PS-3a: Slope stability hazards.*** *Slope areas greater than 15%, shown on Figure PS-a, and certain less steep slopes with erosive soils may become unstable if disturbed. The City shall restrict grading, vegetation removal, and new construction in areas with unstable soils unless it can be demonstrated that these activities can occur without impacts. All grading of slope areas shall follow natural contours to maximize stability.*
- ***PS-3b: Grading standards for erosion and sedimentation control.*** *The design, extent, and location of grading shall minimize disturbance of the natural terrain and land features and shall not impact offsite areas. Trees and native vegetation shall be retained around graded areas to stabilize hillsides; retain moisture; reduce erosion, siltation and nutrient runoff; and retain the natural beauty of the area. Cleared areas susceptible to erosion shall be stabilized so that no materials are transported offsite.*

Policy PS-4: Flood Hazards

Objective. *Protect current and future populations and property from flood hazards. Assure that new development within floodplains does not proceed until appropriate mitigation measures are incorporated into development plans.*

Applicable sub-policies:

- ***PS-4a: Floodplain Mapping.*** *The City shall continue participating in the National Flood Insurance Program and maintain the most current Flood Insurance Rate Maps (FIRM) on file. The City shall also continue requesting that the Federal Emergency Management Agency provide hydrographic modeling (using the 1964 flood levels as a benchmark) and an update of flood mapping for the Mad River.*
- ***PS-4b: Limitations to development adjacent to Arcata Bay and along Bay shoreline (tidal flooding, tsunami, failure of dikes or tidegates).*** *The Arcata Bottom and other low lying areas adjacent to Arcata Bay, McDaniel, Butcher's and Gannon Sloughs, and Arcata Marsh are susceptible to flooding from extreme Bay tidal action, tsunami runup, seiche, dike or tidegate failure, heavy rainfall that can't drain, and Mad River flood events. Where not otherwise restricted, habitable structures and related improvements shall be appropriately elevated above flood levels, designed so as not to restrict flood flows, and shall comply with applicable provisions of Resource Conservation and Management Policy RC-2: Streams Conservation and Management, pertaining to Streamside Protection Areas (RC-2b and RC-2c). Land alterations for recreation and natural resource uses shall also not restrict or increase or channelize flood flows in a way that could cause inundation to adjacent areas.*

- ***PS-4c: Limitations on development within Flood Zone.*** *The mapped Floodzone A as determined by FEMA should be kept free of structures and other obstructions that would restrict flood flows. New construction in Flood Zone A shall be elevated, flood-proofed, designed to not constrict flood flows or drainage, and/or include other features, such as access for evacuation and emergency response, to protect human safety and minimize property damage. Landform alterations shall not impede flood flows in adjacent upstream or downstream areas. Any development in the floodplain must be consistent with City floodplain zoning regulations.*
- ***PS-4d: Limitations to development within flood hazard zones.*** *Arcata's creeks and sloughs have the potential to cause localized flooding and shall be maintained to allow the flow of floodwaters. Structures and other land form alterations in areas susceptible to localized flooding, outside areas defined in policies RC-2b and RC-3c, should be setback from the watercourse. Elevated and flood-proofed structures, and/or floodwater detention basins shall be provided to minimize flood damage and prevent any net increase in floodflows upstream or downstream. The City shall promote flood management practices for entire watercourses, to minimize the need for sandbagging and other temporary flood control measures that can have detrimental impacts to adjacent areas.*
- ***PS-4e: Flood Insurance.*** *Flood insurance is available from private insurers to compensate home and business owners for flood-related losses. Flood insurance rates are set by a site's proximity to mapped flood-prone areas. The City shall make information about flood-prone areas available to the public, to aid community residents and business owners in determining whether flood insurance should be purchased.*
- ***PS-4f: Development standards in floodplains (surface drainageways and detention areas).*** *All plans for new construction that could potentially encroach into a floodplain must incorporate measures for flood protection and show that there will be no adverse impact to the carrying capacity of the floodway. Setbacks, easements covering Floodzone A, and minimal use of impervious surfaces are measures strongly encouraged. Elevation of structures, anchoring, flood-proofing, and construction of detention basins are considered secondary and less desirable measures. The City's floodplain administrator shall verify this information and require appropriate certification before any development permits are granted.*
- ***PS-4g: Preventive maintenance of streams and drainageways.*** *Local streams carry the majority of Arcata's floodwaters and shall be maintained for flood protection as well as natural biological functions. All improvements and maintenance shall be done in accordance with the City's Drainage Master Plan.*
- ***PS-4h: Development review.*** *drainage standards and drainage fees. All new development shall meet current City drainage standards and pay all applicable drainage fees. The City shall provide incentives to reduce the amount of impervious surface associated with new and renovated uses by reducing drainage fees.*

Policy PS-6: Hazardous Materials

Objective. *Minimize the personal injury, property damage, and public health risks associated with the production, use, storage, disposal, and transporting of toxic substances or hazardous materials.*

Applicable sub-policies:

- ***PS-6b: Contaminated sites.*** *There are sites in and around the City where wood product milling and production, vehicle and equipment storage and repair, agricultural production, and other uses may have resulted in site contamination. Materials such as lead based paints may also contribute to contamination. Many of these sites are inactive and may be appropriate for alternative uses. Environmental Site Assessments shall be required prior to development review and approval of potentially contaminated sites, and cleanup is required prior to reuse. The City shall record and map sites with known contamination.*

- ***PS-6c: Use of potentially harmful materials on public lands and rights-of-way.*** *The City of Arcata does not use toxic sprays or substances on vegetation in public lands or rights-of-way, and has been persuasive in stopping State agencies, such as Cal-Trans, from using toxic sprays along State rights-of-way within the City limits. The City shall continue this practice and prohibit other public agencies from using toxic sprays or substances within the City limits (see Resource Conservation and Management Element Policy RC-1i).*
- ***PS-6d: Siting of facilities handling hazardous waste.*** *Businesses and agencies that use, store, or produce hazardous materials shall train employees and other users in safe handling and storage procedures, and shall post current Occupational Safety and Health Act (OSHA) and Humboldt County hazardous materials requirements. Businesses shall also comply with Federal "community right-to-know" regulations. The City shall consider proximity to sensitive receptors, such as schools, hospitals and other health care facilities, day care centers, and other immobile populations, when reviewing new facilities and businesses involved in these activities.*

Proposed City of Arcata General Plan 2045

Policy LU-6: Agricultural and Natural Resource Lands

Objectives. *Preserve and promote the sustained production of natural resources; preserve and promote the agricultural, forest, and aquaculture lands; and protect public natural resource/open space lands, including stream courses, wetlands, tidelands, and open space areas. Provide for complementary uses including farm worker housing, processing of agricultural and aquaculture products, and access for timber harvesting, in designated areas.*

Applicable sub-policies:

- ***LU-6e: Restoration of former tidelands.*** *The City of Arcata recognizes the need to restore former tidelands to salt marsh in order to adapt to rising sea levels and promote biodiversity and a safe environment. The City shall encourage and support the restoration of former tidelands, currently zoned Agricultural Residential [A-R] or Agricultural Exclusive [A-E].*

Policy PF-1: Water Supply and Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies. PF-1a Water supply. Surface and subsurface water quantities that supply the City are dependent on rainfall and adequate upstream storage. The City shall continually monitor the water quantity and quality in its system and adhere to the Humboldt Bay Municipal Water District's rationing system to ensure that adequate supplies reach all users.*

Applicable sub-policies:

- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation and shall remain in compliance with Humboldt Bay Municipal Water District policy regarding its Five-Stage Water Rationing System. Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices.*

  Water rates will continue to be higher for consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. Building and site development permits that require connections to the City's water system shall incorporate water conservation design features and best management practices.

The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.

In response to water shortages, the City will work cooperatively with the regional water supplier and the supplier's other municipal customers to implement an effective water shortage contingency plan that defines response actions based on the severity of the water shortage. End use prohibitions shall be determined based on current conditions, recommendations of a regional task force, and historic water use data and trends, and will be considered for mandatory penalties, charges and other escalating enforcement actions including education and outreach, issuing a verbal/written warning, penalty assessment, and water service termination. The City may consider imposing sharply graduated excessive use rates and/or excessive use fines, additional forms of water rationing, warnings, and physical flow restrictions to water users who fail to respond to less severe sanctions.

Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices.

- ***PF-1e: Water Loss.*** *The City shall perform annual water loss audits to identify and better understand the type of and quantity of water losses occurring in the water distribution system. The City shall ensure that it meets any water conservation/water loss standards promulgated by the State Water Resources Control Board.*

Policy PF-2: Wastewater Collection, Treatment, & Disposal

Objective. *Collect and treat wastewater to achieve safe water quality standards, utilizing the City's internationally renowned marsh treatment facility.*

Applicable sub-policies:

- ***PF-2a: Capacity and management of City wastewater collection system.*** *The wastewater collection system is designed to transport community sewage to the treatment plant. The City shall update its Sewer System Management Plan, at least every five years, to maintain current projections, management, and contingency programs for wastewater collection. The Plan shall identify needed collection system improvements and anticipated extensions, so that they can be budgeted for in the City's Capital Improvement Program. The City shall continue to monitor groundwater infiltration and surface water inflow (I/I) and take necessary action to ensure that these sources do not cause the collection system or the treatment plant to exceed capacity. The City shall also consider adopting building and land use code policies that provide incentives for design, operation, and technology for buildings and sites to minimize wastewater as well as stormwater loads. The City wastewater collection system shall not be extended beyond the Urban Services Boundary except as provided in Policy GM-4b.*
- ***PF-2b: Arcata wastewater treatment system.*** *The City shall continually review and update its Arcata Wastewater Treatment Facility Operations and Maintenance Manual, at least every five years, to evaluate the entire system; reflect any changes in treatment standards; ensure wastewater treatment is meeting current standards; verify that there is adequate treatment system capacity; and ensure adequate water flows to maintain habitat. The City shall ensure ongoing treatment system planning and investments are consistent with mid- and long-range climate adaptation goals, which balance preserving the City's existing investments with habitat restoration and sea level adaptation priorities. Goals, priorities, planning assumptions, and the best available science on which they are based, shall be reviewed publicly through City committees and the Planning Commission at the discretion of the City Council.*
- ***PF-2c: Protecting, improving and restoring water quality.*** *Protecting surface and ground water quality, preventing water pollution, restoring water quality in waterways and wetlands within the City*

and in receiving waters of California and the United States shall guide design, construction, and operation of the City's water management infrastructure. The City shall use necessary resources to comply with State Regional Water Quality Control Board wastewater treatment and discharge standards. The City shall regularly test its wastewater discharges and make necessary adjustments in treatment processes, to ensure that effluent meets the State Regional Water Quality Control Board and National Pollution Discharge Elimination System (NPDES) permit standards.

- ***PF-2d: Composting and beneficial reuse of biosolids and other system byproducts.*** *The City includes biosolids in compost processed at the treatment plant. The City uses this composted material as a soil amendment. The City shall continue this practice as an efficient means of recycling treatment plant by-products and shall investigate the possibility of selling excess compost to generate revenue. This requires the City to protect the quality of its sludge by implementing an industrial and high-volume discharger wastewater pre-treatment program. (See Policy PF-2g Source Control Program, below.)*

- ***PF-2e: Treatment of wastewater from other communities.*** *The City accepts for treatment wastewater from the Fieldbrook Glendale Community Services District. This practice may continue as long as there is adequate treatment system capacity. The City shall not enter into any new agreements for processing wastewater from other communities, nor shall the City accept additional loadings from any connection from other communities through the Fieldbrook Glendale system.*

- ***PF-2g: Source Control Program.*** *The City shall maintain a source control and pretreatment program that provides the legal authority to regulate non-domestic sewer use to control discharges of industrial waste. The source control and pretreatment program shall include legal authority, local limits, pretreatment permitting, and an enforcement response plan.*

Policy PF-3: Stormwater Management

Objective. *Implement the City's Drainage Master Plan and abide by the MS4 Permit to utilize natural drainage systems; minimize increases in stormwater runoff, flooding, and erosion; maintain the integrity of stream hydrology; and reduce pollutant loads.*

Applicable sub-policies:

- ***PF-3c: Stormwater quality.*** *Implement the City's Phase II MS4 Permit to reduce the discharge of pollutants to the maximum extent practicable and protect water quality. Manage surface water controls, facilities such as detention basins and natural infiltration areas, and education programs to protect surface and ground-water quality.*

Policy OS-1: Overall Open Space System

Objective. *Designate, maintain, and enhance the quality, and increase the amount of permanently protected open space in the Arcata Planning Area, including: natural resource areas; resource production areas; outdoor recreation areas; and areas subject to health and safety hazards. These areas are to be protected, linked together wherever practical for habitat connectivity, managed for resource production, and maintained for enjoyment by City residents and visitors.*

Applicable sub-policies:

- ***OS-1c: Relationship to Resource Conservation and Management and Public Safety Elements.*** *Identified hazard areas shall be maintained as open space for the benefit of the community. The policies of this element and Public Safety Element policies provide common direction for hazard area designation and avoidance. The natural open space features of these areas, such as vegetation, shall be retained, except where they contribute to instability or increased hazards.*

Policy OS-2: Natural Resource Protection and Enhancement

Objective. *Designate, maintain, and enhance natural resource areas, including sensitive habitat areas, necessary to sustain plant and animal life and native biological diversity.*

Applicable sub-policies:

- ***OS-2a Open space plan map designations for natural resource protection.*** *Publicly held lands containing creeks, wetlands, other open water, marsh, sensitive habitat, forests, and other important natural resources are designated on the Open Space Map (Figure OS-a). While this map is comprehensive, it is not exhaustive. Additional natural resource lands suitable for protection may be identified through site specific studies and or develop in new areas due to changing environmental conditions.*

- ***OS-2b: Development limitations and management for maintenance of biotic resources and diversity, including aquatic resources and sensitive habitats. Creeks and wetlands are significant components of Arcata's natural open space system.*** *The City shall restore and maintain this system for the benefit of tribal members, residents, visitors, fish, and wildlife.*

  The Arcata Bay and tidelands represent an important natural edge and open space feature of the City. Buildings, landform alterations, or access routes in this area shall be of a design and scale that preservers open space and natural characteristics and maintains public views to the Bay.

  Local creeks which flow openly through the developed portion of the community shall have biological corridors and greenways established, and shall be maintained as visual assets to any developments which adjoin them. Daylighting of channelized or culverted creeks is encouraged where feasible, with a special emphasis on Jolly Giant Creek.

  The natural features of the Mad River corridor, Arcata's creeks and adjacent areas, marshes, and other wetland areas, shall be retained.

  Unique vegetation and wildlife areas shall remain in a natural condition. Such areas include sand dunes and backdune woodlands, eel grass area, salt marshes, and special habitats (tern and osprey nesting areas, cormorant rookery, night heron and egret rookeries, and harbor seal resting areas). The policies of this element shall also call for protection for habitat of species that become threatened in the future.

Policy RC-1: Natural Biological Diversity/ Ecological Function

Objective. *Set an overarching policy that emphasizes the value of biological diversity and the optimal function of natural resources a as part of a healthy ecosystem.*

Applicable sub-policies:

- ***RC-1d: Identification of Environmentally Sensitive Habitat Areas.*** *The City declares the following to be ESHAs within the Planning Area:*

  1. *Rivers, creeks, sloughs, and associated riparian habitats: Mad River; Jacoby Creek; Beith Creek; Fickle Hill Creek; Grotzman Creek; Campbell Creek; Jolly Giant Creek; Janes Creek; Gannon Slough; Butcher Slough; and McDaniel Slough.*
  2. *Wetlands, estuaries, and associated riparian habitats: Arcata Bay; Mad River Slough; Liscom Slough; Butcher Slough; the Aldergrove marshes and ponds; and the Arcata Marsh and Wildlife Sanctuary.*
  3. *Other important habitat areas: waterbird rookeries; shorebird concentration sites; habitat for all rare, threatened, or endangered species on federal or state lists; and vegetated dunes.*
  4. *Public Trust lands such as diked and drained former tidelands that are grazed.*

Policy RC-2: Streams Conservation & Management

Objective. *Enhance, maintain, and restore the biological integrity of entire steam courses (headwaters to mouth), and their associated riparian habitats, as natural features in the City's landscape.*

Applicable sub-policies:

- ***RC-2b: Environmental Buffer Area (EBA).*** *A streamside protection area is hereby established along both sides of the streams identified on the City Watercourse Map. The purpose of the EBA is to remain in a natural state in order to protect streams' ecosystems and their associated riparian habitat areas. The EBA shall include:*

  1. *In areas where existing development, as defined in the Zoning Code, is adjacent to the stream, the EBA shall be not less than 25 feet outward on both sides of the stream, measured from the top of bank.*
  2. *In all other locations within the City, the EBA shall be not less than 100 feet outward on both sides of the stream, measured from the top of bank.*
  3. *In locations within the City having significant areas of riparian vegetation exceeding 100 feet in width measured from the top of bank, the EBA shall be expanded to encompass all of the riparian vegetation, except in no case shall the EBA exceed 250 feet in width from the top of bank on either side of the stream.*
  4. *EBAs outside of the City shall follow the policies in the Humboldt County Framework Plan, regarding Streamside Management Areas.*

- ***RC-2d: The Wetland and Stream Protection Combining (:WSP) Zone.*** *The :WSP zone of the Zoning Code shall be applied to all streamside protection areas. [The WSP zone should be a land use designation under the NR district, e.g., NR-WSP]*

- ***RC-2f: Conservation easement.*** *Dedication of a conservation easement, or equivalent deed restriction, encompassing the area within the EBA shall be required as a condition of approval of any discretionary planning permit, including design review, when any portion of the project site falls within an EBA. Such easements may be conveyed to the City of Arcata, or to another governmental agency that shall manage the easement to protect the EBA's functions, or to a mutually agreeable non-profit entity.*

- ***RC-2g: Maintenance of streams as natural drainage systems.*** *Arcata's creeks carry a significant amount of the City's stormwater runoff. Drainage controls shall be enforced through implementation of the Drainage Master Plan, to protect water quality, and to minimize erosion, sedimentation and flood impacts to City creeks. A comprehensive stream maintenance program shall be prepared to augment stormwater utility rehabilitation projects designed to maintain or improve flow capacity, trap sediment and other pollutants that impair water quality, minimize channel erosion, prevent new sources of pollutants from entering the stream, and enhance instream and riparian habitat.*

- ***RC-2h: Restoration of degraded creek resources.*** *Portions of Janes, Jolly Giant, Campbell, and Grotzman Creeks are culverted or covered, causing degradation of creek resources. Tide gates on creek systems can be barriers that prevent anadromous salmonids from accessing critical habitat. Furthermore, recreational use can degrade riparian vegetation along upland reaches of certain creeks (e.g., Jolly Giant, Campbell, and Jacoby Creeks) within Redwood Park and the Community Forest. Lack of vegetation along creek courses can cause erosion, resulting in water quality and air quality impacts. Restoration activities for improving degraded stream resources shall include:*

  1. *Uncovering of creek courses in public rights-of-way, as part of public works improvement projects.*
  2. *Encouraging landowners to restore degraded EBA and stream resources, including native riparian vegetation establishment and invasive species removal, as part of a new development or renovation.*
  3. *Controlling uses that are damaging to upland reaches of creeks in the Community Forest and*

Redwood Park.

4. *Removing or modifying barriers such as tide gates that prevent migrating anadromous salmonids which are federally listed endangered species from reaching their critical habitat.*
5. *Exclusionary fencing to keep livestock out of the EBA.*
6. *Identifying and addressing sources of pollutants that adversely impact water quality, if applicable.*

Policy RC-7: Water Resources Management

Objective. *Manage Arcata's water resources from a watershed perspective, to maintain surface water and ground water quality and quantity. Runoff will be managed for the benefit of aquatic habitats, native and non-invasive vegetation, and soil conservation, and to recharge groundwater.*

Applicable sub-policies:

- ***RC-7a Protection of surface waters from point and nonpoint pollution sources.*** *The use of natural stormwater drainage systems, which preserve and enhance natural features, shall include the following:*

  1. *Efforts to acquire land or obtain easements for drainage and other public uses of floodplains, where desirable to maintain stream courses in a natural state, shall be supported.*
  2. *Recreational opportunities and aesthetics shall be considered in the design of stormwater retention, detention, treatment, and conveyance facilities.*
  3. *Sound soil conservation practices shall be required, and impacts of proposed developments, with regard to water quality and effects on watersheds, wetlands and drainage courses, shall be carefully examined.*
  4. *The quality of runoff from urban and suburban development shall be improved through use of appropriate and feasible Best Management Practices (BMPs) including, but not limited to, bioretention basins, artificial wetlands, grassy swales, oil/grit separators, with an emphasis on a Low Impact Development approach to stormwater management.*
  5. *New development shall be required to minimize increases in stormwater peak flows and/or volume, to the extent feasible. Stormwater management measures shall take into consideration potential adverse impacts on the Mad River, Arcata Bay, and adjoining lands in the City and Planning Area.*
  6. *New development projects shall be designed to minimize drainage concentrations, maximize permeable surfaces (such as unpaved parking areas) and maintain, to the extent feasible, natural site drainage conditions.*
  7. *New development projects that may adversely affect the quantity and quality of stormwater runoff shall be required to allocate land necessary for detaining post-project flows and/or for incorporating measures to minimize water quality impacts from urban runoff. To the maximum extent feasible, new development shall not produce a net increase in peak stormwater runoff.*
  8. *All development shall comply with the City's post construction stormwater management program (under the MS4 General Permit) which includes stormwater management measures for site design, source control, runoff reduction, stormwater treatment, and baseline hydromodification controls, as applicable based on project type and size.*

Policy RC-9: Soil and Mineral Resources

Objective. *Conserve and manage soil and mineral resources.*

Applicable sub-policies:

- ***RC-9a: Erosion control measures on slopes and other areas of instability.*** *General Plan Public Safety Element Policy PS-3 - Other Geologic Hazards includes protections for steep and unstable slopes, to minimize erosion, sedimentation and landslides. This policy shall be followed as a safety precaution and also to conserve soil resources.*

Implementation Measures

Applicable Implementation Measures:

- ***Implementation Measure RC-11:*** *Explore Tribal Partnerships in Restoration Project Planning. Explore opportunities for partnerships with the Wiyot Tribe and other Wiyot-Area Tribes when pursuing funding for habitat restoration within the City, and seek guidance from appropriate Tribal representatives as part of the habitat restoration planning process.*

Policy PS-2: Seismic Hazards

Objective. *Protect existing and new structures from seismic hazards. Identify and map seismic hazards and assure that any development within such hazard areas does not proceed until geologic and soils conditions are adequately investigated and appropriate mitigation measures, if any, are incorporated into development plans.*

Applicable sub-policies:

- ***PS-2e: Shoreline hazards (tsunami inundation, tidal flooding****. State of California Geological Survey Seismic Hazards Program probabilistic tsunami hazards modelling and public tsunami hazard area maps for Humboldt County indicate that the Arcata Bay shoreline and adjacent areas, between McDaniel Slough and Mad River Slough including the South G Street, South of Samoa, and portions of the Windsong neighborhood, could be inundated by tsunami run-up. The City shall prohibit the location of critical facilities in the tsunami run-up area, use California Geologic Survey Guidelines for Evaluating and Mitigating Tsunami Hazards when evaluating land use proposals within the tsunami hazard zone, and use available emergency broadcasting systems to communicate tsunami warnings. Should coastal access within the tsunami run-up zone be provided in the future, appropriate evacuation route signage shall be posted.*
- ***PS-2h: Public information and disclosure.*** *Redwood Coast Tsunami Work Group (RCTWG) and the City of Arcata have earthquake/tsunami web-based mapping and awareness information that is available to the public. The RCTWG and the City will continue to make the most current information available to help the community prepare for and respond to seismic events.*

Policy PS-3: Other Geologic Hazards and Airspace Protection

Objective. *Protect existing and new structures from non-seismic geologic hazards such as unstable slopes and soils. Require that all non-seismic geologic hazards be adequately addressed and mitigated. Ensure new development does not result in hazards to air navigation.*

Applicable sub-policies:

- ***PS-3a: Slope stability hazards.*** *Slope areas greater than 15%, shown on Figure PS-a, and certain less steep slopes with erosive soils may become unstable if disturbed. The City shall restrict grading, vegetation removal, and new construction in areas with unstable soils unless it can be demonstrated that these activities can occur without impacts. All grading of slope areas shall follow natural contours to maximize stability.*
- ***PS-3b: Grading standards for erosion and sedimentation control.*** *The design, extent, and location of grading shall minimize disturbance of the natural terrain and land features and shall not impact offsite areas. Trees and native vegetation shall be retained around graded areas to stabilize hillsides; retain moisture; reduce erosion, siltation and nutrient runoff; and retain the natural beauty of the area. Cleared areas susceptible to erosion shall be stabilized so that no materials are transported offsite.*

Policy PS-4 Flood Hazards

Objective. *Protect current and future populations and property from flood hazards. Assure that new development within floodplains does not proceed until appropriate mitigation measures are incorporated into development plans.*

Applicable sub-policies:

- ***PS-4a: Floodplain Mapping.*** *The City shall continue participating in the National Flood Insurance Program and maintain the most current Flood Insurance Rate Maps (FIRM) on file. The City shall also continue requesting that the Federal Emergency Management Agency provide hydrographic modeling (using the 1964 flood levels as a benchmark) and an update of flood mapping for the Mad River using the best available information.*

Policy PS-8: Climate Adaptation and Resiliency

Objective. *The City will continue to support and monitor research about the nature of all hazards in Arcata, including research on prediction and warning systems, community vulnerability and consequences assessments, and improvements to building performance and resilience. The City will continue to pursue efforts that minimize Arcata's contribution to climate change by reducing greenhouse gas emissions and protecting people, the built environment, and the natural environment from the impacts of climate change.*

Applicable sub-policies:

- ***PS-8d: Sea Level Rise.*** *Incorporate consideration of sea level rise and other associated climate impacts into public and private infrastructure and asset design and land use planning. The City shall continue to work with local, regional, state, and federal partners and utilize best available science to maximize the safety, environmental performance and climate adaptability of all new development.*
- ***PS-8g: Traditional ecological knowledge.*** *The City of Arcata acknowledges the value of Indigenous sciences and knowledge and the need for Indigenous perspectives in responding to the climate change crisis. The City shall work to support Indigenous-led climate adaptation approaches and shall work collaboratively with tribes and tribal governments for mitigation, adaptation, and resilience to climate change. This policy applies to all previous policies in this section.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan

Open Space and Conservation Policies

Objective. *Establish an urban environment that enhances and complements stormwater management and the open space environment. Promote public gathering, enjoyment, and active and passive use by a broad range of the community.*

Applicable sub-policies:

- ***GA-6d. Linear Park with Daylighted Creek.*** *Establish a linear park with passive recreational amenities adjacent to daylighted and restored segments of Jolly Giant Creek.*
- ***GA-6h. Jolly Giant Creek.*** *Require the restoration and enhancement of the Jolly Giant Creek north of 11th Street. Encourage the daylighting of creek segments south of 11th Street as part of new development projects. Consider additional opportunities for daylighting Jolly Giant Creek, especially along 10th Street, including bridges, road closures, and other alternatives to expose more open creek miles.*

City of Arcata Land Use Code

The following land use code addresses hydrology and water quality within Chapters 9.64 (Grading, Erosion and Sediment Control) and 9.66 (Urban Runoff Pollution Control).

Section 9.64. Grading Erosion and Sediment Control

Establishes minimum standards and regulations for grading activities as well as construction and post-construction runoff control criteria to prevent unreasonable or unnecessary erosion and sediment production and related degradation of the City's stormwater drainage systems.

Section 9.66. Urban Runoff Pollution Control

Establishes provisions to ensure that activities within Arcata add no new pollutants to waterways and reduce present pollutant levels and sediments which are carried to our area and regional waterways through stormwater runoff.

City of Arcata Local Coastal Program

There are no distinct policies within the City of Arcata's Local Coastal Plan that regulate hydrology and water quality that aren't already stated within the Coastal Act.

Humboldt County General Plan

The goals and policies within the Humboldt County General Plan that regulate hydrology and water quality are located within the Water Resources Element and include the following:

WR-G10.Storm Drainage

Storm drainage utilizing onsite infiltration and natural drainage channels and watercourses, while minimizing erosion, peak runoff, and interference with surface and groundwater flows and stormwater pollution.

WR-P1. Sustainable Management

Ensure that land use decisions conserve, enhance, and manage water resources on a sustainable basis to assure sufficient clean water for beneficial uses and future generations.

WR-P10. Erosion and Sediment Discharge

Ministerial and discretionary projects requiring a grading permit shall comply with performance standards adopted by ordinance and/or conditioned to minimize erosion and discharge of sediments into surface runoff, drainage systems, and water bodies consistent with best management practices, adopted Total Maximum Daily Loads, and non-point source regulatory standards.

WR-P11. County Facilities Management

Design, construct, and maintain County buildings, roads, bridges, drainages, and other facilities to minimize erosion and the volume of sediment in stormwater flows.

WR-P21. Enhance Groundwater Recharge Capacity

Encourage watershed management practices that enhance infiltration of rainfall into the groundwater.

WR-P35. Implementation of NPDES Permit

Implement and comply with the National Pollutant Discharge Elimination Systems (NPDES) Permit issued by the State Water Resources Control Board to the designated portions of the County.

WR-P36. Natural Stormwater Drainage Courses

Natural drainage courses, including ephemeral streams, shall be retained and protected from development impacts which would alter the natural drainage courses, increase erosion or sedimentation, or have a

significant adverse effect on flow rates or water quality. Natural vegetation within riparian and wetland protection zones shall be maintained to preserve natural drainage characteristics consistent with the Biological Resource policies. Stormwater discharges from outfalls, culverts, gutters, and other drainage control facilities that discharge into natural drainage courses shall be dissipated so that they make no significant contribution to additional erosion and, where feasible, are filtered and cleaned of pollutants.

WR-P37. Downstream Stormwater Peak Flows

Peak downstream stormwater discharge shall not exceed the capacity limits of off-site drainage systems or cause downstream erosion, flooding, habitat destruction, or impacts to wetlands and riparian areas. New development shall demonstrate that post-development peak flow discharges will mimic natural flows to watercourses and avoid impacts to Beneficial Uses of Water.

WR-P38. New Drainage Facilities

Where it is necessary to develop additional drainage facilities, they shall be designed to be as natural in appearance and function as is feasible. All drainage facilities shall be designed to maintain maximum natural habitat of streams and their streamside management areas and buffers. Detention/retention facilities shall be managed in such a manner as to avoid reducing streamflows during critical low-flow periods.

WR-P42. Erosion and Sediment Control Measures

Incorporate appropriate erosion and sediment control measures into development design and improvements.

WR-P43. Storm Drainage Design Standards

Drainage design standards for new development shall be adopted by ordinance. The design standards shall ensure that storms of specified intensity, frequency, and duration can be accommodated by engineered drainage systems and natural drainage courses.

WR-P44. Storm Drainage Impact Reduction

Develop and require the use of Low Impact Development (LID) standards consistent with Regional Water Board requirements to reduce the quantity and increase the quality of stormwater runoff from new development and redevelopment projects in areas within the County's MS4 boundary or as triggered under other Regional Water Board permits. For all other watersheds, develop storm drainage development guidelines with incentives to encourage LID standards to reduce the quantity and increase the quality of stormwater runoff from new developments.

WR-P45. Reduce Toxic Runoff

Minimize chemical pollutants in stormwater runoff such as pesticides, fertilizers, household hazardous wastes, and road oil by supporting education programs, household hazardous waste and used oil collection, street and parking lot cleaning and maintenance, use of bioswales and other stormwater best management practices described in the California Stormwater Best Management Practices Handbooks or their equivalent.

Humboldt Bay Area Local Coastal Plan

The policies within the Humboldt Bay Area Plan Local Coastal Plan that regulate hydrology and water quality include the following:

Section 30254. Public Services – Rural

New or expanded public works facilities shall be designed and limited to accommodate needs generated by development or uses permitted consistent with the provisions of this division; provided, however, that it is the intent of the legislature that State Highway Route 1 in rural areas of the coastal zone remain a scenic two-lane road. Special districts shall not be formed or expanded except where assessment for, and provision of, the service would not induce new development inconsistent with this division. Where existing or planned public works facilities can accommodate only a limited amount of new development, services to coastal- dependent land use, essential public services and basic industries vital to the economic health of the region, state, or nation, public recreation, commercial recreation, and visitor- serving land uses shall not be precluded by other development.

Section 30240 – ESHA

a. *Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on such resources shall be allowed within such areas.*

b. *Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade such areas, and shall be compatible with the continuance of such habitat areas.*

Section 30233 – Filling of Wetlands

The diking, filling, or dredging of open coastal waters, wetlands, estuaries, and lakes shall be permitted in accordance with other applicable provisions of this division, where there is no feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the following:

(5) Incidental public service purposes, including, but not limited to, burying cables and pipes or inspection of piers and maintenance of existing intake and outfall lines.

Section 30607.1 – Mitigation for Wetland Fill

Where any dike and fill development is permitted in wetlands in conformity with this division, mitigation measures shall include, at a minimum, either acquisition of equivalent areas of equal or greater biological productivity or opening up equivalent areas to tidal action; provided, however, that if no appropriate restoration site is available, an in-lieu fee sufficient to provide an area of equivalent productive value or surface areas shall be dedicated to an appropriate public agency, or such replacement site shall be purchased before the dike or fill development may proceed. Such mitigation measures shall not be required for temporary or short-term fill or diking; provided that a bond or other evidence of financial responsibility is provided to assure that restoration will be accomplished in the shortest feasible time.

Humboldt Bay Receiving Water Monitoring Plan

The Clean Water Act requires point source dischargers to control the amount of conventional, non-conventional, and toxic pollutants that are discharged into the waters of the United States. The control of pollutants discharged is established through effluent limitations and other requirements in NPDES permits. As part of the City of Arcata Municipal Wastewater Treatment Facility 2019 NPDES permit, monitoring of surface water entering the Humboldt Bay is to occur in several locations to ensure compliance with the NPDES permitting: The Arcata Marsh Wildlife Sanctuary (AMWS) and the as-of-yet constructed RSW-001 discharge site.

Monitoring Locations

AMWS. *Areas throughout the AMWS representative of various wetland conditions in accordance with the Special Study required under section VI.C.2.a of the Order. Monitoring of the AMWS shall be implemented in accordance with the work plan approved by the Executive Officer in accordance with*

section VI.C.2.a of the Order. Monitoring results required in accordance with the approved plan shall be submitted annually, by March 1 each year.

***RSW.** Receiving water monitoring location at the tide gate following the point at which the brackish marsh discharges into Humboldt Bay. The Permittee shall monitor the receiving water at Monitoring Location RSW-001 during periods of discharge to the brackish marsh, as follows:*

Table 5.5-1 Receiving Water Monitoring – Monitoring Location RSW-001

Parameter	Units	Sample Type	Minimum Frequency	Required Analytical Test Method
pH	standard units	Grab	Weekly[1]	Part 136[2]
Dissolved Oxygen	mg/L	Grab	Weekly	Part 136
Floatables/Discoloration	--	Visual	Monthly	--
Hardness, Total (as $CaCO_3$)	mg/L	Grab	Monthly	Part 136[2]
Nitrate Nitrogen, Total (as N)	mg/L	Grab	Monthly	Part 136[2]
Salinity	Ppt	Grab	Weekly[1]	Part 136[2]
Specific Conductance	µmhos/cm	Grab	Weekly	Part 136[2]
Temperature	°C	Grab	Weekly[1]	Part 136[2]
Total Dissolved Solids	mg/L	Grab	Monthly	Part 136[2]
Turbidity	NTU	Grab	Monthly	Part 136[2]
CTR Priority Pollutants[3]	µg/L	Grab	Twice per permit term[4]	Part 136[2]

Table Notes:

1. pH, salinity and temperature monitoring must coincide with monthly effluent monitoring for ammonia.

2. Pollutants shall be analyzed using the analytical methods described in 40 C.F.R. part 136 or by methods approved by the Regional Water Board or State Water Board, such as with the current edition of *Standard Methods for Examination of Water and Wastewater* (American Public Health Administration).

3. Those pollutants identified by the California Toxics Rule at 40 C.F.R. section 131.38. Hardness shall be monitored concurrently with the CTR priority pollutant sample.

4. CTR priority pollutant sampling shall be completed no later than June 1, 2023 during a period of discharge to the brackish marsh. Effluent and receiving water monitoring shall occur concurrently.

5.5.4 Evaluation Criteria and Significance Thresholds

The adoption and implementation of the General Plan 2045 would cause a significant impact related to hydrology and water quality, as defined by the CEQA Guidelines, if it would:

– Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality;

– Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin;

– Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

- Result in substantial erosion or siltation on- or off-site;
- Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;
- Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

- Impede or redirect flood flows.

– In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation; or
– Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

5.5.5 Methodology

Impact assessment methodology considered streams and other watercourses, storm drainage information, the FEMA 100-year flood zone, and tsunami hazard area relative to the study area.

Development is currently allowed in areas that are, according to City Sea Level Rise Vulnerability and Risk Analysis (Anderson, Sea Level Rise in the Humboldt Bay Region, 2018; Laird, City of Arcata Sea Level Rise Vulnerability Assessment, 2018), vulnerable to sea level rise. Increased density will be allowed in the Infill Opportunity Zones, none of which are within vulnerable areas during the General Plan 2045 planning horizon. Projected to occur after the planning horizon, 3.3 feet of sea level rise could reach very minor areas along the very southern edge of the Gateway Area during high tides. These areas are associated with Jolly Giant Creek and already developed. Parcels adjacent to Jolly Giant Creek are subject to creek setbacks, preventing additional development that could cause sea level rise related impacts. None of the development allowed under the General Plan 2045 would exacerbate sea level rise within the areas that are vulnerable to 3.3 feet of sea level rise, therefore sea level rise is not discussed further in this analysis.

5.5.6 Impacts and Mitigation Measures

Impact HWQ-a: Would the Project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Increased development, development intensity, and population growth allowed by the General Plan 2045 could degrade water quality within the City. Potential water quality concerns could include an increase non-point source pollution from new impervious services, construction activity that increase erosion and sedimentation in watercourses, and an increase of pollutants from additional traffic. The General Plan 2045 policies to address water quality standards include:

- *PF-2c: Protecting, improving and restoring water quality. Protecting surface and ground water quality, preventing water pollution, restoring water quality in waterways and wetlands within the City and in receiving waters of California and the United States shall guide design, construction, and operation of the City's water management infrastructure. The City shall use necessary resources to comply with State Regional Water Quality Control Board wastewater treatment and discharge standards. The City shall regularly test its wastewater discharges and make necessary adjustments in treatment processes to ensure that effluent meets the State Regional Water Quality Control Board and National Pollution Discharge Elimination System (NPDES) permit standards.*

- *PF-2g: Source Control Program. The City shall maintain a source control and pretreatment program that provides the legal authority to regulate non-domestic sewer use to control discharges of industrial waste. The source control and pretreatment program shall include legal authority, local limits, pretreatment permitting, and an enforcement response plan.*

- *PF-3c: Stormwater quality. Implement the City's Phase II MS4 Permit to reduce the discharge of pollutants to the maximum extent practicable and protect water quality. Manage surface water controls, facilities such as detention basins and natural infiltration areas, and education programs to protect surface and ground-water quality.*

- *RC-2g: Maintenance of streams as natural drainage systems. Arcata's creeks carry a significant amount of the City's stormwater runoff. Drainage controls shall be enforced through implementation of the Drainage Master Plan, to protect water quality, and to minimize erosion, sedimentation and flood*

impacts to City creeks. A comprehensive stream maintenance program shall be prepared to augment stormwater utility rehabilitation projects designed to maintain or improve flow capacity, trap sediment and other pollutants that impair water quality, minimize channel erosion, prevent new sources of pollutants from entering the stream, and enhance instream and riparian habitat.

- *RC-7a: Protection of surface waters from point and nonpoint pollution sources. The use of natural stormwater drainage systems, which preserve and enhance natural features, shall include the following:*

    1. *The quality of runoff from urban and suburban development shall be improved through use of appropriate and feasible Best Management Practices (BMPs) including, but not limited to, bioretention basins, artificial wetlands, grassy swales, oil/grit separators, with an emphasis on a Low Impact Development approach to stormwater management.*
    2. *New development shall be required to minimize increases in stormwater peak flows and/or volume, to the extent feasible. Stormwater management measures shall take into consideration potential adverse impacts on the Mad River, Arcata Bay, and adjoining lands in the City and Planning Area.*
    3. *New development projects shall be designed to minimize drainage concentrations, maximize permeable surfaces (such as unpaved parking areas) and maintain, to the extent feasible, natural site drainage conditions.*
    4. *New development projects that may adversely affect the quantity and quality of stormwater runoff shall be required to allocate land necessary for detaining post-project flows and/or for incorporating measures to minimize water quality impacts from urban runoff. To the maximum extent feasible, new development shall not produce a net increase in peak stormwater runoff.*
    5. *All development shall comply with the City's post construction stormwater management program (under the MS4 General Permit) which includes stormwater management measures for site design, source control, runoff reduction, stormwater treatment, and baseline hydromodification controls, as applicable based on project type and size.*

The General Plan 2045 includes Implementation Measure RC-5 (Surface Water Quality Ordinance) in the Resource Conservation and Management Element which states, "Implement the City's Municipal Separate Storm Sewer System (MS4) requirements for post-construction activities including Ordinance No. 1463 that sets forth standards for discharge into the stormwater drainage facilities for the City, and establishes a stormwater pollution control program in compliance with the Clean Water Act." Implementation Measure RC-5 would reduce the potential for the construction and operation of projects implemented under the General Plan 2045 to degrade surface or ground water quality.

Additionally, projects implemented under the General Plan 2045 would meet the requirements of the City of Arcata Land Use Code sections on Grading, Erosion and Sediment Control (Policy 9.64). The City's Land Use Code Policy 9.66 (Urban Runoff Pollution Control) ensures that activities within Arcata add no new pollutants to waterways and reduce present pollutant levels and sediments.

There is little reason to expect future development of Arcata to result in the kinds of ground water contamination that has occurred in the past, in part due to state and local laws. The potential to develop sites where past contamination has occurred may cause the contamination to be cleaned up more quickly and completely than if the land was left vacant. General Plan 2045 Policy LU-e (Conversion and reuse of industrial sites) encourages conversion and reuse of abandoned or inactive industrial sites and requires an environmental site assessment for sites where prior uses may have caused soil contamination. Currently, septic systems and onsite disposal of toxic substances are the leading causes of groundwater contamination. General Plan Policy RC-7b (Protection of groundwater sources) does not allow septic systems within the Urban Services Boundary to be permitted and states that incidents of onsite toxics disposal shall be referred to the appropriate county and state agencies.

The General Plan 2045 contains guidelines and policies for surface water and groundwater quality within the Resource Conservation and Management Element, Public Facilities and Infrastructure Element, and Open Space Element. The General Plan 2045 policies, Land Use Code, City's Municipal Separate Storm Sewer System

(MS4) requirements (in compliance with the Clean Water Act), along with other State and federal regulations would reduce water quality impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-b: Would the Project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin?

The adoption and implementation of the General Plan 2045 and associated growth is expected to have relatively little effect on the quantity or quality of groundwater availability in the Mad River Valley Lowland Basin. Most new development would be served by the City's main water supplier, Humboldt Bay Municipal Water District, which sources water from the Mad River. The source of supply from the Humboldt Bay Municipal Water District is adequate to meet Arcata's planned growth; see Section 3.12 (Utilities and Service Systems) for additional information.

New construction could include additional impervious surfaces, which would decrease the area available for rainfall to infiltrate the ground and recharge the underlying water table. The General Plan 2045 encourages infill development in the Infill Opportunity Zones. These Zones are currently urban with a high percentage of impervious surfaces as well as existing roads and utilities. Compared to potential urban sprawl and development in the agricultural or forested areas around Arcata, development in the Infill Opportunity Zones would create less impervious surface, having less impact on existing groundwater recharge.

As described in the Open Space Element and Resource Conservation and Management Element, the City manages forestry, open space, and water resource throughout the City for production of certain resources, ecological function, but also for the recharge of groundwater basins. The City has prioritized the restoration and protection of the wetlands and creeks throughout the City (Policy RC-7, Implementation Measure RC-1); recognizing that these resources provide the benefit of groundwater recharge.

Due to the adequate water supply to serve new development, the General Plan policies and implementation measures discussed above, and State and federal regulations, unsustainable groundwater management would not occur. There would be no impact.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact HWQ-c.i: Would the Project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site?

Future development within Arcata would include buildings and paved areas that would increase the total impervious surface area. The Infill Opportunity Zones include areas adjacent to waterways, which could potentially increase the overall surface runoff to, and impact, those adjacent streams and wetlands.

The kinds of hydrologic impacts that can be expected from development near waterways include:

– Increases in the volume and speed of runoff, due to increased impervious areas (roofs, roads, parking spaces, etc.) and changes in vegetation;
– Altered summer base flows resulting from changes in groundwater infiltration, changes in fog condensation resulting from changes in vegetation (e.g., removal of redwood trees), and use of municipal water (e.g., for lawn watering) that drains to creeks;

– Instability in stream channels as they adjust to altered hydrology; and
– Increase in non-point source pollutants.

None of the above Infill Opportunity Zones are located on, or near, open waters or tidal wetlands. Construction of Arcata Wastewater Treatment Facility improvements has been ongoing, and once completed would provide reliable service to the community now and in the future, replace aging critical infrastructure from the late 1980s, reconfigure to a single pass flow through the treatment facility and enhancement wetlands, and upgrade the disinfection system to ultraviolet light (UV) in order to continue to provide wastewater treatment while improving existing levels of regulatory compliance for the protection of water quality and public health.

The City has implemented a master drainage plan and LID policies to minimize increases in stormwater runoff, flooding, and erosion (Policy PF-3, RC-2, WR-P44). The locations of proposed new infill development, the General Plan 2045 policies listed above, and State and federal regulations would reduce water quality impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-c.ii: Would the Project substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Projected future development, without controls or mitigation, could result in minor to moderate increases in flooding and put additional people and structures at risk from flooding. Two causes can increase flooding: drainage pattern changes that increase the volume and speed of runoff, and floodplain development that impedes the flow of water.

Arcata could be subject to flooding from the Mad River, including from failure of Mathews Dam, local creeks, and Humboldt Bay. Development of structures within the floodplains puts the structures and their occupants at risk of flooding. Filling the floodplain to place development above the expected high water elevation would reduce the chance of flooding; however, such filling would - by reducing the area available to convey flood flows - increase the height of flood flows.

The Infill Opportunity Zones are located outside of the mapped FEMA floodplains and would not be expected to cause on- or off-site flooding given that post-construction runoff would be detained on site due to City, County and Regional Water Board storm water requirements.

The General Plan 2045 contains guidelines and policies for surface water, stormwater, and floodplain management (City Policy PF-3, RC-2g, RC-7c). This, along with other state and federal regulations, would reduce water quality impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-c.iii: Would the Project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Development allowed by the General Plan Update would result in additional impervious surfaces, thereby increasing stormwater runoff to levels that could exceed the capacity of existing or planned stormwater drainage systems, resulting in flooding on- or off-site. The General Plan 2045 Resource Conservation and Management Element and Public Facility and Infrastructure Element include the following Implementation Measures to address stormwater drainage capacity and pollution:

- Imp-RC-5: Surface Water Quality Ordinance. Comply with the Resource Conservation and Management Element which states, “Implement the City’s Municipal Separate Storm Sewer System (MS4) requirements for post-construction activities including Ordinance No. 1463 that sets forth standards for discharge into the stormwater drainage facilities for the City of Arcata and establishes a stormwater pollution control program in compliance with the Clean Water Act.
- Imp-PF-1: Urban Water Management Plan. Update the City Urban Water Management Plan, at least every five years, to assess system efficiency and ensure there is adequate storage capacity and fire flow. The Management Plan will also include economic incentives, education programs, and monitoring measures to promote water conservation.
- Imp-PF-2: Wastewater Collection System Maintenance Program. Update the City Wastewater Collection System Maintenance Program, at least every five years, to assess collection system capacity and condition, ensure there is adequate treatment and disposal capacity, and recommend improvements necessary to reduce groundwater infiltration and surface water inflow. The Maintenance Plan will also include economic incentives, education programs, and monitoring measures to reduce wastewater generation.
- Imp-PF-3: Drainage Master Plan and Phase II MS4 Permit. Update the City Drainage Master Plan to implement current provisions for minimizing increases in stormwater runoff, maintaining the integrity of stream hydrology, and reducing pollutant loads. Implement the City’s MS4 permit requirements through ordinance No. 1463, which sets forth standards for discharge into the stormwater drainage facilities for the City of Arcata and establishes a stormwater pollution control program in compliance with the Clean Water Act.

Projects implemented under the General Plan 2045 would meet the requirements of the City of Arcata Land Use Code sections on Grading, Erosion and Sediment Control (Policy 9.64) and Urban Runoff Pollution Control (Policy 9.66). Ordinance No. 1463 would reduce the potential for the construction and operation of projects implemented under the General Plan 2045 to create or contribute runoff that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. The General Plan 2045 policies and implementation measures along with other State and federal regulations would reduce water quality impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-c.iv: Would the Project impede or redirect flood flows?

Portions of the City are within FEMA 100-year flood zones, and the General Plan 2045 land use map allows development within these flood hazard areas. However, development will be concentrated within the Infill Opportunity Zones, which are located outside 100-year flood zones. Projected future development, without controls or mitigation, could result in minor to moderate increases in flooding and put additional people and structures at risk from flooding. Development within a floodplain could impede or redirect the flow of water.

General Plan 2045 Implementation Measure PS-4 (Floodplain mapping and management program) requires the City to update floodplain mapping throughout the planning area, including continued participation with the National Flood Insurance Program. Measure PS-4 also limits development within floodplains that could impede or redirect floods until appropriate mitigation measures, such as discussed in PS-4c, are incorporated into development plans. The General Plan 2045 policies and implementation measures would reduce flood flow redirection or impediment impacts to a less than significant level.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-d: Would the Project, in flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation?

The study area is not located near a larger isolated body of water that may be affected by a seiche. Some areas within the study area are located within a tsunami hazard zone and/or the FEMA 100-year flood zone. If a tsunami or large flood event occurred during construction, pollutants from heavy machinery (e.g., diesel) could be released into the environment. Additionally, if construction occurred in an area of known or unknown contamination, pollutants could be released into the environment if the site were inundated by a tsunami or flood event.

According to the State Water Resource Control Board's GeoTracker there are eleven active cleanup sites within the study area, five of which are within the Gateway Area and Downtown Infill Opportunity Zones (see Figure 3.6-1). Of that total, none are within tsunami or flood hazard zones. Additionally, as discussed in Section 3.6 (Hazards and Hazardous Conditions), proposed individual developments within the study area would be required to conduct project-specific environmental screening such as a Phase I Environmental Site Assessment to confirm conditions have not changed from what is shown in (or absent from) the Database Review and/or Geotracker investigations. If new or existing potential significant project-level hazards or hazardous materials impacts are identified, the proposed project would be considered discretionary and would require a site-specific CEQA analysis, potentially including mitigation measures.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact HWQ-e: Would the Project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

The relevant water quality control plan is the North Coast Regional Water Quality Control Board Basin Plan, which establishes thresholds for key water resource protection objectives for both surface waters and groundwater. As required, Projects implemented under the General Plan 2045 would obtain coverage under State Water Resources Control Board Order No. 2009-0009-DWQ, Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction and Land Disturbance Activities, which would include a Stormwater Pollution Prevention Plan. These regulatory requirements and associated requisite monitoring would ensure that a conflict with the Basin Plan does not occur. There would be no impact.

The study area is located in the Mad River Valley – Mad River Lowland Basin 1-008.01, which is has a SGMA Basin Priority of Very Low (DWR 2020). The City has not adopted a groundwater management plan. Therefore, the adoption and implementation of the General Plan 2045 would not conflict with or obstruct implementation of a sustainable groundwater management plan. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

5.5.7 Cumulative Impacts

Impact HWQ-C-1: Would the Project contribute to a cumulatively significant impact to Hydrologic and Water Quality Resources?

As development proceeds under the General Plan 2045, impervious surfaces and the amount of pollutants will increase, impacting surface water and groundwater quality. However, cumulative water quality impacts in the City and the surrounding region would be reduced by implementing best management practices in accordance with the City's and County's NPDES permitting, and implementation of the water quality policies of the General Plan 2045. With the General Plan 2045 policies and implementation actions in place and continued compliance with

the NPDES and other RWQCB regulations, the adoption and implementation of the General Plan 2045 would not have a significant cumulative water quality impact. The General Plan 2045 would minimize potential drainage and flooding impacts and maintain groundwater recharge through management and protection of open space, creeks, and wetlands.

Given that the Project would not result in any significant impacts to hydrology and water quality, and that the projects considered in Table 1.10-1 would not result in a likelihood for significant impacts to hydrology and water quality in or near the study area, the potential for cumulative hydrology and water quality impacts within the study area would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

5.5.8 References

Aldaron Laird. 2018. City of Arcata Sea Level Rise Vulnerability Assessment.

Anderson Jeff (North Hydrology and Engineering). 2018. Sea Level Rise in the Humboldt Bay Region.

California Department of Health and Human Services. 2002. Drinking Water Source Assessment Report.

California Geological Survey (CGS). 2021. Tsunami Hazard Area Map, Humboldt County. https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/?extent=-14053625.7008%2C4874747.2092%2C-13583996.599%2C5083267.4224%2C102100&utm_source=cgs+active&utm_content=humboldt

City of Arcata. 2021. City of Arcata Urban Water Management Plan 2020. https://cityofarcata.org/DocumentCenter/View/10965/City-of-Arcata-2020-Urban-Water-Management-Plan

Department of Water Resources (DWR). 2020. Sustainable Groundwater Management Act 2019 Basin Prioritization Process and Results. https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization

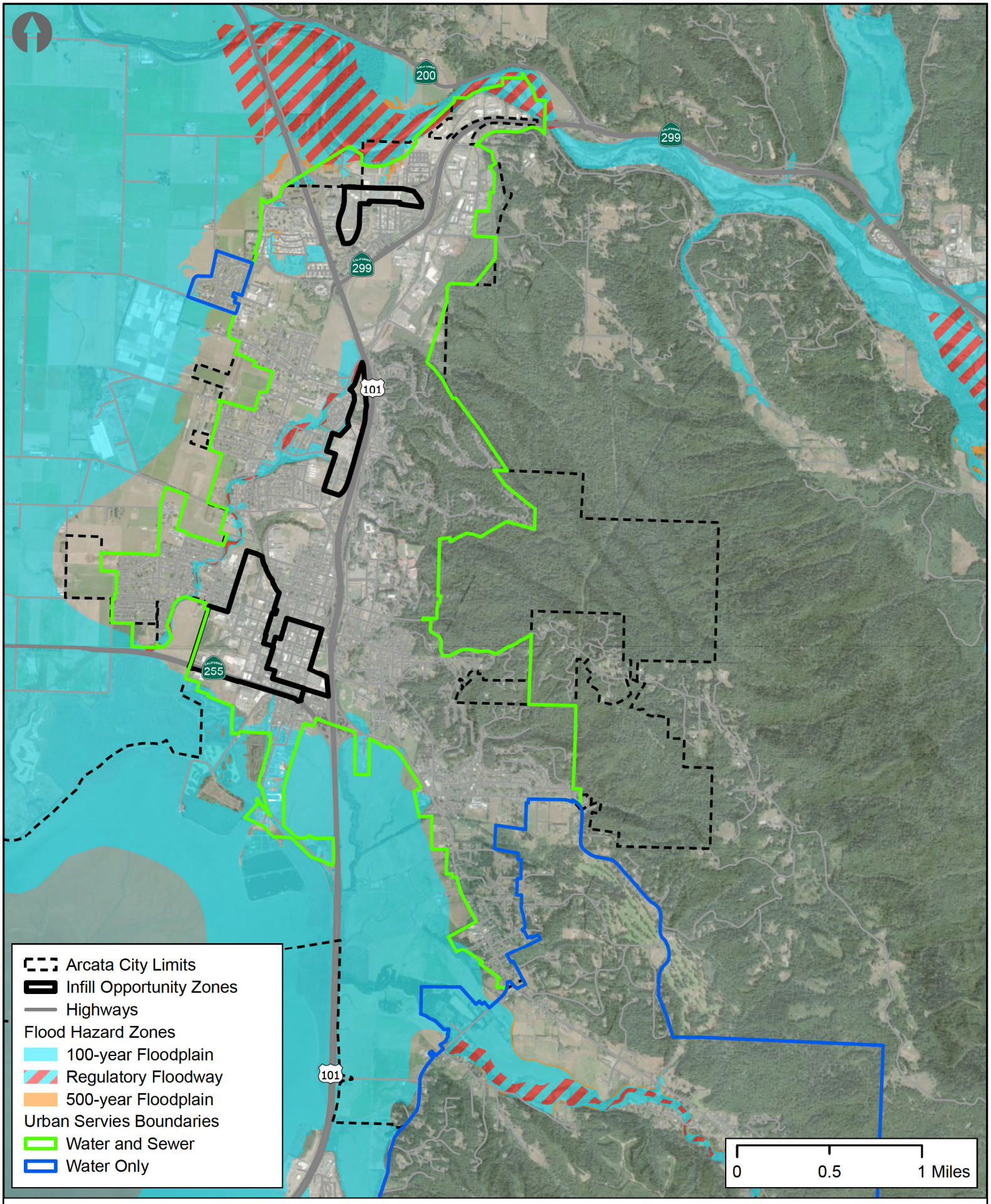

Figure 5.5-1: City of Arcata FEMA Floodplains

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

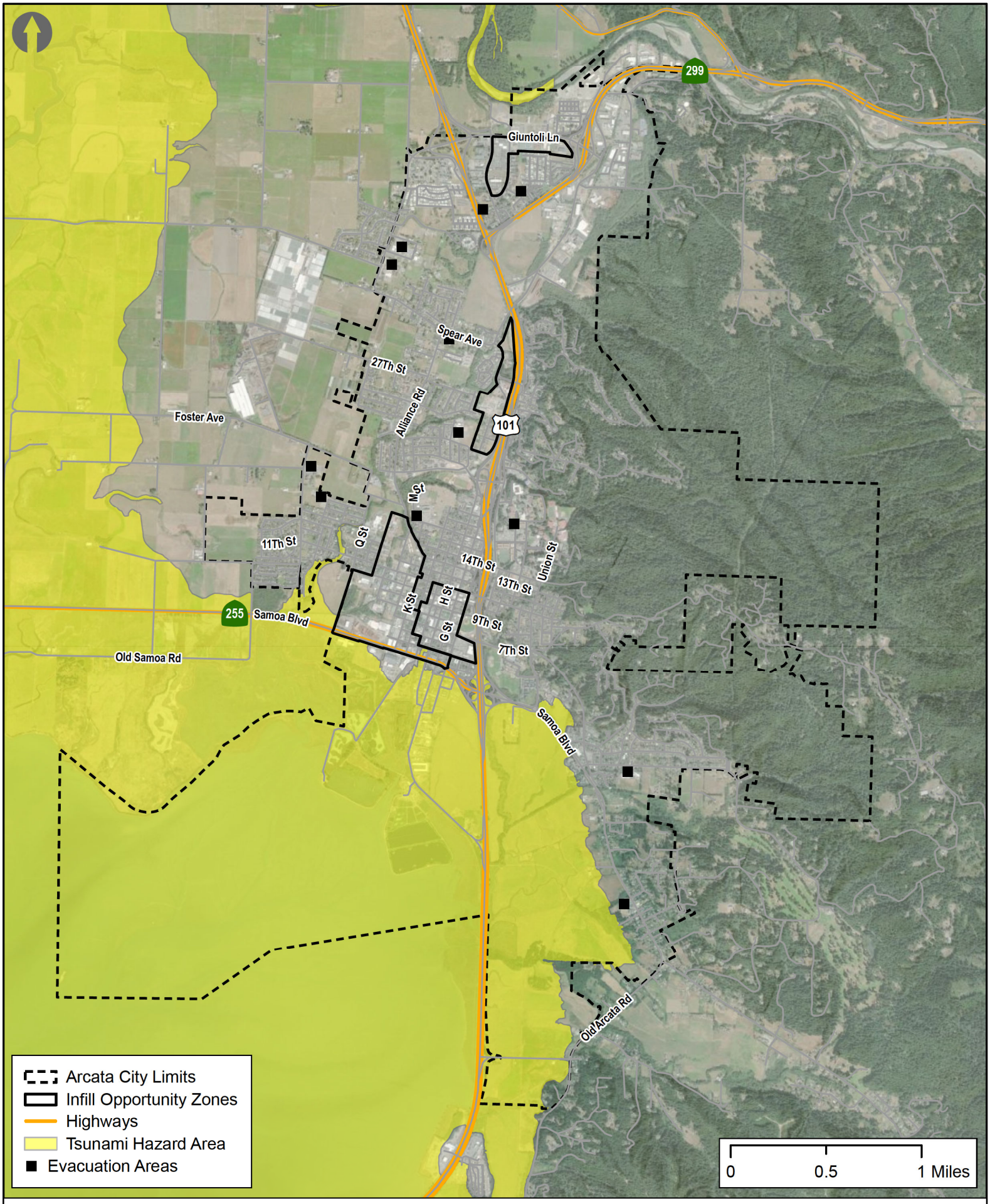

Figure 5.5-2: Tsunami Zones

Created by GHD
Map Date: 8/24/2023

Source: Esri, NASA, NGA, USGS, FEMA, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

5.6 Mineral Resources

This section evaluates the potential impacts related to mineral resources resulting from adoption and implementation of the General Plan 2045. No comment letters received in response to the Notice of Preparation circulated for the proposed General Plan 2045 were related to mineral resources.

To provide the basis for this evaluation, the Setting section describes the local setting within the City. The Regulatory Framework section describes the regulatory background that applies to mineral resources, and the Impact Analysis section establishes the thresholds of significance, evaluates potential impacts, and identifies the significance of impacts.

5.6.1 Study Area

For impact assessment related to mineral resources, the City limits were used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

5.6.2 Setting

The predominant mining activity in Humboldt County, outside of the study area, is the extraction of aggregate resources (stone, sand, and gravel). Multiple extraction sites throughout the County produce sand and gravel, metals, stone, and clay. There are no mineral resources, existing mines, major mineral deposits, or critical minerals within the study area (DOC 2022). The mineral resources adjacent to the study area are primarily aggregate deposits found along the Mad River and in the Arcata Bottom. Areas along the Mad River, within and upstream of the City's Sphere of Influence, are currently used for aggregate resource extraction but are not within the identified Study Area.

5.6.3 Regulatory Framework

Federal

There are no federal policies or regulations relevant to the Project for mineral resources.

State

Surface Mining and Reclamation Act

The California Surface Mining and Reclamation Act of 1975 (SMARA) provides policies that regulate surface mining operations and encourages the production, conservation, and protection of the state’s mineral resources. During land use planning, local governments must consider the State Mining and Geology Board’s mineral land classifications. The State Geologist has not classified the land within Humboldt County based on the known or inferred mineral resource potential of that land, pursuant to SMARA classifications.

California Coastal Act

A portion of the study area is within the Coastal Zone. Coastal Act Section 30705 and Section 30233 include provisions related to mineral extraction and natural resource protection but are not relevant to this analysis.

Regional and Local

City of Arcata General Plan 2020

The General Plan 2020 contains guidelines for soils and mineral resources within the Resource Conservation and Management Element and the Open Space Element. The following policies from the General Plan 2020 are applicable to the proposed Project.

Policy RC-9: Soils and Mineral Resources

Objective. *Conserve and manage soil and mineral resources.*

Applicable sub-policy:

- ***RC-9c: Management of mineral resource (gravel) extraction, processing, and transport****. Areas along the Mad River, within and upstream of the City's Sphere of Influence, are currently used for aggregate (i.e., gravel) resource extraction. The City shall encourage Humboldt County to limit the quantity of aggregate extracted to an amount that does not exceed the mean annual recruitment and shall request that Policy RC-1 and RC-2 be applied to protect natural biological diversity and ecosystem functions along the river. The City shall also request that the County not approve or renew permits for commercial mineral resource extraction in A-E designated lands in the City's Planning Area. Mineral resource extraction operations shall not result in additional soil runoff, and shall be consistent with the City's seismic safety policies (see Policy PS-2 in Public Safety Element).*

Policy OS-3: Open Space For Managed Production of Resources

Objective. *Designate and conserve resource areas, including forest and agricultural lands, fisheries and aquaculture, groundwater, and mineral resources, for their sustainable, long-term productive capabilities.*

Applicable sub-policies:

- ***OS-3a: Designations for forest, agriculture, fisheries, aquaculture, groundwater, and mineral resource uses and management.*** *All publicly held lands, and some privately held lands adjacent to the Community Forest and east of Aldergrove Industrial Park, actively managed for production of forest, fisheries, aquaculture and mineral resources are designated as Natural Resource [NR] on the General Plan Land Use Element map. Productive agricultural lands are designated on the Open Space Map.*
- ***OS-3b: Development limitations and management for productive resource areas.*** *The policies of the Resource Conservation and Management Element shall be followed for the development and management of productive resource lands. This includes policies for: Natural Biological Diversity; Streams Management; Wetlands Management; Baylands and Tidelands; Agricultural and Forest Resources; and Water, Energy, Soils and Mineral Resources. The City shall require that open space resource management be consistent with these and other applicable General Plan policies.*

Proposed City of Arcata General Plan 2045

Policy RC-9: Soils and Mineral Resources

Objective. *Conserve and manage soil and mineral resources.*

Applicable sub-policy:

- ***RC-9c: Management of mineral resource (gravel) extraction, processing, and transport.*** *Areas along the Mad River, within and upstream of the City's Sphere of Influence, are currently used for aggregate (i.e., gravel) resource extraction. The City shall encourage Humboldt County to limit the quantity of aggregate extracted to an amount that does not exceed the mean annual recruitment and shall request that Policy RC-1 and RC-2 be applied to protect natural biological diversity and ecosystem functions along the river. The City shall also request that the County not approve or renew permits for commercial mineral resource extraction in A-E designated lands in the City's Planning Area. Mineral resource extraction operations shall not result in additional soil runoff, and shall be consistent with the City's seismic safety policies (see Policy PS-2 in Public Safety Element).*

City of Arcata Land Use Code

The City of Arcata Land Use Code addresses site specific standards related to protection of stream resources near extraction sites.

> ***9.28.100: Wetland Protection (:WP) and Stream Protection (:SP) Combining Zones***
>
> ***A. Purpose****. The :WP combining zone is applied to sites and areas with or adjacent to wetlands. The :SP combining zone is applied to sites and areas with or adjacent to streams and tidelands. Both of the combining zones are intended to protect these significant environmental resources from destruction and degradation, and to retain and enhance the resources as valuable natural, scenic, and recreational amenities as appropriate.*
>
> ***D. Site-Specific Standards.***
>
> *a. APNs 507-381-004, -005, and -007 (collectively, Eureka Ready Mix or ERM), and 507-381-001 (Humboldt Flake Board, which is located completely within the stream buffer area) :SP zone will allow for the continued extraction of rock product from the streambed, as permitted under ERM's existing County extraction permit. The Stream Protection setback will be established prior to the issuance of the first discretionary permit. Existing uses on APNs -004, -005 and -007 may operate in perpetuity unless and until such time as the uses described above cease for a period of three years. Following the three-year period, any new use must conform to IL zoning. (Ord. 1428, eff. 5/1/2015)*

City of Arcata Local Coastal Program

City of Arcata's Local Coastal Program contains no policies related to mineral resources.

Humboldt County Ordinance 2117

Ordinance 2117 implements the provisions of the Surface Mining and Reclamation Act of 1975 (SMARA) and establishes county-wide surface mining regulations. County regulations are intended to protect environmental quality, restrict incompatible land uses, and assure sustainable supply of mineral resources. The Ordinance requires a conditional use permit, reclamation plan, and development standards for all surface mining operations throughout the County.

5.6.4 Evaluation Criteria and Significance Thresholds

The adoption and implementation of the Arcata General Plan 2045 would cause a significant impact related to mineral resources, as defined by Appendix G of the CEQA Guidelines, if it would:

– Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state; or
– Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan.

5.6.5 Methodology

Evaluations of potential impacts to mineral resources from the adoption and implementation of the General Plan 2045 were based on review of available documentation, including the California Department of Conservation Mineral Land Classification.

5.6.6 Impacts and Mitigation Measures

Impact MR-a: **Would adoption and implementation of the General Plan result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?**

The proposed General Plan 2045 is not expected to significantly affect mineral resources. Infill development would be promoted by General Plan 2045, and construction of additional buildings and roads would use aggregates, such as those extracted within Humboldt County outside of the study area. The General Plan 2045 promotion of infill development, renovations or expansions of existing buildings, and development in areas served by existing roads, would require comparatively less aggregate than that needed for new development requiring building foundations and new road networks. Development is expected to occur at a modest rate.

Extraction rates are not under the direct control of the City. The General Plan 2045 includes the following policy to promote sustainable aggregate extraction to address potential mineral resource impacts:

> ***Resource Conservation Element Policy RC-9c: Management of mineral resource (gravel) extraction, processing, and transport.*** *Areas along the Mad River, within and upstream of the City's Sphere of Influence, are currently used for aggregate (i.e., gravel) resource extraction. The City shall encourage Humboldt County to limit the quantity of aggregate extracted to an amount that does not exceed the mean annual recruitment and shall request that Policy RC-1 and RC-2 be applied to protect natural biological diversity and ecosystem functions along the river. The City shall also request that the County not approve or renew permits for commercial mineral resource extraction in A-E designated lands in the City's Planning Area. Mineral resource extraction operations shall not result in additional soil runoff and shall be consistent with the City's seismic safety policies (see Policy PS-2 in Public Safety Element).*

The General Plan 2045 is not expected to result in the loss of availability of a known mineral resource classified MRZ-2 by the State Geologist that was of value to the region and the residents of the state. Additionally, the infill focus on General Plan 2045 and Policy RC-9c would reduce potential mineral resource impacts. The impact is less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact MR-b: **Would adoption and implementation of the General Plan result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

There are no mineral resources, existing mines, major mineral deposits, or critical minerals within the study area (DOC 2022). There are no locally important mineral resource recovery sites delineated on a local general plan, specific plan or other land use plan within the study area. Because of the infill growth pattern promoted by the plan, little or no expansion of City boundaries is expected. This means that little or no impact is expected from land use changes on locations that are sources of mineral resources outside the study area. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No Impact

5.6.7 Cumulative Impacts

Impact MR-C-1: **Would the Project contribute to a cumulatively significant impact to Mineral Resources?**

Projects considered for cumulative impacts are identified in Table 1.10-1 and some may require the use of aggregate for construction. As discussed in Impact MR-1, General Plan 2045 contains Policy RC-9c for the City to encourage Humboldt County to limit the quantity of aggregate extracted to a sustainable level and to coordinate with the County on commercial mineral resource extraction uses in the City's Planning Area. Additionally, no land use changes are proposed that could limit access to mineral resources. While the development promoted by General Plan 2045 and other cumulative projects would require mineral resources for construction, development would occur over a 20-year planning horizon. Extraction and production levels would be managed at the County level in accordance with the County General Plan and Ordinance 2117. There would be no cumulative impact related to mineral resources.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

5.6.8 References

California Department of Conservation (DOC). 2022. CGS Information Warehouse: Mineral Land Classification. https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc

5.7 Wildfire

This section evaluates the potential impacts related to wildfire resulting from adoption and implementation of the General Plan 2045. To provide the basis for this evaluation, the Setting section describes the wildfire setting. The Regulatory Framework section describes the regulatory background that applies to the Project. The Impact Analysis section establishes the thresholds of significance, evaluates potential impacts to wildfire, and identifies the significance of impacts.

Of the comment letters received in response to the Notice of Preparation circulated for the proposed Arcata General Plan 2045, there were no comments specific to wildfire.

5.7.1 Study Area

The study area for wildfire includes the City limits and surrounding areas included in the City Planning Boundary (see Figure 2-1 – City of Arcata Planning Areas). The study area was expanded due to the potential for wildfires to spread over large areas.

5.7.2 Setting

A wildfire is a non-structural fire that occurs in vegetative fuels, excluding prescribed fire. Wildfires can occur in undeveloped areas and spread to urban areas where the landscape and structures are not designed and maintained to avoid sparking fire. A wildland-urban interface is an area where development is located in proximity to areas prone to wildland fire. More specifically, the wildland-urban interface exists when a certain set of conditions are present. The National Fire Protection Agency states that these conditions include, but are not limited to, the amount, type, and distribution of vegetation; the flammability of structures in the area and their proximity to fire-prone vegetation and to other combustible structures, weather patterns and general climate conditions, topography, hydrology, and average lot size (NFPA 2009). The United States Forest Service has identified approximately 70 percent of the City as a wildland urban interface (Wildland Urban Interface (WUI) mapping, CAL FIRE Fire and Resource Assessment Program, 2019). Wildland urban interface, or WUI, is the area where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuels. Examples of wildland urban interface could include the neighborhoods near forested hills to the east, open fields to the west of the Gateway Area and north of the Valley West Infill Opportunity Zone, as well as the Arcata Bottoms to the west of the City. However, WUI maps are used as indicators of hazard or risk but are not regulatory in Local Responsibility Area (defined below) that is not mapped as a Very High Fire Hazard Severity Zone (VHFHSZ). The City of Arcata is entirely Local Responsibility Area and there is no VHFHSZ. The Arcata Fire Protection District refers to the guidance of the California State Fire Marshall's FRAP map (Fire and Resource Assessment Program through CAL FIRE) which defines Fire Hazard Severity Zones, as discussed below.

Vegetation acts as the main source of fuel for a potential wildfire. Areas with limited vegetation have a lower risk for wildfires to occur, therefore areas near open spaces may be more likely to experience a wildfire. Climate conditions such as wind, temperature, and humidity are all factors generally used to predict fire behavior. Wind increases the flammability of fuels by removing moisture through evaporation. During a wildfire, wind can carry embers, increasing the fire's range. Higher temperatures and low humidity are also indicative of higher fire risk, increasing flammability of vegetation. Topographic features such as slope as well as overall form of the land effects fire behavior, specifically its intensity, direction, and rate of spread. Fires in flat or gently sloping areas tend to burn slower. Existing hydrology can also have an impact, as streams and rivers tend to channel winds, which can accelerate the fire's speed and direction. The presence of large hydrological features tends to increase humidity and can make areas more resistant to the effects of fire (Humboldt County 2019).

Wildfire Setting of the Study Area

The study area is located primarily within the Arcata Fire Protection District. The Arcata Bottom area west of the City and west of Old Arcata Road and west of SR 299 is a Local Responsibility Area (LRA) and all of the Arcata Fire Protection District lands east of the City boundary is defined as State Responsibility Area. In responding to emergencies, local fire departments work closely with law enforcement, public utilities, the County Office of Emergency Services, and ambulance companies. The upper Jacoby Creek area and a portion of the Planning Area on the western side of Fickle Hill Road about two road miles from the City boundary contain rural residential development and are outside the boundaries any fire related district. The Arcata Fire Protection District will provide “good-will” out-of-district response when requested to these areas and is considering submitting an application to the Humboldt Local Agency Formation Commission to annex these areas. The City limits is located entirely within the boundaries of the Arcata Fire Protection District.

CAL FIRE identifies fire hazard severity zones, which are the likelihood of wildfire hazard, throughout California (CAL FIRE 2022a). Areas throughout the State are classified into fire hazard severity zones of moderate, high, or very high, based on fuel loading, slope, fire weather, and other relevant factors including areas where winds may be a major cause of wildfire spread. CAL FIRE also identifies Federal, State, and Local Responsibility Areas, which each relate to the level of government financially responsible for preparing for, responding to, or mitigating wildfire hazards. Figure 5.7-1 shows the Responsibility Areas and fire hazard severity zones in the study area.

According to the Humboldt County Community Wildfire Protection Plan (County 2019), there have been very few major wildfire events in the Humboldt Bay Area planning unit within recent decades. Only one noteworthy fire near the study area was mentioned. The October 2017 Blue Fire in Blue Lake was caused by downed power lines during high wind conditions. The fire was contained relatively quickly by local and state fire resource; therefore, minimal damage occurred.

Local Responsibility Area

Local Responsibility Area (LRA) are areas where the state is not financially responsible for wildfires and costs associated with a CAL FIRE response, and if requested, costs may be charged to the local agency. The LRA includes the City limits and extends west to the coast. The Arcata Fire Protection District serves the fire suppression and emergency response needs in this area. The Arcata Fire Protection District maintains three fire stations, two located within the City (the Arcata Station at 631 9th Street and the Mad River Station at 3235 Janes Road) to provide rapid response to all incidents within its service area. The Fire Protection District’s boundary extends north past McKinleyville, where the third station is located. Between 2017 to 2022, the Arcata Fire Protection District responded to approximately 125 vegetation fires within the study area; approximately 90 were within the City limits and most did not exceed 0.01 acres in size (personal communication 4/12/23, Justin McDonald, AFPD Fire Chief). Vegetation fires included fires in forests, woodlands, grasses, brush, as well as vegetation burned due to a nearby vehicle fire. In 2007, CAL FIRE developed a draft LRA fire hazard severity zone map for Humboldt County; in which approximately two-thirds of the City was classified as either a moderate or high (CAL FIRE 2007a). CAL FIRE has determined that this county has no Very High Fire Hazard Severity Zones in LRA.; therefore, Humboldt County will not have a Recommended LRA fire hazard severity zone map (CAL FIRE 2008). The 2007 map was not adopted by the City or Arcata Fire Protection District.

The State Responsibility Area (SRA)

The State Responsibility Area (SRA) comprises the area for which the State is financially responsible for preventing and suppressing wildfires. The study area to the east of the City limits is within the SRA and therefore wildfire prevention and suppression is the responsibility of CAL FIRE (CAL FIRE 2007b). Small portions of the study area are also within the boundaries of Humboldt Bay Fire and the Kneeland Fire Protection District. The Arcata Fire Protection District maintains effective automatic and mutual aid agreements with these entities as well as with the Samoa Peninsula Fire Department, Blue Lake Fire Protection District, Fieldbrook Volunteer Fire Department of the Fieldbrook-Glendale Community Services District, and Westhaven Volunteer Fire Department for rapid response to fires within the City and in outlying areas.

The majority of the study area in the SRA is ranked as having a high fire hazard severity index (CAL FIRE 2007b). Areas with moderate fire hazard severity index include the areas surrounding Bayside, potions near the base of Fickle Hill Road, and areas around the Mad River. A small portion of the Planning Area, at the south-eastern-most extent near Kneeland, has a very high fire hazard severity index. The Office of the State Fire Marshal is in the process of updating FHSZ mapping for the State of California as part of an effort to standardize hazard rating classifications across the state. The mapping is still in process but is anticipated to reduce the severity rating of Planning Area around Arcata from high to moderate (CAL FIRE 2022a).

Federal Responsibility Area

Within Federal Responsibility Areas (FRAs), federal agencies, such as the US Forest Service, National Park Service, Bureau of Land Management, United States Department of Defense, United States Fish and Wildlife Service, and Department of the Interior are responsible for wildfire protection. The Samoa Dunes Recreation Area, located along the coast within the Planning Boundary, is managed by the Bureau of Land Management and is in the FRA. A small portion of land along the Humboldt Bay shoreline bordering the southern City limit is located within the FRA.

5.7.3 Regulatory Framework

Federal

The federal government is responsible for responding to wildfires that are on federal lands. FRA land within the study area is managed by Bureau of Land Management and United States Fish and Wildlife Service.

State

California Government Code Section 65302

Government Code Section 65302 establishes standards for developing and updating General Plans, includes fire hazard assessment and Safety Element content requirements.

Related to the Safety Element, the code states,

> *"A safety element for the protection of the community from any unreasonable risks associated with the effects of seismically induced surface rupture, ground shaking, ground failure, tsunami, seiche, and dam failure; slope instability leading to mudslides and landslides; subsidence; liquefaction; and other seismic hazards identified pursuant to Chapter 7.8 (commencing with Section 2690) of Division 2 of the Public Resources Code, and other geologic hazards known to the legislative body; flooding; and wildland and urban fires. The safety element shall include mapping of known seismic and other geologic hazards. It shall also address evacuation routes, military installations, peakload water supply requirements, and minimum road widths and clearances around structures, as those items relate to identified fire and geologic hazards."*
>
> *Additionally, the Safety Element shall "be reviewed and updated as necessary to address the risk of fire for land classified as state responsibility areas, as defined in Section 4102 of the Public Resources Code, and land classified as very high fire hazard severity zones, as defined in Section 51177. This review shall consider the advice included in the Office of Planning and Research's most recent publication of "Fire Hazard Planning, General Plan Technical Advice Series" and shall also include all of the following:*
>
> *A. Information regarding fire hazards, including, but not limited to, all of the following:*
>
> *I. Fire hazard severity zone maps available from the Department of Forestry and Fire Protection.*
>
> *II. Any historical data on wildfires available from local agencies or a reference to where the data can be found.*
>
> *III. Information about wildfire hazard areas that may be available from the United States Geological Survey.*

IV. *General location and distribution of existing and planned uses of land in very high fire hazard severity zones and in state responsibility areas, including structures, roads, utilities, and essential public facilities. The location and distribution of planned uses of land shall not require defensible space compliance measures required by state law or local ordinance to occur on publicly owned lands or open-space designations of homeowner associations.*

V. *Local, state, and federal agencies with responsibility for fire protection, including special districts and local offices of emergency services.*

B. *A set of goals, policies, and objectives based on the information identified pursuant to subparagraph (A) for the protection of the community from the unreasonable risk of wildfire.*

C. *A set of feasible implementation measures designed to carry out the goals, policies, and objectives based on the information identified pursuant to subparagraph (B) including, but not limited to, all of the following:*

I. *(i) Avoiding or minimizing the wildfire hazards associated with new uses of land.*

II. *(ii) Locating, when feasible, new essential public facilities outside of high fire risk areas, including, but not limited to, hospitals and health care facilities, emergency shelters, emergency command centers, and emergency communications facilities, or identifying construction methods or other methods to minimize damage if these facilities are located in a state responsibility area or very high fire hazard severity zone.*

III. *(iii) Designing adequate infrastructure if a new development is located in a state responsibility area or in a very high fire hazard severity zone, including safe access for emergency response vehicles, visible street signs, and water supplies for structural fire suppression.*

IV. *(iv) Working cooperatively with public agencies with responsibility for fire protection.*

D. *If a city or county has adopted a fire safety plan or document separate from the general plan, an attachment of, or reference to, a city or county's adopted fire safety plan or document that fulfills commensurate goals and objectives and contains information required pursuant to this paragraph.*

California Code of Regulations

This is the official code for the State of California and all political subdivisions. It is compiled into Titles, some of which include regulations related to wildfire or emergency response agencies.

Title 8 (Cal/OSHA). *Title 8, Sections 1270 and 6773 establishes fire suppression service standards, including hose size requirements and design of emergency access roads.*

Title 14 (Natural Resources). *Division 1.5 (Department of Forestry and Fire Protection) establishes various wildfire preparedness, prevention, and response regulations.*

Title 19 (Public Safety). *Title 19 of the CCR establishes regulations related to fire prevention and engineering measures for new construction.*

Title 24 (California Building Standards Code). *Title 24 Part 9 is the California Fire Code. It contains regulations for safeguarding life and property from fire and explosion, dangerous conditions arising from the storage, handling, and use of hazardous materials and devices, hazardous conditions in the use or occupancy of buildings or premises, as well as provisions to assist emergency response personnel. Fire-safety-related building standards are cross-referenced in other parts of Title 24. Part 7 includes information related to building materials, systems and/or assemblies to be used in the exterior design and construction of new buildings located within a wildland urban interface area. Section 701A.3.2 requires that new buildings that require building permits must comply with all sections of the chapter if located in any fire hazard severity zone in State Responsibility Areas, any very-high fire hazard severity zone in Local Responsibility Areas, or any wildland-urban interface fire area designated by the enforcing agency.*

California Department of Forestry and Fire Protection

California Department of Forestry and Fire Protection (CAL FIRE) protects the people of California from fires, responds to emergencies, and protects and enhances forest, range, and watershed values providing social, economic, and environmental benefits to rural and urban citizens. CAL FIRE responded to 7,490 wildfire incidents in 2022, which burned a total of 362,455 acres (CAL FIRE 2022b).

Pursuant to Public Resources Code (PRC) Sections 4201-4204 and Government Code Sections 51175-89, CAL FIRE has created Fire Hazard Severity Zone (FHSZ) maps for the state that identify areas that are within state or local responsibility areas for preventing or suppressing fires. These maps identify areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. The FHSZ zones then define the application of various mitigation strategies to reduce risks associated with wildland fires. State Responsibility Areas (SRAs) were originally mapped by CAL FIRE in 1985 and Local Responsibility Areas (LRAs) in 1996. Within State Responsibility Areas, the Director of CAL FIRE has designated areas as moderate, high and very high fire hazard severity zones. Outside of SRAs, but within LRAs the Director of Cal Fire was charged with recommending the locations of very high fire hazard severity zones. The wildland urban interface is defined in this code as *"a geographical area identified by the state as a 'Fire Hazard Severity Zone' in accordance with the Public Resources Code Sections 4201 through 4204 and Government Code Sections 51175 through 51189, or other areas designated by the enforcing agency to be at a significant risk from wildfires."*

California Public Resources Code Fire Safe Regulations

The California Public Resources Code (PRC) sets forth fire safety regulations that include the following:

- Earthmoving and portable equipment with internal combustion engines must be equipped with a spark arrestor to reduce the potential for igniting a wildland fire (PRC Section 4442).
- Appropriate fire suppression equipment must be maintained during the highest fire danger period – from April 1 to December 1 (PRC Section 4428).
- On days when a burning permit is required, flammable materials must be removed to a distance of 10 feet (3 meters) from any equipment that could produce a spark, fire or flame, and the construction contractor must maintain the appropriate fire suppression equipment (PRC Section 4427).
- On days when a burning permit is required, portable tools powered by gasoline-fueled internal combustion engines must not be used within 25 feet (7 meters) of any flammable materials (PRC Section 4431).
- Section 4290 of the PRC requires the adoption regulations implementing minimum fire safety standards within SRA relating to road standards for fire equipment access; standards for signs identifying streets, roads, and buildings; minimum private water supply reserves for emergency fire use; and fuel breaks and greenbelts.
- Section 4291 of the PRC requires annual defensible space of 100 feet to be provided around all structures in or adjoining any mountainous area or land covered with forest, brush, grass, or other flammable material.

California Health and Safety Code Division 12 (Fires and Fire Protection)

Division 12 [13000-14960] sets state fire regulations to provide for the enforcement of the California Fire Code, mandate the abatement of fire hazards, standards for buildings and fire protection devices, and regulations for specific land uses.

State of California Emergency Response Plan

California has developed the State of California Emergency Response Plan to coordinate emergency services provided by federal, state, and local government agencies. The plan is administered by the State Office of Emergency Services, which coordinates the responses of other agencies such as local fire and police agencies, emergency medical providers, California Highway Patrol (CHP), the California Department of Fish and Wildlife and Caltrans (CGOES 2017).

California Coastal Act

Section 30253 states that *"new development shall minimize risks to life and property in areas of high geologic, flood, and fire hazard."*

Local

This section includes City of Arcata policies and plans for the portions of the Project within City limits and within the Coastal Zone, the Humboldt County policies and plans for the area outside City jurisdiction.

City of Arcata General Plan 2020

The General Plan 2020 contains the following policies relating to wildfire in the Public Service Element.

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1a: City Emergency Response Plan.*** *The City shall maintain a comprehensive response plan for emergencies, including seismic events, tsunamis, slope failures, floods, storms, fires, and materials spills or contamination. The plan will provide for timely and coordinated response to emergencies that threaten community residents, property, and vital services. The plan will identify City and other emergency response agencies that should be contacted, and also identify neighborhood resources available for more localized assistance and relief.*
- ***PS-1b: Evacuation routes/transportation facilities.*** *Emergencies such as floods, storms, fires, distantly generated tsunamis, and hazardous materials spills may necessitate immediate evacuation of affected areas. A map of evacuation routes shall be included in City and neighborhood emergency response plans. These plans will also include evacuation methods for residents who are without, or unable to operate, vehicles. An emergency access plan shall be developed for access to the east side of town (east of State Route 101) after a major seismic event.*
- ***PS-1c: Disaster preparedness coordination using the Standardized Emergency Management System.*** *City staff responsible for emergency response shall be trained in Standardized Emergency Management System (SEMS) implementation, which is necessary to receive reimbursement from the State of California for disaster response related costs. This training includes instruction about the Incident Command System (ICS) which is used to manage emergency incidents or non-emergency events.*
- ***PS-1e: Development & design standards for emergency response.*** *New and renovated structures, as well as streets, driveways, and alleyways, shall be designed to provide adequate entry and exit by emergency vehicles and personnel. This includes visible street numbering, emergency vehicle turn-arounds, accessible building entry points and stairways, lighting, and interior evacuation routes.*

Policy PS-5: Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5b: Review of development for fire safety.*** *The Arcata Volunteer Fire Department takes an active role in reviewing new development for compliance with fire safety standards. The City shall continue to incorporate Fire Department review to ensure that driveways, turns-arounds, and other access ways have sufficient width, vertical clearance, and turn-around space for fire fighting vehicles. Roadways shall have an all-weather surface and grades shall not exceed the Fire Department's maximum slope standards for emergency access.*

- ***PS-5c: Water supply (fire flow).*** *The City's fire hydrant system provides the primary source of water for fighting urban fires. The City shall maintain fire hydrant spacing so that no residential structure is more than 500 feet from a hydrant and no commercial or industrial structure is more than 300 feet from a hydrant. Each hydrant shall have adequate fittings and be capable of providing adequate water flows to meet Fire Department standards. The City shall maintain adequate fire flows in its water system. Open-water sources such as ponds, swimming pools, private storage tanks, and reservoirs may be used as a secondary water source by fire-fighting apparatus. These sources shall be equipped with appropriate filtering devices or strainers to prevent clogging of water pumps.*
- ***PS-5d: Management of wildland fire hazards.*** *Wildland fires in forested areas of the City can cause property damage and threaten nearby structures. Buildings in forested areas shall use materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall encourage the Arcata Fire Department to maintain its mutual aid agreement with the California Department of Forestry and Fire Prevention (CDF) to insure rapid response to wildland fires.*

Proposed City of Arcata General Plan 2045

Policies in the proposed General Plan 2045 relating to wildfire in the Public Services Element include:

Policy PS-1: Emergency Preparedness

Objective. *Ensure that the City, its residents, businesses, agencies, and organizations are prepared for emergencies or disasters and have effective response and recovery plans in place.*

Applicable sub-policies:

- ***PS-1g: Humboldt County Operational Area Hazard Mitigation Plan (Hazard Plan).*** *The 2019 Humboldt County Operational Area Hazard Mitigation Plan and City of Arcata Annex is adopted by reference into the General Plan. General Plan policies and actions shall support its goals and objectives and incorporate policies and programs to address the climate vulnerabilities identified in the City of Arcata Annex.*
- ***PS-1h: Severe Weather Hazards.*** *Ensure that utilities, buildings, and infrastructure in the City can meet vital community needs during and after severe weather.*

Policy PS-5 Fire Hazards

Objective. *Minimize risk of personal injury and property damage resulting from structural (urban) and wildland fires.*

Applicable sub-policies:

- ***PS-5b: Review of development for fire safety.*** *The Arcata Fire Protection District (District) reviews new development for compliance with fire safety standards. The City shall continue to incorporate review by the District to ensure that buildings and sites adhere to relevant fire and building codes, including sprinklers, vertical clearance, and turn-around space for fire fighting vehicles.*
- ***PS-5c: Water supply (fire flow).*** *The City's fire hydrant system provides the primary source of water for fighting urban fires. The City shall maintain fire hydrant spacing so that no residential structure is more than 500 feet from a hydrant and no commercial or industrial structure is more than 300 feet from a hydrant. Each hydrant shall have appropriate fittings and be capable of providing adequate water flows to meet the California Fire Code requirements.*

  The City shall maintain adequate fire flows in its water system. Open-water sources such as ponds, swimming pools, private storage tanks, and reservoirs may be used as a secondary water source by fire-fighting apparatus. These sources shall be equipped with appropriate filtering devices or strainers to prevent clogging of water pumps.
- ***PS-5d: Management of wildland fire hazards.*** *Fires in the wildland urban interface (WUI) areas of the City can cause property damage and threaten nearby structures. Buildings in WUI areas shall use*

materials such as non-flammable perimeter vegetation and roofing material to prevent exposure to wildland fires. The City shall support the ongoing implementation of the Humboldt County Community Wildfire Protection Plan and encourage residents in WUI areas to follow its recommendations. The City supports the Fire District in maintaining its mutual aid agreement with the California Department of Forestry and Fire Prevention (CAL FIRE) to insure rapid response to wildland fires.

- ***PS-5e: Wildland Fire Risk Reduction and Defensible Space Around Homes.*** *The City will draw on available local and regional guidance and support efforts to reduce wildland fire risk. To do so, the City encourages creating defensible space around homes and other structures in wildlands and the wildland urban interface. The City shall support programs and plans that reduce wildland fire risk.*

City of Arcata Local Coastal Program

The 1989 City of Arcata Local Coastal Plan classifies fire hazards in the Coastal Zone as "no natural fire hazard" to "low natural fire hazard" and therefore are not considered a significant potential hazard. There are no applicable policies within the City of Arcata Local Coastal Plan that regulates wildfire.

City of Arcata Emergency Operations Plan

The City of Arcata Emergency Operations Plan (EOP), adopted on September 1, 2021, informs the City's response to and recovery from emergencies and disasters as well as outlines coordination among departments and regional partners (City of Arcata 2021). The EOP primarily addresses the following local hazards in the Arcata area: wildfire, major structure fire, extreme weather, flooding, landslides, hazardous materials, oil spill, energy shortage, power outages, earthquake, tsunamis, dam failure, communicable disease outbreak, civil disturbance, and mass casualty incident. The 2021 EOP update integrated results from the Humboldt County Operational Area Hazard Mitigation Plan (Humboldt County 2020a, 2020b) evaluation of hazards affecting the City.

Based on the Humboldt County Operational Area Hazard Mitigation Plan risk assessment, wildfire was ranked 2nd based on the risk it poses to the overall Operational Area and was identified as having a high likelihood of occurring within 25 years. The Hazard Mitigation Plan acknowledged wildfire risks vary throughout the County and wildfire in Arcata was ranked with a probability of occurring infrequently and of low risk severity. While Arcata currently experiences higher humidity and moderate summer temperatures, reducing wildfire risk, climate change could increase the likelihood of extreme weather events that could in turn increase the frequency and severity of wildfires in the Arcata area.

Humboldt County General Plan

The goals and policies within the Humboldt County General Plan that regulate wildfire include the following:

S-G4. Fire Risk and Loss

Development designed to reduce the risk of structural and wildland fires supported by fire protection services that minimize the potential for loss of life, property, and natural resources.

S-P1. Reduce the Potential for Loss

Plan land uses and regulate new development to reduce the potential for loss of life, injury, property damage, and economic and social dislocations resulting from natural and manmade hazards, including but not limited to, steep slopes, unstable soils areas, active earthquake faults, wildland fire risk areas, airport influence areas, military operating areas, flood plains, and tsunami run-up areas.

S-P17. Joint Planning and Implementation

The County shall plan collaboratively with local fire agencies and companies, Cal Fire, and federal fire organizations on countywide fire prevention and response strategies. Implementation shall be coordinated to maximize efficiency and ensure efforts are complimentary.

S-P19. Conformance with State Responsibility Areas Fire Safe Regulations

Development shall conform to Humboldt County State Responsibility Area Fire Safe Regulations.

S-P22. Prescribed Burning

Encourage the use of prescribed burning as a management tool for hazardous fuels reduction, timber management purposes, livestock production, and enhancement of wildlife habitat.

S-P23. Hazardous Fuel Reduction

Encourage land management activities that result in the reduction of hazardous fuels and also support timber management, livestock production, and the enhancement of wildlife habitat, through the use of prescribed burning, hand or mechanical methods, firewise plants, biomass utilization, and animal grazing.

S-P24. Fire Safe Education

Expand fire prevention and mitigation education capacity in the county.

RL-P4. Fire Safety Hazards

Support implementation of State Responsibility Area Fire Safe Standards and Wildland-Urban Interface Building Codes for new development and voluntary programs for fuels reduction, dwelling fire protection and creation of defensible space for existing development.

Humboldt Bay Area Plan Local Coastal Plan

There are no applicable policies in the Humboldt Bay Area Plan pertaining to wildfire.

Humboldt County Emergency Operation Plan

The Humboldt County Emergency Operation Plan (EOP) addresses the planned response to extraordinary emergency situations associated with natural disasters, technological incidents, and national security emergencies in or affecting Humboldt County (Humboldt County 2015). The Federal Emergency Management Agency (FEMA) approved the Humboldt Operational Area Hazard Mitigation Plan on March 20, 2014. The EOP addresses integration and coordination with other governmental levels when required. The EOP accomplishes the following:

- Establishes the emergency management organization required to mitigate any significant emergency or disaster affecting Humboldt County.
- Identifies the policies, responsibilities, and procedures required to protect the health and safety of Humboldt County communities, public and private property, and the environmental effects of natural and technological emergencies and disasters.
- Establishes the operational concepts and procedures associated with field response to emergencies, County Emergency Operations Center activities, and the recovery process.

Humboldt County Operational Area Hazard Mitigation Plan

The Humboldt County Operational Area Hazard Mitigation Plan (HMP) 2019 is a multi-jurisdictional plan to identify and reduce hazards before any type of hazard event occurs (Humboldt County 2020a, 2020b). The Hazard Mitigation Plan aims to reduce losses from future disasters such as dam failure, drought, earthquake, fish losses, flooding, landslide, severe weather, tsunami, and wildfire. The Hazard Mitigation Plan also includes a vulnerability analysis and proposed initiatives designed to minimize future hazard-related damage. The 2019 update was approved by the California Governor's Office of Emergency Services in 2019. In 2020 the Federal Emergency Management Agency determined the HMP is eligible for approval pending adoption by participating jurisdictions. The City adopted the HMP on March 18, 2020, to guide pre- and post-disaster mitigation of the hazards identified.

The HMP included risk assessment modeling that took into account the following:

– hazard identification and profiling,
– Assessment of the impact of hazards on physical, social, and economic assets,
– Identification of particular areas of vulnerability,
– Estimates of the cost of potential damage.

The HMP recommends a list of actions to mitigate wildfire risk and recommends the “Priority Action Recommendations” identified in the Community Wildfire Protection Plan Humboldt Bay Area Planning Unit Action Plan that are pertinent to Arcata (Humboldt County 2019).

Humboldt County Community Wildfire Protection Plan

The Humboldt County Community Wildfire Protection Plan (CWPP) serves as the guiding document for the work of the Humboldt County Fire Safe Council (Humboldt County 2019). It is a planning tool to help secure funding for numerous projects that have helped residents and community groups prepare for the impacts of wildfire. The CWPP contains six goal areas:

1. Wildfire Ignition Prevention: Reduce human-caused wildfire ignitions;
2. Wildfire Preparedness: Increase community resilience and adaptation to wildfire;
3. Disaster Preparedness: Increase resident’s ability to effectively prepare for and survive wildfire;
4. Fire Protection: Support fire protection for people, property, communities, and natural resources;
5. Restoration of Beneficial Fire: Restore beneficial fire at the landscape level;
6. Integrated Planning: Maximize integration of planning efforts to improve community; and ecosystem resilience to wildfire.

The CWPP breaks the county down into 14 planning units in order to gain community feedback and to create individual plans relevant to the particular community. Arcata is located in the Humboldt Bay Planning Unit (Unit 8) which covers all areas within the greater Humboldt Bay Area. The Humboldt Bay Area Plan identifies community assets and values at risk, the wildfire environment, fire protection capabilities, evacuation, community preparedness, wildfire prevention plans, community identified potential projects, and an action plan. The Plan states that evacuation routes within the Planning Unit will depend on the location of the community at risk and law enforcement recommendations based on fire behavior, wind patterns, traffic, and ingress of emergency vehicles. Evacuation from within this unit will take place traveling either north or south along Highway 255. The CWPP also identifies local wildfire prevention plans within the Humboldt Bay Planning Unit, some of which are located within the study area. These include the Upper Jacoby Creek Firewise Action Plan and the Humboldt Redwood Company Fire Plan.

5.7.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the Project would result in a significant impact if it was located in or near a State Responsibility Area or lands classified as very high fire hazard severity zones, and would result in any of the following:

– Substantially impair an adopted emergency response plan or emergency evacuation plan;
– Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire;
– Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in the temporary or ongoing impacts to the environment; or
– Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire instability, or drainage changes.

The following sections describe the anticipated environmental impacts due to wildfire risks from the Project.

5.7.5 Methodology

The impact assessment considered the CAL FIRE fire hazard responsibility zones attributed to the study area, as well as environmental and topographical characteristics of the built and natural environment within the study area. The study area is located partially within and adjacent to the State Responsibility Area for fire protection. The State Responsibility Areas within the study area are generally classified as high or moderate fire hazard severity zones, with a small portion of “very high” severity zoned lands located in the southeast study area boundary, outside of City limits.

5.7.6 Impacts and Mitigation Measures

Impact WDF-a: Would adoption and implementation of the General Plan substantially impair an adopted emergency response plan or emergency evacuation plan?

The City of Arcata Emergency Operations Plan (EOP) informs the City’s response to and recovery from emergencies and disasters, as well as outlines coordination among departments and regional partners (City of Arcata 2021). It includes a brief local hazard analysis, plans and actions that can mitigate the consequences of disasters, preparedness activities, general steps for incident response, and general methods for disaster recovery. The EOP does not identify specific evacuation routes. General Plan 2045 policies are consistent with the EOP. Therefore, no impact would occur.

General Plan 2020 Transportation Element Policy T-1d (also included in General Plan 2045) states that “Critical transportation facilities for emergency vehicle access and emergency evacuation shall be maintained and improved as a priority need.” Critical transportation facilities are identified as “the major routes into and out of the City such as Highways 101, 299, and 255, their interchanges with City streets and primary intra-city street connections including Samoa Boulevard, 11th Street, "G" and "H" Streets, Sunset Avenue, L.K. Wood Boulevard, Alliance Road, Janes Road, and Giuntoli Lane.” Adoption and implementation of the General Plan 2045 would not impair emergency evacuation via these identified routes. No impact would occur.

In March 2020, the City adopted the multi-jurisdictional Humboldt County Operational Area Hazard Mitigation Plan (Humboldt County 2020a, 2020b) to guide pre- and post-disaster mitigation of hazards. The Hazard Mitigation Plan results were integrated into the City’s 2021 EOP. General Plan 2045 includes Public Safety Element Policy PS-1g stating that “General Plan policies and actions shall support [Hazard Mitigation Plan 2019] goals and objectives and incorporate policies and programs to address the climate vulnerabilities identified in the City of Arcata Annex.” The adoption and implementation of the General Plan 2045 would not impair the Hazard Mitigation Plan. Therefore, no impact would occur.

A component of the Arcata General Plan 2045 is to prepare a City Emergency Response Plan (see Policy PS-1a and 1b), which would include a map of evacuation routes and methods for residents who are without or are unable to operate a vehicle. The emergency access plan would include access to the east side of town (east of Highway 101) after a major seismic event. The majority of the neighborhoods in the City have at least two potential evacuation routes in the event of an emergency. Residential areas with only one evacuation route include upper Diamond Drive, California Avenue, Fickle Hill Road, Beverly Way, a portion of Beverly Drive, and others in the Grotzman Creek drainage. Public Safety Element Implementation Measures identifies Measure PS-2 to “evaluate potential alternative routes for residential areas with limited evacuation options. Where there are no feasible alternative routes, identify and implement realistic actions that can provide protection to evacuees from likely hazards.” This is expected to be achieved in Year 2 by the City Manager’s Office, City Environmental Services, Arcata Police Department, and Arcata Fire Protection District. No new policy or land use change would impair existing evacuation routes or place development or people in areas without evacuation routes. Therefore, no impact would occur.

The Humboldt County Emergency Operations Plan does not designate specific evacuation routes, emergency shelter locations, or include policies or procedures with which the Arcata General Plan 2045 would conflict (Humboldt County 2015). Consistent with the Humboldt County Emergency Operations Plan, the General Plan 2045 (Policy PS-1c) identifies the use of Standardized Emergency Management System (SEMS) and Incident

Command System (ICS) to manage emergency incidents or non-emergency events. Therefore, no impact would occur.

The Humboldt County Community Wildfire Protection Plan (CWPP) Humboldt Bay Area Plan identifies community assets and values at risk, the wildfire environment, fire protection capabilities, evacuation, community preparedness, wildfire prevention plans, community identified potential projects, and an action plan (Humboldt County 2019). The CWPP identifies Highway 101 and Highway 255 as primary evacuation routes from Arcata. Old Arcata Road/Myrtle Avenue, Janes Road, Spear Avenue, Alliance Road, and Jackson Ranch Road are alternative evacuation routes. Within the Planning Boundary, numerous smaller roads, including some one-way-in and one-way-out roads, currently connect residences and neighborhoods to Highway 101 and could create serious complications for emergency vehicle responses and access during home evacuations or wildfire burning. To ensure safety of residents, maintaining proper clearance and vegetation removal around structures is critical for effective emergency response. General Plan 2045 policies remain consistent with the CWPP. Policy PS-5d states “The City shall support the ongoing implementation of the Humboldt County Community Wildfire Protection Plan (CWPP) and encourage residents in WUI [wildland urban interface] areas to follow its recommendations.” Additionally, to minimize the risk of personal injury and property damage resulting from urban and wildland fires, General Plan 2045 Public Safety Element Policy PS-5a requires adequate lighting, street numbering, and access to ensure rapid response by fire-fighting vehicles and Policy PS-5e encourages the use of defensible space around structures to reduce wildland fire risk. Policy PS-1f includes expanding the Arcata Community Emergency Services Response Teams program, which is essential for mobilizing neighborhood response to emergencies. For these reasons, implementation of the Arcata General Plan 2045 would not increase the existing risk of wildland fires to people or structures. No impact would occur.

The Arcata General Plan 2045 is consistent with and complimentary to other local and regional emergency response or evacuation plans. Additionally, to ensure adequate emergency access, Public Safety Policy PS-1e requires the design of new and renovated structures to provide adequate entry and exit by emergency vehicles and personnel and Policy PS-5b requires Arcata Fire District review of new development for compliance with fire safety standards. For these reasons and those described above, implementation of the Arcata General Plan 2045 would not substantially impair an adopted emergency response plan or emergency evacuation plan.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

Impact WDF-b: Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose study area occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Infill Opportunity Zones

The Infill Opportunity Zones, where more concentrated development is proposed, are located in areas that are relatively flat and sloped less than 15 percent. They are not located at the base of a hillside. The Infill Opportunity Zones are not forested, although trees and vegetation are present. The areas are largely covered in impervious surfaces or contain existing development. Wildfire ignition risk is low in the Infill Opportunity Zones, though could occur purposely through arson or accidentally through other activities. Accidental ignition could be caused from heavy machinery or equipment used during construction activities, warming fires at camp sites, vehicles, or industrial/agricultural operation. These activities currently occur in the Infill Opportunity Zones; however, construction activity could temporarily increase. The Project would not otherwise increase exposure to wildfire above existing conditions.

Two of the Infill Opportunity Zones (Gateway Area and Valley West) are mapped as near the wildland urban interface per federal guidance. However, federal WUI interpretations are not regulatory, and the State Fire Marshall’s Fire Hazards Severity Maps are used within Local Responsibility Areas, which rely on the Fire and Resource Assessment Program mapping, which analyze the amount and extent of California’s forests and rangelands and identifies Fire Hazard Severity Zones. Parcels within City limits, with a handful of exceptions on

the eastern boundaries of the City, are located within the Local Responsibility Area and are not designated by the State Fire Marshall as Moderate, High, or Very High Fire Risk. All four Infill Opportunity Zones are within the urban core of the city and are not located in close proximity to wooded areas on the outskirts of the city or zones of transition between developed and unoccupied lands.

The General Plan 2045 proposes an infill strategy, avoiding densifying outlying areas of the city, an emphasizing dense development in these infill opportunity zones, reducing the wildland urban interface and unmaintained vegetative fuels. Additionally, structures would be built to meet California Building Code and California Fire Code standards. The policies and programs proposed in the General Plan 2045 listed in Section 5.7.3 (Local Regulatory Framework) would also reduce the potential for exposure to wildland fires through disaster preparedness, management of urban and wildland fire hazards, development review, maintenance of water supply and hydrants, and wildland fire risk reduction programs. The degree of wildland fire hazard would not significantly change with the adoption and implementation of the General Plan 2045 compared to existing conditions. The impact would be less than significant.

Remaining Study Area

Eastern portions of the City and further east into the Planning Boundary is located in the State Responsibility Area. It is generally hilled and sloped greater than 15 percent. Increased development in this area could potentially expose people or structures to risks from downslope or downstream flooding or landslides as a result of runoff, post-fire slope instability, or drainage changes. The adoption and implementation of the General Plan 2045 would not promote increased development in or adjacent to the State Responsibility Area or in areas with very high FHSZ. By encouraging development in the flatter and more urbanized Infill Opportunity Zones, the General Plan 2045 would potentially reduce the exposure of additional people or structures to significant risk related to post-fire conditions that could occur in the State Responsibility Area. Additionally, Public Safety Element Implementation Measure PS-5 and PS-6 require the City to evaluate renewing a cooperative agreement with CALFIRE and to prepare a wildland fire risk reduction program that include funding and outreach to assist landowners in establishing and maintaining defensible space or building retrofits to reduce their vulnerability to wildfire. No impact would occur.

The western portion of the City and further west into the Planning Boundary includes very low slopes in the coastal bottomland near Humboldt Bay and the Pacific Ocean. Coastal winds are common in this area; however, humidity is high due to proximity to the ocean, reducing fire risk. The area mainly consists of pasture lands and could be susceptible to a grassland fire, though also contains a mosaic of low-lying sloughs and agricultural ditches contributing to seasonally moist soil conditions. The presence of large hydrological features tends to increase humidity and can make these areas more resistant to the effects of fire (Humboldt County 2019). Currently development is sparse in this area; therefore, few study area occupants would be subjected to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire. The General Plan 2020 encourages the preservation of open space in this area and intends that the areas should not be developed with urban densities (Policy GM-1d). General Plan 2045 maintains this policy, therefore would not increase the wildfire risk above existing conditions.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact WDF-c: **Would adoption and implementation of the Project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?**

Citywide and Infill Opportunity Zones

No development is proposed or would be approved as part of the General Plan 2045; however, construction associated with future development could result in a low fire ignition risk associated with a potential heavy

machinery accident. In some cases, development could reduce wildland fire risk through the removal of unmanaged vegetation. Potential development sites within the City limits, including the four identified Infill Opportunity Zones, generally have existing infrastructure (including local roadways, powerline, and other utilities) and services are already in place, or readily available. These areas are served by existing City water services and Public Safety Policy PS-5c requires that the City maintains hydrants and adequate fire flows in its water system. Additional discussion of water service is included in Section 3.13 (Utilities and Service Systems). Any future infrastructure projects would be reviewed for compliance with local and regional policies and programs as well as adopted state and local fire codes. It would also require project specific review, including Arcata Fire Protection District review (Policy PS-5b). The adoption and implementation of General Plan 2045 would not significantly exacerbate wildfire risks above existing conditions. A less than significant impact would occur.

Remaining Study Area

The General Plan 2045 does not encourage construction or development in the State Responsibility Area and therefore does not propose the installation or maintenance of associated infrastructure that would significantly exacerbate fire risk or result in temporary or ongoing impacts to the environment. The General Plan 2045 does not propose new roadway or utility extensions into undeveloped areas which would pose additional or increased wildfire risk. Therefore, no impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact WDF-d: Would adoption and implementation of the General Plan expose people or structures to significant risks, including downslope or downstream flooding or landslides as a result of runoff, post-fire slope instability, or drainage changes?

Infill Opportunity Zones

The Infill Opportunity Zones, where more concentrated development is proposed, are located in areas that are relatively flat, sloped less than 15 percent, and not within close proximity to hillsides. Because the Project is located in flat urban areas, risk of flooding or landslides associated with post-fire slope instability or changes in drainage is extremely low. Additionally, infill development would occur in or near areas largely covered in impervious surface which would not erode. The adoption and implementation of the General Plan 2045 would not expose people or structures to significant risk. No impact would occur.

Remaining Study Area

The area to the west of the City is generally flat and sloped less than 15 percent. Natural drainages are generally low-lying slough or agricultural ditches. The area mainly consists of pasture lands and could be susceptible to a grassland fire. Currently development is sparse in this area; therefore, fewer people and structures would be subjected to fire impacts in the case of a wildfire. The General Plan 2020 encourages the preservation of open space in this area and intends that the areas should not be developed with urban densities (Policy GM-1d). General Plan 2045 maintains this policy, therefore would not increase the risk above existing conditions. In the event of a fire, post-fire slope instability or drainage changes would not occur, as the area is nearly flat. No impact would occur.

The eastern portion of the City and further east into the Planning Boundary is generally hilled and sloped greater than 15 percent. Increased development in this area could potentially expose people or structures to risks from downslope or downstream flooding or landslides as a result of runoff, post-fire slope instability, or drainage changes. The adoption and implementation of the General Plan 2045 would not promote increased development in the hillside areas beyond existing conditions. By encouraging development in the flatter, urban Infill Opportunity Zones, the General Plan 2045 would potentially reduce the exposure people or structures to significant risk related to post-fire conditions. No impact would occur.

Mitigation Measures: No mitigation is necessary

Level of Significance: No impact

5.7.7 Cumulative Impacts

The geographic boundary for cumulative projects related to wildfire impacts is the City of Arcata Planning Boundary.

Impact WDF-C-1: Would adoption and implementation of the General Plan contribute to a cumulatively significant impact to Wildfire risk?

As discussed in above, the adoption and implementation of General Plan 2045 would have a less than significant impact associated with the exacerbation of wildfire risks. Similar to development supported by the General Plan 2045, other projects identified in Table 1.10-1 could potentially result in accidental ignition of a wildfire during construction or operation given the use of heavy machinery. Cumulative projects would be subject to compliance with applicable federal, state, and local regulations related to safety of construction equipment. Additionally, the study area and the areas of cumulative projects would be served by CAL FIRE or equivalent Fire Department in the event of a wildland fire. The Project's contribution to cumulative impacts related to the exacerbation of wildfire risks would not be cumulatively considerable, and therefore is less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

5.7.8 References

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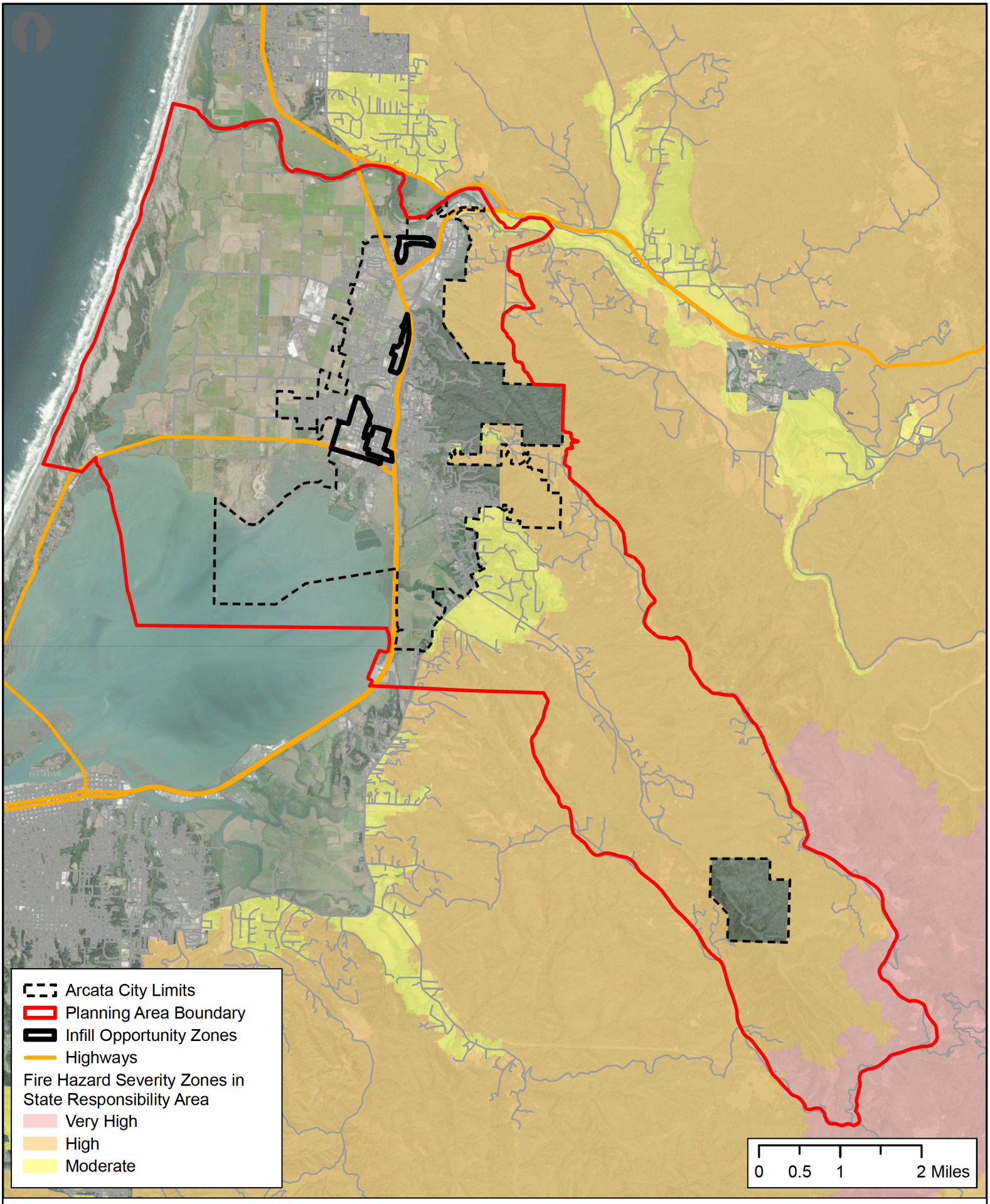

Figure 5.7-1: Local and State Responsibility Area Fire Hazard Severity Zones

Created by GHD
Map Date: 8/30/2023

Source: Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

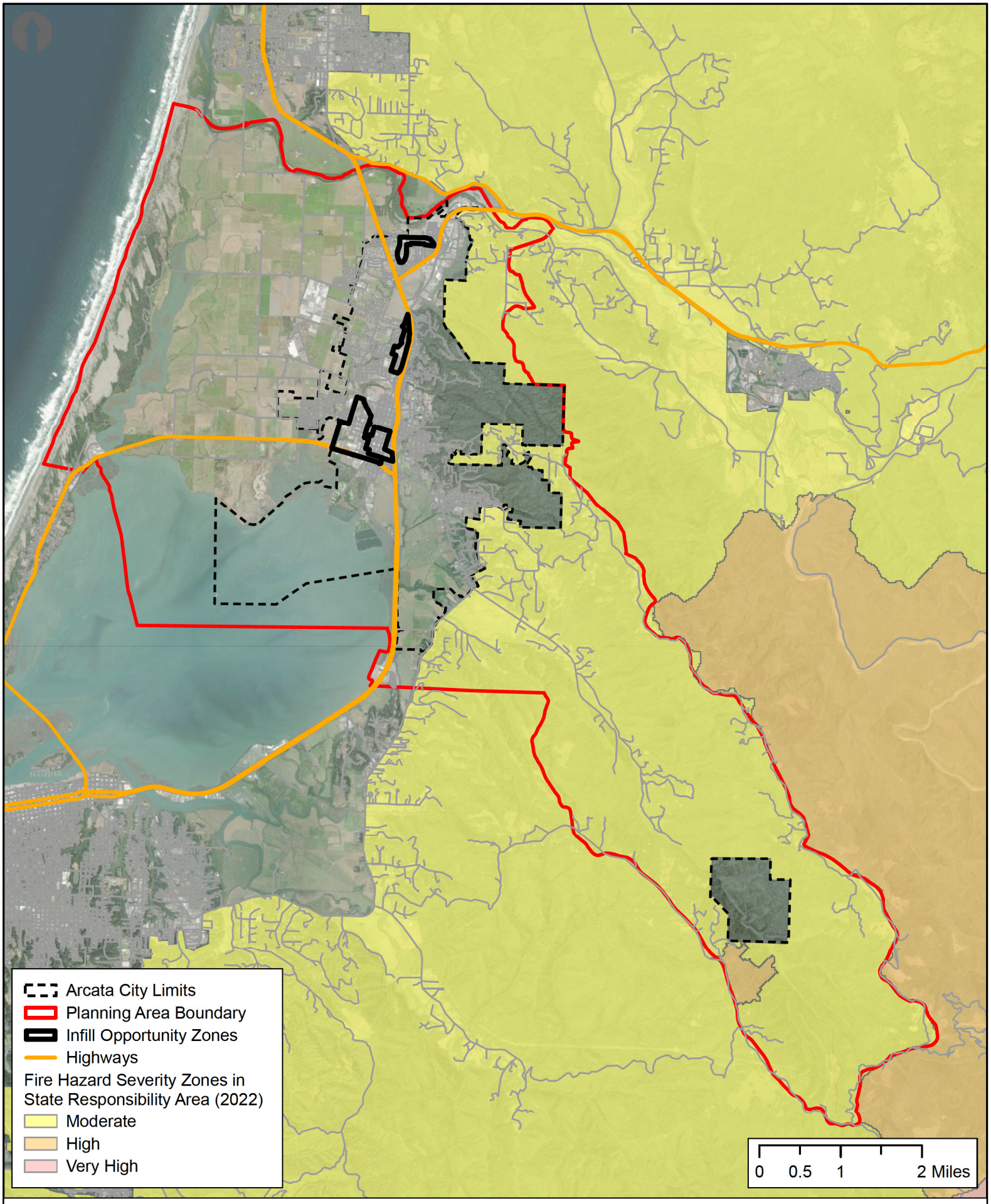

Figure 5.7-2: State Responsibility Area Fire Hazard Severity Zones Proposed November 21, 2022

Created by GHD
Map Date: 8/30/2023

Source: Esri, NASA, NGA, USGS, Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

6.0 Energy Conservation

6.1 Introduction

The City values environmental sustainability, meaning protecting natural resources and requiring efficient use of land, water, and energy. Energy, whether electric, natural gas, diesel, or otherwise, is used to power the lives of Arcatans. Through the General Plan 2045 update, the City plans to promote energy conservation as well as the development and use of alternative, non-polluting, and renewable energy sources for community power.

This Draft EIR analyzes the potential effects of the adoption and implementation of the General Plan 2045 on the environment under the applicable environmental resource categories listed in the CEQA Initial Study Checklist (Appendix G of the 2023 CEQA Guidelines). Draft EIR Chapter 6, Energy Conservation, addresses environmental resource area potentially impacted by the General Plan 2045 in the following section:

– 6.2 Energy

For the energy environmental resource area, Section 6.2 describes the existing environmental and regulatory setting, discusses the environmental impacts associated with the adoption and implementation of the General Plan 2045, identifies feasible mitigation measures to reduce or eliminate those impacts, and provides conclusions on significance.

6.2 Energy

This section evaluates the potential impacts to energy resources resulting from construction and operation of the Project against significance thresholds derived from applicable local, state or federal policies, or from Appendix G of the CEQA Guidelines. CEQA Guidelines Appendix F, Energy Conservation, predates the inclusion of Energy Resources as an impact category and section within EIRs. The information and analysis recommended by CEQA Guidelines Appendix F, Energy Conservation, is addressed throughout this EIR including (but not exclusive to): this Section; Section 2.0 (Project Description); Section 3.5 (Greenhouse Gas Emissions); and Section 4.2 (Transportation).

6.2.1 Study Area

For impact assessment related to energy resources, the City limits was used as the study area (see Figure 2-1 – City of Arcata Planning Areas).

6.2.2 Setting

Energy Resources

Energy resources in Humboldt County consist primarily of fossil fuels such as natural gas deposits, and local biomass resources sourced from lumber mill wood residue. Most of the primary energy used in Humboldt County is imported, with the exception of biomass energy. Although natural gas deposits exist in Humboldt County, the County imports approximately 90 percent of its natural gas. There is one natural gas pipeline connecting the County to the larger natural gas grid. Active gas wells in Humboldt County are concentrated in the Tompkins Hill Gas Field in the Eel River basin in Humboldt County. There is no record of geothermal production in Humboldt County. Most petroleum-based transportation fuels are imported to the County by barge.

There are two major connections to the larger electric grid. Electric transmission capacity of approximately 70 MW connects Humboldt County to the regional grid. This represents less than half of the County's 170 MW peak electrical demand. Humboldt County generates much of its own electricity, primarily using natural gas and biomass fuels. According to the Humboldt County General Plan 2025 Energy Element Background Technical Report (SERC 2005), the residential, commercial, industrial and agricultural sectors in Humboldt County consumed a total of 940 Gigawatt-hours (GWh) in 2003, and the total peak electrical demand was 158 Megawatts (MW). In 2021, the total electricity usage data for Humboldt County from the California Energy Commission's Energy Reports was 821 GWh, which is a reduction of approximately 119 GWh from the 2003 electrical usage. For natural gas, the total amount consumed for Humboldt County was estimated to be 32.1 million therms (CEC 2021). PG&E power poles and overhead electricity transmission lines are present throughout the vicinity of the Project area.

6.2.3 Regulatory Framework

Federal

There are no federal regulations that apply to the Project related to energy resources in Humboldt County. The federal government granted California authority under the Clean Air Act to implement its own vehicle emissions standards under a specified 'waiver of preemption', subject to review and approval by the EPA. The federal 2019 Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program Rule (SAFE-1) rescinded California's authority to implement its own greenhouse gas emissions (GHG) standards and zero emission vehicle sales mandate. Subsequently, the EPA reconsidered the action and restored California's authority to implement the GHG standards and zero emission vehicle sales mandate as part of California's Advanced Clean Car program.

State

Renewable Energy Portfolios

Renewable Portfolio Standard

California's Renewable Portfolio Standard (RPS) requires retail sellers of electric services to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020.

Senate Bill 350

The passage of Senate Bill 350 in 2015 updated the Renewable Portfolio Standard (RPS) to require the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources to increase to 50 percent by December 31, 2030. The bill made other revisions to the RPS program and to certain other requirements on public utilities and publicly owned electric utilities.

Senate Bill 100

RPS was further strengthened in 2018 by the passage of Senate Bill 100, which increases the RPS requirement to 60 percent by 2030, and requires renewable energy and zero-carbon resources supply 100 percent of electric retail sales to end-use customers by 2045, speeding up the state's timeline for moving to carbon-free power sources.

Senate Bill 1020 (100% Clean Electric Grid)

Senate Bill 1020 was passed in 2022 and contains the following goals for delivering eligible renewable energy resource and zero-carbon resources of electric energy to end users:

– 90% by 2035
– 95% by 2040
– 100% by 2045

Additionally, SB 1020 requires all state agencies procure 100 percent of electricity from renewable energy and zero-carbon resources by 2035.

State of California Energy Action Plan

In 2003, the three key energy agencies in California— the California Energy Commission (CEC), the California Power Authority, and the California Public Utilities Commission—jointly adopted an Energy Action Plan which sets goals for California's energy future and memorializes a commitment to achieve these goals through specific actions. In 2005, the California Public Utilities Commission and the CEC jointly prepared a subsequent draft of the Energy Action Plan (Energy Action Plan II) to identify further actions necessary to meet California's future energy needs. To the extent that efficiency, demand response, renewable resources, and distributed generation are unable to satisfy increasing energy and capacity needs, the Energy Action Plan II supports the use of clean and efficient fossil-fuel energy generation. The plan recognizes that concurrent improvements are required to the bulk electricity transmission grid and distribution facility infrastructure to support growing demand centers and the interconnection of new generation, both on the utility and customer side of the meter.

Senate Bill 1389

Senate Bill (SB) 1389, the California Integrated Energy Policy, was adopted in August 2002 and requires the CEC to prepare an Integrated Energy Policy Report (IEPR) for electricity, natural gas, and transportation fuels. The IEPR contains an analysis of the policies and actions that are necessary to ensure that the state has adequate energy resources—including a range of alternative energy resources—to meet its needs. The IEPR also includes recommendations to reduce energy demand and to improve the state's energy infrastructure. The State IEPR is updated annually, with the applicable version reflecting the year 2023.

On-road Vehicles

Assembly Bill 1007 (State Alternative Fuels Plan)

Assembly Bill 1007, (Pavley, Chapter 371, Statutes of 2005) required the CEC to prepare a state plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). The CEC prepared the State Alternative Fuels Plan in partnership with the California Air Resources Board (CARB) and in consultation with other state, federal, and local agencies. The final State Alternative Fuels Plan, published in December 2007, attempts to achieve an 80-percent reduction in greenhouse gas emissions associated with personal transportation, even as California's population increases.

Executive Order N-79-20

This executive order from Governor Newsom, signed on September 23, 2020, requires sales of all new passenger vehicles to be zero-emission by 2035 and additional measures to eliminate harmful emissions from the transportation sector. CARB will develop regulations to mandate that 100 percent of in-state sales of new passenger cars and trucks are zero-emission by 2035 – a target which would achieve more than a 35 percent reduction in greenhouse gas emissions and an 80 percent improvement in oxides of nitrogen emissions from cars statewide. In addition, CARB will develop regulations to mandate that all operations of medium- and heavy-duty vehicles shall be 100 percent zero emission by 2045 where feasible, with the mandate going into effect by 2035 for drayage trucks.

Additionally, Executive Order N-79-20 directs the CARB to develop emission reduction strategies for off-road vehicles (details provided below.)

Advanced Clean Cars

First adopted in 2012, the Advanced Clean Cars I was adopted by CARB to include low emission vehicle and zero emission vehicle regulations for on-road vehicle model years 2015-2025.

The Advanced Clean Cars II regulations were adopted by CARB in 2022 and include the next set of low emission vehicle and zero emission vehicle standards for model years 2026-2035. These standards are anticipated to assist in meeting the federal ambient air quality ozone standards and California's carbon neutrality targets. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions.

Offroad Vehicles

Off-Road Regulation

CARB adopted the In-Use Off-Road Diesel-fueled Fleets Regulation (Off-Road Regulation) in 2007, initially focused on emissions standards for new engines to reduce regional criteria air pollutant, ozone precursor, and diesel particulate matter emissions from off-road equipment. The regulation was further updated with amendments in 2009, 2010, and most recently in 2022. All self-propelled off-road diesel vehicles 25 horsepower (hp) or greater used in California and most two-engine vehicles. Among the requirements, the regulation imposes limits on idling and requires a written idling policy.

The Governor's Executive Order N-79-20 directs CARB to develop and propose strategies to achieve 100 percent zero-emission from off-road vehicles and equipment operations in the State by 2035 where feasible. In November 2022, CARB approved amendments to the Off-Road Regulation. The amendments will require fleets to phase-out use of the oldest and highest polluting off-road diesel vehicles in California; prohibit the addition of high-emitting vehicles to a fleet; and require the use of R99 or R100 renewable diesel in off-road diesel vehicles. The amendments phase-in starting in 2024 through the end of 2036. The amendments further reduce air pollutant emissions from engines, as well as reduce energy consumption by off road equipment.

Assembly Bill 3232 Building Decarbonization

Assembly Bill 3232, signed in 2018, requires the CEC to assess how to reduce greenhouse gas (GHG) emissions from the state's existing building stock by 40 percent below 1990 levels by 2030, in line with the state's

overall GHG emissions limit (SB 32 by Senator Pavley, 2016). The California Building Decarbonization Assessment was approved by the CEC and published in August 2021.

California Building Energy Efficiency Standards

California's Building Energy Efficiency Code, known as Title 24, is designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings. Title 24 regulates how each new home and business is built or altered in California. It includes requirements for the structural, plumbing, electrical, and mechanical systems of buildings, and for fire and life safety, energy conservation, green design, and accessibility in and about buildings. Two sections of Title 24 – Part 6, the California Energy Code, and Part 11, the California Green Building Standards Code or CALGreen Code – contain standards that address GHG emissions related to construction.

The CEC updates the Building Energy Efficiency Standards (Title 24, Parts 6 and 11) every three years by working with stakeholders in a public and transparent process. The version in effect at the time of this document is the 2022 Title 24. Buildings whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Building Energy Efficiency Standards.

Part 6 California Energy Code

The 2022 Energy Code goals include increasing building energy efficiency, contribute to California's GHG reduction goals, enable pathways for all-electric buildings, reduce new building impacts on the electricity grid, promote demand flexibility and self-utilization of solar energy generation, and provide tools for local government reach codes.

The Energy Code is divided into three basic sets: a mandatory requirement that applies to all buildings, a set of performance standards that vary by climate zone and building type, and a set of alternatives to performance standards. Mandatory requirements for residential buildings include measures to support future electrification of appliances (cooktops, space heating, clothes dryers, and water heaters) when gas equipment is installed, future solar electric installation, and future energy storage system-ready measures. Electrical infrastructure must be provided and reserved to the equipment location for the future installation of electrical appliances.

Part 11 CALGreen Code

CALGreen became a mandatory code beginning January 1, 2011. The code takes a holistic approach to green building by including minimum requirements in the areas of planning and design, energy efficiency, water efficiency and conservation, material conservation and resource efficiency, and environmental quality. The CALGreen code has minimum mandatory standards and two additional tiers of voluntary measures intended to achieve greater levels of efficiency that result in lower levels of GHG emissions. Local governments must enforce the minimum standards and can choose to adopt either Tier 1 or Tier 2 standards to achieve greater positive environmental impacts. CALGreen does not limit the authority of local agencies to make necessary changes based on local climate or topography considerations.

Mandatory requirements for new nonresidential construction include bicycle parking, electric vehicle (EV) charging stations, EV charging readiness requirements for warehouses, grocery stores, and retail stores with planned off-street loading spaces, water efficiency measures, and lighting efficiency measures.

Residential mandatory requirements include EV charging support infrastructure (with exceptions for Accessory Dwelling Units and Junior Accessory Dwelling Units without additional parking facilities).

Regional and Local

The study area is within the City. Therefore, this section includes City of Arcata General Plan and the City's Local Coastal Program policies for the portions of the Project within City limits and within the Coastal Zone.

RePower Humboldt- The Redwood Coast Energy Authority's Comprehensive Action Plan for Energy

The Redwood Coast Energy Authority (RCEA) is a Joint Powers Authority and Community Choice Aggregator recognized by Humboldt County as the regional energy authority and tasked with countywide strategic energy planning implementation, and education.

RCEA's 2019 Update to the Comprehensive Action Plan for Energy (also called "RePower Humboldt") is an action plan to develop and implement sustainable energy initiatives in the county. RCEA will address Humboldt County's supply-side energy needs through its existing Community Choice Energy program and development of new programs and initiatives. RePower Humboldt includes the following goals (RCEA 2019):

> By 2025 100% of RCEA's power mix will be from a combination of state-designated renewable energy sources—solar, wind, biomass, small hydroelectric, and geothermal—and state-designated net-zero-carbon-emission existing large hydroelectric facilities.
>
> By 2030 Humboldt County will be a net exporter of renewable electricity and RCEA's power mix will consist of 100% net-zero-carbon-emission renewable sources.

According to the RCEA's reported 2021 Power Content Label, 33 percent of energy delivered under their 'RePower' program in 2021 was from eligible renewable resources, and another 10.5 percent from large hydroelectric facilities. For the RCEA's 'RePower+' program, 100 percent of energy delivered in 2021 was generated by eligible renewable resources. The RCEA currently anticipates achieving their 2025 and 2030 energy goals (RCEA 2023).

Humboldt Regional Draft Climate Action Plan

Humboldt County is working on preparing a multi-jurisdictional Climate Action Plan with all jurisdictions within the County; however, the County does not have an adopted Climate Action Plan. An updated draft Regional Climate Action Plan was released for public review on April 7, 2022.

The baseline inventory for the region, including the City of Arcata, is 2015. As detailed within the Draft Regional Climate Action Plan, emissions sources loosely follow population within the County, with unincorporated Humboldt County generating approximately 61% of the regional GHG emission, followed by the Cities of Eureka (18%) and Arcata (12%) (Humboldt 2022). The Draft Regional Climate Action Plan states that a key outcome of the plan is:

> *… to reduce greenhouse gas emissions to 40% below 1990 levels* [by 2030] *consistent with statewide targets. Achieving this goal will improve the chances our region can meet the state's longer term goal to become carbon neutral by 2045.*

The Draft Regional Climate Action Plan includes energy efficiency and renewable energy goals and strategies, such as transitioning mobile sources from fossil fuels to renewable fuels; however, the Draft Regional Climate Action Plan is not yet adopted.

City of Arcata Community Greenhouse Gas Reduction Plan

In 2006, the City developed a Community Greenhouse Gas Reduction Plan. The plan focuses on six action areas: energy efficiency, renewable energy, sustainable transportation, waste and consumption reduction, carbon sequestration and other methods, and cross-cutting approaches. In addition to reducing greenhouse gas emissions, it is expected that the implementation of this plan would offer many other community benefits. These include energy cost savings with subsequent benefits to the local economy, cleaner air, less reliance on fossil fuels and imported energy sources, and a move toward a more sustainable energy economy. Implementation of this plan would also serve to fulfill numerous objectives that are stated in the Arcata General Plan: including Policy RC-8, Energy Resources Management (City of Arcata 2008).

The Community Greenhouse Gas Reduction Plan also includes applicable recommendations for sustainable transportation, including:

– Improve bicycle infrastructure,

– Improve pedestrian infrastructure (sidewalks, paths, and walkways), and
– Improve mass transit infrastructure.

However, the plan's emission reduction goals and planning were not extended to years beyond 2020.

City of Arcata General Plan 2020

The General Plan 2020 contains the following policies relating to energy in the Resource Conservation and Management Element.

Policy RC-8: Energy Resources Management

Objective. *Reduce the net emissions of greenhouse gases from Arcata; reduce other negative impacts of energy production and use, including risks from nuclear power, air emissions, fuel spills, and wildlife and habitat destruction; reduce energy costs to the city and its residents, and increase the percent of energy purchases from sources within our region; increase the city's and nation's energy security and reduce our vulnerability to changes in energy availability and price; increase public awareness of energy issues and encourage an energy conservation ethic; monitor the cost and effectiveness of Arcata's actions so we and others can learn from them; and implement Arcata's Advisory Proposition B.*

Applicable sub-policies:

- ***RC-8a: Encouragement of appropriate energy alternatives.*** *In making energy purchases, the City shall consider how suppliers meet the objectives of this policy. The City shall choose suppliers that provide good tradeoffs among these objectives, giving due consideration to investment in energy conservation as an alternative use of energy funds. In addition, the City shall attempt to purchase at least 10% of its electrical energy (in energy units, not cost) from renewable sources within Humboldt County by the year 2020.The City shall take measures to encourage the availability to, and use by, residents of energy suppliers that best meet the objectives of this policy. The City shall convert City vehicle fleets to a mix of fuels that best meets the objectives of this policy.*
- ***RC-8b: Encouragement of energy efficiency and conservation.*** *The City shall coordinate with energy suppliers and agencies to educate residents, property owners, and business operators about the need for and benefits of conserving energy. The City shall maintain and distribute current information about building insulation; energy efficient appliances, lighting, and heating; other conservation measures and materials; and home power alternatives. The City shall continuously seek and implement cost-effective steps to reduce City energy use. The City shall attempt to reduce the City's total consumption of purchased energy by at least 20% (in energy units, not cost) by the year 2010.The City shall adopt the goals of the national "Energy Star Program" (or its successor programs) for all City construction projects and all construction projects assisted by grants for which the City is an applicant. These goals include achieving a minimum of 15% greater energy efficiency than would a building designed with existing Title 24 standards. Explore and, if appropriate, adopt energy efficiency standards for existing residential and commercial buildings upon substantial remodel. Consider requiring energy efficiency inspections, disclosure, and retrofits at change of ownership based on cost-effective and commercially available energy efficiency measures.*
- ***RC-8c: Promotion of energy efficiency in transportation.*** *The City shall give strong consideration to energy conservation and the goals of this policy in all transportation and traffic management decisions. It is City policy to reduce the need for motor vehicle trips within the city and between the city and other destinations, and to reduce per-trip energy consumption; this policy applies to trips by residents, non-residents, and city staff. Such measures as bike and pedestrian paths, public transportation, parking and traffic management, and encouraging use of alternative-fueled vehicles shall be used to make these reductions.*

Advisory Proposition B – Approved by Arcata Voters April 8, 1980:

"In accordance with America's renewed determination to be energy self reliant, be it resolved that the citizens of Arcata and their City government are committed to the enactment of conscientious energy

conservation measures and the accelerated development and active promotion of safe and economical alternative renewable energy sources for our community.

Objective. *Be it further resolved that the City government of Arcata support complete independence from nuclear power including the permanent closure of the Humboldt Bay nuclear power plant and its replacement by safe, clean and efficient generating sources more compatible with the resources and health and safety of the Northcoast, such as conservation, solar power and generation from wood waste."*

Applicable sub-policies:

- ***RC-8c: Promotion of energy efficiency in transportation****. The City shall give strong consideration to energy conservation and the goals of this policy in all transportation and traffic management decisions. It is City policy to reduce the need for motor vehicle trips within the city and between the city and other destinations, and to reduce per-trip energy consumption; this policy applies to trips by residents, non-residents, and city staff. Such measures as bike and pedestrian paths, public transportation, parking and traffic management, and encouraging use of alternative-fueled vehicles shall be used to make these reductions.*

City of Arcata Local Coastal Program

There are no policies within the City of Arcata's Local Coastal Program that regulate energy resources.

Proposed City of Arcata General Plan 2045

Policies in the proposed General Plan 2045 relating to energy resources include:

Policy AQ-1: Point and Area Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from stationary point sources of air pollution (e.g., equipment at commercial and industrial facilities), and stationary area sources (e.g., wood-burning fireplaces and gas-powered lawn mowers), which cumulatively emit large quantities of emissions.*

- ***AQ-1a Reduce emissions from stationary point sources: commercial and industrial.*** *Coordinate with energy providers to develop incentive programs encouraging the use of less polluting, energy efficient designs and equipment in commercial and manufacturing uses. Encourage commercial and industrial uses to self-enforce emissions reductions by maintaining and repairing equipment, correcting leaks, installing control devices, and minimizing accidental releases. Coordinate with the District to establish buffer zones between point sources and the public, particularly sensitive receptors such as schools, hospitals, and convalescent facilities.*
- ***AQ-1b Reduce emissions from stationary area sources: residential, commercial, and industrial.*** *Prohibit installation of wood burning appliances, including replacement, remodel, addition, or new construction. New construction retrofits must comply with energy efficient construction codes to reduce energy consumption including high-efficiency windows, water heaters, and furnaces. Encourage electric heat pump appliances.*
- ***AQ-1c Coordination between the District and Arcata Fire Protection District****. The City will encourage Arcata Fire Protection District officials to coordinate with the District to develop procedures for identifying, monitoring, and informing the public of high pollutant incidents related to fires and accidental or intentional releases of toxic or unknown materials. Coordination should encompass current air quality levels, meteorological conditions (stagnant air), prevailing wind directions, location of nearby sensitive receptors, potentially affected land uses, and types of potential toxic materials. Coordination and required permits are particularly important during the planning and implementation of controlled burns.*
- ***AQ-1d Review of development projects for emissions reductions****. Evaluate new construction plans to reduce point and area sources of pollution. Consult with the District during the environmental review process to ensure that:*

1. *Air quality impacts of development projects are assessed using analytical methods and significance criteria for emission rates approved by the District.*
2. *Air quality mitigation is feasible, workable, monitorable, and cost effective.*
3. *Impacts of projects that may be individually insignificant, but cumulatively significant are minimized or mitigated.*
4. *Innovative measures are incorporated into the project design to reduce air quality impacts.*
5. *The City shall require air filtrations systems at new sensitive receptor buildings to be designed and constructed with air filters rated at a minimum efficiency reporting value (MERV) 13 or higher.*

Encourage the District to enforce these measures and their related policies.

Policy AQ-2: Mobile Sources of Air Pollutants

Objective. *Improve air quality by reducing emissions from transportation sources, particularly motor vehicles, and other mobile sources. Reduce vehicle miles of travel and encourage shifts to alternative modes of travel.*

- ***AQ-2a Implement land use measures to reduce vehicle trips, miles traveled, and air pollutant emissions.*** *Implement or encourage the land use and development measures which reduce motor vehicle travel as outlined in the Transportation Element. These measures are also effective in reducing mobile sources of air pollutants.*

- ***AQ-2b Implement transportation measures to reduce vehicle trips, miles traveled, and air pollutant emissions.*** *Implement or encourage the following measures to reduce vehicle miles traveled and provide alternatives to the single occupant motor vehicle, as outlined in the Transportation Element.*

  1. *Provide as direct and safe a travel route as possible for all travel modes.*
  2. *Implement and support public education programs explaining the negative impacts of single occupant vehicle use and encourage the development of employer-based measures to reduce employee automobile travel.*
  3. *Require A&MRTS and encourage other fleet operators to convert vehicles to run on less polluting alternative fuels at the earliest feasible time (See Policy RC-8a).*

- ***AQ-2c Reduce or minimize the creation of "hot spots" or localized places of concentrated automobile emissions.*** *Implement or encourage the following measures to reduce hot spots, which occur where groups of vehicles are required to idle (e.g., at congested intersections, driveways and drive-through facilities).*

  1. *Minimize the delay and congestion at unsignalized and signalized intersections to reduce emissions from idling vehicles. Attempt to achieve this through reducing automobile travel, minor capacity improvements, or fine-tuning of intersection operations. Discourage major capacity improvements at intersections, minimize new signalized intersections, or any other improvement which discourages walking, bicycling, or transit use.*
  2. *Minimize or restrict land uses with drive-through facilities located in areas of concentrated traffic or near congested intersections.*
  3. *Construction of projects with large parking lots or high volume driveways shall identify traffic impacts and provide evidence that project design will optimize internal circulation and minimize delay. Ensure that mitigation measures balance the needs of automobiles, pedestrians, bicyclists, and transit riders.*

- ***AQ-2d Design Arcata's highest traveled arterials to minimize stopping.*** *Recognize that automobiles are most efficient and less polluting at constant, moderate speeds between 25 and 35 miles per hour. Minimize idling delay, excessive congestion, and excessive speeds with the following measures:*

  1. *Encourage Caltrans to coordinate traffic signals on Samoa Boulevard to maximize progression.*

2. *Eliminate traffic bottlenecks with traffic flow improvements (such as re-allocating turning lanes, or converting all-way stop control to roundabouts or two-way stop control), without impacting the safety of pedestrians, bicyclists, or transit facilities.*
3. *Review access plans for commercial driveways to ensure designs minimize idling vehicles and concentrations of traffic. For larger projects require multiple driveways rather than single driveways and consider turn restrictions where delays to existing driveways could be significant.*
4. *Encourage and support law enforcement's efforts to expeditiously manage traffic incidents.*

- ***AQ-2e Recognize that poor air quality is caused by the combination of high pollutant emissions and meteorological conditions that do not allow for dispersal of pollutants.*** *The City shall coordinate a joint effort with the District to minimize the impact of high pollutant incidents and notify the public about meteorological conditions that contribute to poor air quality. The joint effort shall include employing the following measures:*

  1. *Implement added air pollution control measures during predictable meteorological events of stagnant air. Inform the public of high pollutant incidents and encourage measures which minimize impacts, such as limiting use of wood-burning fireplaces, gas powered equipment, and avoiding non-essential vehicle travel.*
  2. *Promote and encourage employer-based and project-based Transportation Demand Measures (such as subsidized bus fare, flexible work hours, indoor bike storage, and incentives to carpool) to reduce automobile travel, particularly during periods of poor air quality.*
  3. *Support and encourage local industrial and commercial efforts to reduce emissions and particulate pollution from industrial plants and trucks, particularly during periods of poor air quality.*
  4. *Require traffic and construction site dust control measures at construction projects. Require measures which reduce emissions from construction activity and maximize efficiency of traffic flow during inversion conditions.*

- ***AQ-2f Enforce air quality control measures and monitoring at construction sites.*** *Construction emissions shall be controlled because, although they are temporary in nature, they can often be the greatest air quality impact of a project. Require the dust and erosion control measures for construction activities.*

- ***AQ-2g Enforce air quality control measures and monitoring for agricultural operations.*** *Air emissions from agricultural operations, including field burning, airborne soils, and over-spray from herbicide applications, shall be controlled and monitored through air quality standards, as well as adherence to the Land Use Code.*

Policy AQ-2: Mobile Sources of Air Pollutants

Objective. *Participate in regional efforts to improve and monitor air quality and meet air quality goals, coordinate transportation and land use development planning with the North Coast Unified Air Quality Management District, and educate the public.*

- ***AQ-3a Air quality standards and monitoring.*** *Identify potential emission sources of airborne toxins from mobile and stationary sources. This may be in coordination with the California Air Resource Board and the District, as appropriate. Enforce rigid high standards to restrict fumes, smoke, dust, or other environmental pollutants from stationary sources of pollution.*

- ***AQ-3b Develop and distribute material to educate the public on air quality issues.*** *Work with Humboldt State University, the California Air Resources Board, and the District to develop educational material regarding air quality, impact of air quality on people, plants and animals, and what citizens can do to improve air quality. The City will make this information available.*

- ***AQ-3c Cooperation in enforcement activities and programs.*** *Cooperate with the District in implementing and enforcing the district's rules and programs. Consider joint implementation of programs between the City and the district such as:*

1. *A voluntary wood-burning-devices dryness certification program.*
2. *Free cordwood moisture checks.*
3. *Brochures on wood burning.*
4. *Conversion of conventional wood burning devices to EPA certified devices.*
5. *Use of district non-compliance funds for low-cost replacements.*

Develop land use ordinances and guidelines for new residential development to limit wood burning devices. Use District strategies to identify improper wood burning device use, improperly dried fuel, and faulty equipment, and provide education to violators or take enforcement action.

- ***AQ-3d Indoor air pollution.*** *Factors such as sealed building interiors, inadequate ventilation, non-openable windows, and use of building materials that release toxic substances contribute to indoor air pollution. To maximize indoor air quality, the installation of openable windows and adequate ventilation systems, the use of pollution-reducing houseplants, as well as the selection of non-toxic building materials and interior finishes, is encouraged in all new buildings and in the retrofitting of existing buildings.*
- ***AQ-3e Greenhouse gas reduction.*** *Many of the chemicals of concern for air quality are also greenhouse gases. The City shall work locally and regionally to develop plans and programs to reduce or reverse greenhouse gas emissions to meet State and Federal greenhouse gas reduction goals.*

Policy AQ-4: Odor

Objective. *Minimize public exposure to noxious odors from industrial, manufacturing, processing, and food and beverage production operations.*

- ***AQ-4a Odor controls.*** *Identify potential sources of noxious odors and regulate those sources to avoid adverse effects on adjacent sensitive receptors. Noxious odors are defined as foul smelling airborne emissions that are sufficiently concentrated to cause physical discomfort to those inhabiting adjacent areas. Regulations imposed to reduce effects of these odors shall include limiting hours for odor emissions, periodic monitoring, and filtering to reduce concentrations.*

Policy D-1: Overall Community Design

Objective. *Maintain community diversity and quality in the built environment; with structures and other physical features harmonious with their neighborhood context; and with a physical and visual transition between urban area and the surrounding open space lands.*

- ***D-1a: Building Characteristics.*** *Building design shall consider established City characteristics and planned features and shall offset the neighborhood impact of increased heights and new uses in some areas of the community. This shall be accomplished by:*

  1. *Breaking the massing of larger developments through setbacks rather than constructing a single large, monolithic building.*
  2. *Avoiding large, unbroken expanses of wall and roof planes.*
  3. *Providing articulation in building mass, surfaces, rooflines, wall planes, and facades, and including distinctive architectural features and ornamentation.*
  4. *Parking Lot Locations. Disallow the placement of parking lots along street frontages in the interest of maintaining continuous building frontages along the primary commercial streets and improving walkability. Parking lots and structures must be located behind buildings, or otherwise located subordinate and obscured by design features.*
  5. *Custom Standards Along Designated Streets. Plan for custom use, development, and design standards along designated streets with the objective of generating a more welcoming and vibrant city.*
  6. *Main Building Entrances. Require main building entries to be visually prominent and oriented to a public street or pathway.*

7. *Pedestrian Connections. Required pedestrian walk paths to connect entrances directly to a public sidewalk.*
8. *Pedestrian-Friendly Design. Require parking location and design to not detract from pedestrian-friendly streetscapes, walkable neighborhoods, and active and inviting mixed-use districts. Locate parking facilities away from building frontages in the rear of the lot unless determined infeasible in unique circumstances.*
9. *Minimize Visual Dominance. Screen parking facilities for limited visibility from the street frontage with landscaping, art, or other visually appealing methods.*
10. *Varied and interesting Facades. Create street-facing building facades that are varied and interesting with human-scale design details.*
11. *Articulation. Incorporate architectural elements that reduce the box-like appearance and perceived mass of buildings.*
12. *360-Degree Design. Provide for buildings designed as a unified whole with architectural integrity on all sides of the structure.*
13. *Quality Materials. Ensure quality materials that maintain their appearance over time.*
14. *Design Details. Promote design details and materials compatible with the existing neighborhood design.*

- ***D-1k: Pedestrian Priority and Accessibility in Streetscape Design.*** *Ensure that streetscape design and improvements prioritize pedestrian circulation that promote walkability and support a car-free lifestyle and accessibility for all ambulatory modes and abilities. Require new development to consider the needs of a diverse range of abilities; for example, position obstructions to path-of-travel to the curb line or other less obtrusive locations wherever feasible.*

Policy D-8: Community Benefits Program

Objective. *Ensure new development benefits the community generally while streamlining approval and accountability in the development planning process.*

- ***D-8j: Incentivize Active and Alternative Transportation as a Community Amenity.*** *Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide on-site active and alternative transportation amenities, such as car share/bike share, free electric vehicle charging stations, employee showers, on-site covered and secure indoor bike parking, bus passes for residents and/or employees, dedication of parcel frontage to transportation uses, charging stations for e-bikes, shared parking, and related amenities that stimulate non-motorized and zero-carbon transportation options above and beyond current requirements of state law.*
- ***D-8k: Sustainable and Green Buildings as a Community Amenity.*** *Through the community benefit program, allow increased development intensity and simplified development processes for projects that provide designated levels of sustainable and green building features.*

Policy PF-1: Water Supply and Delivery

Objective. *Manage the City's potable water resources to ensure adequate quantities for community use, to promote water conservation, to maintain water quality, and not to deplete source supplies.*

Applicable sub-policies:

- ***PF-1c: Water conservation.*** *The City shall use a combination of economic incentives, educational programs, and auditing to promote water conservation and shall remain in compliance with Humboldt Bay Municipal Water District policy regarding its Five-Stage Water Rationing System. Continue to encourage the use of infrastructure and practices that promote efficient water and energy use such as rain barrels, green roofs, and retention structures. Encourage reduced water demand by requiring water-conserving design and equipment in new construction and encouraging the retrofitting of existing development with water-conserving devices, along with water capture and conservation practices.*

Water rates will continue to be higher for consumption above baseline usage. Information about conservation devices such as flow restrictors, and practices such as off-peak irrigation, will be made available to the public. Building and site development permits that require connections to the City's water system shall incorporate water conservation design features and best management practices.

The City shall also implement water conservation measures through the water, wastewater, and drainage master plans, and through leak detection and inflow and infiltration (I/I) reduction programs.

In response to water shortages, the City will work cooperatively with the regional water supplier and the supplier's other municipal customers to implement an effective water shortage contingency plan that defines response actions based on the severity of the water shortage. End use prohibitions shall be determined based on current conditions, recommendations of a regional task force, and historic water use data and trends, and will be considered for mandatory penalties, charges and other escalating enforcement actions including education and outreach, issuing a verbal/written warning, penalty assessment, and water service termination. The City may consider imposing sharply graduated excessive use rates and/or excessive use fines, additional forms of water rationing, warnings, and physical flow restrictions to water users who fail to respond to less severe sanctions.

- ***PF-5f: Energy conservation and decarbonization of City facilities.*** *Continue reducing City facility energy consumption, including conservation and weatherization measures exceeding building code standards, electric only appliances/ HVAC/ water heating systems and renewable energy sources. Consider Greenhouse Gas Reduction measures in all new facility, renovations, site design and connectivity decisions. Develop and implement City practices to increase electrification equity and affordability for all residents.*

Policy PF-6: Integrated Waste Management

Objective. *Reduce solid waste generation at the source; maximize re-use and repair of appropriate items and material; promote composting and recycling; and properly transport non-recyclable solid waste to approved disposal sites. ensure new development is adequately cited and designed, including adequate physical space, for solid waste bins.*

Applicable sub-policies:

- ***PF-6a: Source reduction.*** *Source reduction and materials re-use are the most cost-effective ways to minimize solid waste. Source reduction, or waste prevention, reduces the growing costs of collection, recycling, and disposal systems. Source reduction and re-use shall be promoted through educational programs and incentives. Examples of effective source reduction and re-use activities that shall be promoted are:*

  1. *Backyard composting, landscaping with low water needs, and grass mulching.*
  2. *Purchasing durable re-usable goods instead of disposable items (e.g., cloth diapers, rechargeable batteries).*
  3. *Repairing equipment and appliances.*
  4. *Purchasing goods from second-hand stores, flea-markets and swap meets.*
  5. *Reducing the use of packaging by buying in bulk or purchasing fresh food at farmers markets.*
  6. *Moving away from using paper copies for as much City business as possible by working with electronic mail, forms, and re-using of scrap paper if possible, if copying is necessary.*
  7. *Reusable coffee cups and beverages provided in dispensers.*
  8. *Termination of unwanted mail.*
  9. *Incentives such as on-call garbage collection and differential solid waste fees shall be used to encourage source reduction.*

- ***PF-6b: Recycling.*** *The City's recycling program shall continue and expand, unless a more efficient and cost-effective method of collecting and reusing materials is identified. The City shall continue to*

contract for recycling, collection, and processing, in order to help meet and exceed the State diversion goal. The following programs shall also be promoted:

1. *Collection of commercial corrugated cardboard.*
2. *Collection of office paper.*
3. *Collection of organic waste.*
4. *City procurement policies and practices reflecting State requirements for purchasing recycled content paper products.*
5. *Implementation of density bonuses for buildings designed to promote recycling.*
6. *The City's active involvement in the Humboldt County Recycling Market Development Zone.*
7. *Public education to "close the loop" and buy locally-made products with recycled content.*
8. *Public education on recycling that includes self-haul services for recyclable materials not collected curbside.*
9. *Support for development and expansion of recycling-based manufacturing.*

In order to minimize increases in solid waste volumes and maximize the amount of material returned to productive use, the City shall continue these programs with a target of reducing landfill volumes as specified in the Zero Waste Action Plan.

- ***PF-6h: Plan Utility Infrastructure to Accommodate Envisioned Growth.*** *In planning for improvements to the overall utility infrastructure, including wastewater and electrical demand, design the systems to accommodate the planned amount of growth outlined in other policies and consider the impacts of locating new infrastructure on potential future habitat restoration sites. Plan for future infrastructure needs due to conversion of uses (e.g., electrification). Infrastructure will be developed over time as needed, and the City's Capital Improvements Program (CIP) will reflect near term infrastructure needs through the annual update process.*

Policy RC-8: Energy Resources Management

Objective. *Reduce energy use through conservation and efficiency practices, reduce energy costs to the city and its residents, and increase the percent of energy purchases from renewable sources; increase energy security and reduce our vulnerability to outages and increased price; increase public awareness of energy issues and encourage an energy conservation ethic.*

The City will actively participate in Redwood Coast Energy Authority's primary guiding document the Humboldt County Comprehensive Action Plan for Energy (CAPE) and RePower Humboldt, a community-wide effort to define a vision and Strategic Plan for achieving energy independence and energy security in Humboldt County

Applicable sub-policies:

- ***RC-8a: Encouragement of appropriate energy alternatives.*** *The City will participate in Redwood Coast Energy Authority's Community Choice Energy (CCE) program, supporting renewable energy purchases over non-renewable sources.*
- ***RC-8b: Encouragement of energy efficiency and conservation.*** *The City shall disseminate Redwood Coast Energy Authority information to educate residents, property owners, and business operators about the need for and benefits of conserving energy. This includes information about building insulation; energy efficient appliances, lighting, and heating; other conservation measures and materials; and home power alternatives.*

  The City shall continuously seek and implement cost-effective steps to reduce City energy use. The City shall adopt national "Energy Star Program" goals (or its successor programs) for all City construction projects and all construction projects assisted by grants for which the City is an applicant. These goals include achieving a minimum of 15% greater energy efficiency than would a building designed with existing Title 24 standards.

Explore and, if appropriate, adopt energy efficiency standards for existing residential and commercial buildings upon substantial remodel. Consider requiring energy efficiency inspections, disclosure, and retrofits at change of ownership based on cost-effective and commercially available energy efficiency measures.

- ***RC-8c: Promotion of energy efficiency in transportation.*** *Reduce motor vehicle trips within the city and between the city and other destinations, and reduce per-trip energy consumption; this policy applies to trips by residents, non-residents, and city staff. Such measures as bike and pedestrian paths, public transportation, shared parking, and alternative-fueled vehicles shall be used to make these reductions.*
- ***RC-8e: City Electrification Ordinance.*** *Prepare and pass an 'all electric' Ordinance that phases out natural gas infrastructure and use.*

Policy PS-8: Climate Adaptation and Resiliency

Objective. *The City will continue to support and monitor research about the nature of all hazards in Arcata, including research on prediction and warning systems, community vulnerability and consequences assessments, and improvements to building performance and resilience. The City will continue to pursue efforts that minimize Arcata's contribution to climate change by reducing greenhouse gas emissions and protecting people, the built environment, and the natural environment from the impacts of climate change.*

Applicable sub-policies:

- ***PS-8b: Greenhouse Gas Reduction.*** *City actions shall reduce local contributions towards climate change by mitigating greenhouse gases and increasing carbon sequestration. The City shall update relevant plans and policies periodically to meet State and local climate goals.*
    1. *Encourage reduction in greenhouse gas emissions, by providing alternatives to use of gas-powered vehicles. Such alternatives include public transit, alternatively fueled vehicles, bicycle and pedestrian routes, and bicycle- and pedestrian-friendly development design.*
    2. *Encourage and facilitate investments in renewable energy and green technology.*

Prioritize nature-based solutions that restore ecosystem function and maximize ecological benefits to plants, animals, and people.

Policy D-1: Overall Community Design

Objective. *Maintain community diversity and quality in the built environment; with structures and other physical features harmonious with their neighborhood context; and with a physical and visual transition between urban area and the surrounding open space lands.*

Applicable sub-policies:

- ***D-1e: Promote energy efficiency and solar access.*** *Site and building design shall emphasize energy efficiency, solar orientation and consider shading of adjacent structures, balancing development needs with solar access.*
- ***D-1g: Provide for bicycles, pedestrians, and transit in design.*** *Design shall incorporate provisions for bicycle and pedestrian circulation, and transit. Facilities should be located and designed so that these alternative travel modes are fully interconnected.*

Policy LU-1: Overall Development Pattern

Objective. *Establish a pattern of development that concentrates activity and amenities in a pattern of centers, clusters and mixes of uses to support the City's focus on infill development and active transportation. Provide an overall land use arrangement that concentrates city-wide uses and functions in these areas with an emphasis on areas within walking distance of the central Plaza Area, Cal Poly*

Humboldt, and existing neighborhood and employment centers which provide a mix of commercial services, residential uses, and community facilities.

Applicable sub-policies:

- ***LU-1d: Reduce Parking Maximums in the most walkable areas of the city.*** *Reduce maximum allowable parking requirements within Infill Opportunity Zones to promote walkable communities. Minimize vehicle parking requirements and maximize walk, bike, and transit infrastructure.*
- ***LU-1aa: Incentivize Mixed Use as a Community Amenity.*** *Incentivize mixed-use projects that have a ground-floor non-residential (retail, office, light industrial, or other job-creation component) through the community benefit program where not otherwise required by the form-based code.*

Policy CM-1: Balanced Transportation System with Choice of Modes

Objective. *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as private automobile modes. Reduce the percentage of trips that are made by automobile and provide the opportunity and facilities to divert trips from automobiles to other modes. In planning for improvements to the overall circulation system, design the system to accommodate the planned amount of growth outlined in other policies. Ensure the circulation system supports a functioning, safe, sustainable multi-modal network. Support increased demands for all efficient forms of mobility emphasizing alternative modes pedestrians, bicycles, and other non-motorized or shared transit options, then vehicles, and trucks, in an effort to induce demand of multimodal transit alternatives and implement transportation demand management strategies, in keeping with citywide Circulation Element policies.*

Applicable sub-policies:

- ***CM-1a: Complete Streets.*** *The City shall direct the design, construction, reconstruction, repair and maintenance efforts on the City's streets, bridges, pathways, and sidewalks, creating a comprehensive, integrated transportation network that is safe, accessible, comfortable, accommodating, and welcoming to users of all ages, races, ethnicities, incomes, and physical abilities, and all modes of transportation, particularly those walking, rolling, biking, and using transit, and in doing so the City shall apply a Complete Streets framework in all applicable and feasible transportation projects to allow the safe, comfortable, convenient and accessible use of streets for all street users.*
- ***CM-1b: Investment in alternative modes.*** *In order to provide a realistic and cost-effective balance between travel modes, the City shall emphasize investment in alternative modes (bikeways, etc.) as a priority over increasing vehicular capacities of streets. Throughout the City, design sidewalks and street crossings for maximum accessibility. Accessibility features may include but are not limited to widening sidewalks, requiring high-visibility/striped crosswalks, installing bulb-outs, pedestrian activated crossing signals, and aligning ramps with path-of-travel. Where the urban grid pattern is interrupted or incomplete, evaluate opportunities to continue the circulation block patterns with new connections that consist of entirely non-vehicular active transportation facilities.*
- ***CM-1c: Interconnections and transfers between travel modes.*** *The City shall provide and maintain a Transit Center to facilitate interconnection and transfers between bus routes and systems. As funding permits, Transit Center facilities shall be improved to encourage its use as a multi-modal transfer point. Pedestrian and bicycle amenities shall be provided at other locations which serve as modal transfer points such as bus stops and park-and-ride lots.*
- ***CM-1d: Intercity travel.*** *The City shall coordinate with Humboldt County and Caltrans to provide adequate facilities for vehicles, buses, and bicycles to serve intercity demand. Joint efforts may include transportation improvements outside of Arcata which serve intercity travel, such as bicycle links, timed-transfer bus stops, park-and-ride lots, and regional transit service and development of park-and-ride lots in Arcata to reduce intercity vehicular travel.*
- ***CM-1i: Balanced Transportation System.*** *Create and maintain a balanced transportation system with choice of bus transit, bicycle, and pedestrian as well as car sharing and private automobile modes.*

Reduce the percentage of trips that are made by automobile and provide the opportunity, incentives, and facilities to divert trips from automobiles to other modes. Provide negative incentives, such as parking meters, permit parking, time limited parking, carpool incentives, and other targeted parking measures that encourage alternative modes utilizing "induced demand" strategies.

- ***CM-1J: Mobility Infrastructure that Supports Car-free Lifestyle.*** *Plan and implement the mobility and circulation infrastructure to support a car-free lifestyle, increase pedestrian safety, reduce greenhouse gas emissions, and minimize vehicle miles traveled.*

Policy CM-2: Travel Demand Management

- ***CM-2a: Land use development patterns.*** *The City encourages and supports travel demand management efforts. The City shall promote land use and development patterns that encourage walking, bicycling and transit use. In recognition of the link between land use and transportation, the land use plan shall discourage low density, homogenous land-use patterns that foster automobile travel and are impractical to serve with transit. Land use planning shall emphasize high density and mixed land- use patterns which translate into higher transit and pedestrian travel in the downtown and neighborhood commercial areas. Infill, redevelopment, and reuse of underutilized property at higher densities shall be encouraged prior to outward expansion of City boundaries. The following land use measures are emphasized:*

  1. *Mixed-use neighborhood centers within transit corridors which include housing and commercial services near employment.*
  2. *Land use patterns which maximize linking trip opportunities by assembling uses, thus allowing people to take care of a variety of daily needs with a single trip.*
  3. *Clustering of higher density housing and incorporation of residential units on upper floors of commercial buildings.*
  4. *Integration of new housing into neighborhood shopping centers, including Sunny Brae, Westwood, and Valley West.*
  5. *Pedestrian-oriented land use and urban design, including the following elements:*
     a. *Pedestrian-scale block patterns.*
     b. *Incorporate pedestrian and bicycle amenities into public and private projects.*
     c. *Design streets for multi-modal use.*
     d. *Integrate transit stop facilities into public and private projects.*
     e. *Orient buildings and houses to the street.*
     f. *Provide attractively landscaped streets and buffers.*
     g. *Preserve existing and historic urban fabric.*
     h. *Eliminate blank wall facades.*
     i. *Incorporate bicycle routes and enhancements in public and private projects.*
  6. *A fixed urban services boundary to reduce sprawl and infrastructure costs.*
  7. *Focused growth along existing or planned transit corridors rather than extension of transit to serve new isolated development.*
  8. *Prevention of large areas of single uses. Isolated single-use developments at the edge of the City could encourage automobile travel for commuting and errands.*
  9. *Provision of convenience retail and services in ground floor space in the downtown to accommodate the needs of employees and reduce the need for mid-day automobile trips.*
  10. *Adopt and maintain zoning regulations that allow for a mix of land uses in order to reduce vehicle trips and the overall need for automobile use.*

- ***CM-2b: Consider Non-motorized Campus Layouts.*** *For areas that have incomplete block patterns and/or are currently lacking in vehicular roadways, consider providing limited to no new facilities for motorized vehicles. Instead, consider creating a campus layout with vehicular access on the perimeter and robust non-motorized facilities throughout the interior. Plan for the infrastructure that would be*

required for these areas to serve as key park and ride/transit hubs. Where new vehicular roadways are constructed within currently roadless areas, provide for a wide right-of-way whose cross section includes ample on-street parking, narrow vehicle lanes, bike lanes, sidewalks in excess of six feet, street trees, and enhanced pedestrian crossings at least every 300 feet.

Policy CM-3: Bus Transit Policy

Objective. *Maintain a bus transit system which connects and serves major commercial and employment areas within Arcata, Cal Poly Humboldt, public schools, and higher density residential areas. Increase average citywide transit mode share of daily person trips to 12% from the 2020 level of 3% by 2040.*

Applicable sub policies:

- ***CM-3b: Regional transit service.*** *Short- and long-range transit plans shall be coordinated with the regional transit service provided by the Redwood Transit System. The City supports regional transit plans which improve service and timed transfers, and reduce headways for intercity travel. In the interest of enhanced coordination and efficiency for local and regional service, the City shall continually evaluate alternatives to existing services including potential mergers with the Humboldt Transit Authority or other service providers.*
- ***CM-3c: Bus route system.*** *Public transportation is both a civil right and a critical climate solution, and should be designed to provide service competitive with automobile travel in terms of access, convenience and comfort. Potential improvements to the transit system should be assessed according to the best available evidence of both need and existing and induced demand. In order to increase safety and access to basic needs, work with relevant transit agencies, major employers, key user groups, and area schools to plan for enhanced public transit and school bus lines and new stops to both accommodate the new growth and serve existing community needs.*
- ***CM-3d: Transfers between routes and systems.*** *The public transit system shall provide convenient transfers between routes, other transit services, and other modes of travel such as bike share locations with racks for one-way trip use. The Arcata Transit Center shall serve as the primary multi-modal transfer station. Bus stops should be located near municipal parking lots or future park-and-ride lots. The A&MRTS and Redwood Transit System schedules shall be coordinated to provide a timed-transfer system at key stops.*
- ***CM-3e: Bus stops.*** *Existing bus stops should be improved and new bus stops on future routes should be designed with appropriate amenities and features. Design elements include either bus stop lanes or bus turnouts. Bus stop design amenities which increase rider comfort and feeling of safety and encourage walking and bicycling are emphasized, including shelters, benches, lighting, shade trees, signs, information kiosks, waste receptacles, paved surfaces, facilities for disabled and alter-abled riders, and secure bicycle parking. Prioritize covered seating at all bus stop locations wherever feasible. Bus stop areas should be consistently maintained and cleaned, including vandalism repair and graffiti removal. Developers shall be required to provide bus stops and amenities on their frontage if the property is located on an existing or future bus route and is an appropriate location for a stop. Pedestrian, bicycle, and handicapped rider access should be provided to neighborhood bus stops.*
- ***CM-3g: Transit implications of new development.*** *The engineering department and A&MRTS shall evaluate proposed new development projects and make recommendations prior to project approval regarding transit improvements and road designs.*

Policy CM-4: Circulation Maps and Context Sensitive Street Design Policy

Objectives. *Plan the circulation network consistent with Figure T-k and Figure T-i to create Complete Streets solutions that are appropriate to individual contexts; that best serve the needs of all people using streets and that support the land-use, climate, safety, and environmental quality targets and policies of the City and which: 1) efficiently utilizes existing facilities and reduces need for investment in new or expanded street and highway facilities or capacities; 2) improves connectivity of streets to provide for direct routes between origins and destinations; 3) has a high quality of regular maintenance and repair; and 4) maintains*

a level of service which minimizes delays, but allows for higher levels of congestion during the short peak periods on weekdays.

Policy CM-5: Bicycle and Pedestrian Facilities

Objective. *Create a complete, interconnected bikeway system and pedestrian network. Increase the percentages of person trips via walking and bicycling, which serves the full range of mobility needs.*

Proposed City of Arcata General Plan 2045 Gateway Area Plan

Policy Chapter 1: Land Use

Objective. *Establish an overall land use arrangement that promotes mixed-use, multi-story buildings with a clear emphasis on high-density housing that is equitable, environmentally sustainable, and compatible with the envisioned neighborhood character. Allow for a broad diversity of non-residential uses that support a pedestrian/bicycle-friendly environment, contribute to a car-free lifestyle, and meet the physical, social, and economic needs of residents.*

Applicable sub-policies:

- ***GA-1a: Land Use Targets.*** *Aim to achieve a mix of residential and non-residential uses in each land use subarea that supports the full range of services to Gateway Area residents, workforce, and visitors. Estimated long-term targets to balance uses are shown in Table 5.*

Policy Chapter 6: Open Space and Conservation

- ***GA-6e: Bike/ped Connections.*** *Establish new off-street bike/ped connections to connect open spaces and activity centers in the Gateway area. Enhance connections between the Plan Area and parks and open space destinations near to the Plan Area, such as Arcata Plaza, Shay Park, and Arcata Marsh.*

Policy Chapter 7: Mobility

Objective. *Prepare for a substantially realigned transportation network within the Gateway Area that significantly enhances bicycle and pedestrian facilities while also creating a more efficient vehicular circulation pattern with better north-south and east-west connections for all modes of travel. Seamlessly link the Gateway Area to key destinations throughout the City via non-motorized facilities to support opportunities for a car-free lifestyle.*

Applicable sub-policies:

- ***GA-7a: Design Mobility System per Plan Figures.*** *Design and construct the mobility and circulation system of the Plan Area per Figure 8 and Figure 9 and the Cross Section and Intersection Design Concepts above, as well as in accordance with the Open Space, Streetscape, and Site Development sections of this Area Plan. In the engineering design stage of implementing the above cited Figures/Concepts, allow for deviations and alterations such as:*

    1. *Throughout the entire Plan Area, sidewalk widths may increase beyond six feet, especially on the north sides of east-west streets where expanded sidewalks on the sunny side of the street would allow welcomed outdoor seating, and at well-traveled pedestrian boulevards to ensure a clear path of travel. Adjusting sidewalk widths will necessitate adjustments to the dimensions of other features, such as drive lanes, parking lanes, bike lanes, outdoor seating, street furniture, and the like. On-street parking lanes may need to be eliminated.*
    2. *Throughout the entire Plan Area, on-street parking angles may be adjusted as need to be either parallel, perpendicular, angled-in, or reversed angled-in. Adjusting parking angles may necessitate adjustments to the dimensions of other features, such as sidewalks, drive lanes, bike lanes, etc.*
    3. *Outside of City rights-of-way, the alignments and widths of Class I trails (i.e., separated shared use paths) may need to be adjusted based on environmental constraints, community needs, the availability of right-of-way, and other factors. Seek opportunities in public rights-of-way to daylight*

creeks using bridges when reconstructing bike/bed infrastructure.

4. *The trail within the Q Street right-of-way south of 10th Street may eventually need to be converted into a full vehicular roadway with a cross-section similar to other two-way roads proposed within the Plan Area.*
5. *The final design of transportation facilities within the Barrel District may change substantially but should follow the parameters outlined in Policies CM-2b and GA-5b.*
6. *Where available, pursue Opportunities for "green streets" infrastructure in streets/public right of ways, and provide for storm water features off-site (i.e., "storm water banks"). Consider opportunities to improve storm water drainage for the Jolly Giant Creek watershed.*

- ***GA-7d: Shorten Pedestrian Crossing Distances.*** *Create additional and safer methods for crossings Shorten distances for pedestrian crossings along K Street and 11th Street by shortening distances for pedestrian crossings to improve overall walkability in the Plan Area. Evaluate other roadways within the Plan Area that warrant shortened pedestrian crossings, with an emphasis on areas with planned or developed alternative transportation infrastructure, such as 8th and 9th Streets.*

Policy Chapter 8: Streetscape

Objective. *Create high-quality streetscapes that are visually interesting and provide safe and comfortable places for people to walk and gather. Provide for a streetscape design that visually unites the Gateway Area and promotes a cohesive sense of place.*

Policy Chapter 9: Design and Architectural Standards

Objective. *Ensure site design offers a mix of vibrant, mixed-use neighborhood structures with active and inviting public spaces. Provide for visual interest in walkable neighborhoods with street-level activity and public gathering places that support a car-free lifestyle.*

Applicable sub-policies reside in the Design Element Policy Groups D-1 and D-8 and Policy LU-1d.

Policy Chapter 11: Infrastructure and Services

Objective: *Provide sustainable infrastructure that serves the planned growth of the Gateway Area.*

Applicable sub-policies reside in the Public Facilities policy groups 1 and 6.

6.2.4 Evaluation Criteria and Significance Thresholds

Under criteria based on Appendix G of the CEQA Guidelines, the Project would be considered to have a significant impact on energy resources if it would result in any of the following:

- Result in potentially significant environmental impact due to wasteful, inefficient; unnecessary consumption of energy resources, during Project construction or operation; or
- Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

The following sections describe the anticipated environmental impacts on energy due to the Project.

6.2.5 Methodology

Existing information sources were reviewed to determine whether any portions of the study area contain significant energy resources and to evaluate how these resources, if any, would be affected by the Project. This analysis evaluates the use of energy resources (e.g., fuel and electricity) during the construction and operation of the Project. Specifically, the analysis considers whether construction and operation of the Project would use large amounts of fuels or energy, and whether they would be used in a wasteful manner.

6.2.6 Impacts and Mitigation Measures

Impact ER-a: Would the Project result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?

Construction

Construction of the land uses accommodated by the General Plan 2045 may involve demolition, grading, excavation and use of heavy machinery as discussed under Section 3.3, Air Quality. Construction would require the use of fuels, primarily gas, diesel, and motor oil. The precise amount of construction-related energy consumption that would occur is uncertain. Additionally, electricity would be used for certain hand tools, such as table saws and compressors, and lighting. Construction activity would also require energy associated with transportation of workers, materials, and vendors. The use of energy would fluctuate depending on the development type, size, and construction activities.

However, excessive idling and other inefficient site operations would be prohibited. Equipment idling times would be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes or less (as required by the California airborne toxics control measure (Title 13, Section 2485 of the CCR)). Additionally, Off-Road Regulations require the use and management of construction fleets such that energy consumption is minimized. Therefore, the implementation of the General Plan 2045 would not result in wasteful, inefficient, or unnecessary consumption of fuel use during construction. In addition, Waste Management Plans are required for construction for all City projects as part of the building permit review stage, as required per the California Green Building Code, with the intent of diverting construction materials from the waste stream which has associated upstream and downstream energy impacts. Based on these requirements already in place, no further mitigation is necessary, and the impact would be less than significant.

Operation

The General Plan 2045 would allow new development to occur within the City. Implementation of the General Plan 2045 would result in energy consumption from building use and on-road transportation. As detailed in Section 6.5.3 (Regulatory Framework), an interconnected framework of State Executive Orders, Assembly Bills, Senate Bills, State agency regulations, and State agency planning documents rely on, plan for, and promote increased energy efficiency, renewable energy generation, and renewable energy use of transportation and land use development. These regulations and plans aim to reduce overall energy consumption and decreased use of non-renewable energy resources.

Electricity and natural gas demand would increase compared to existing conditions due to the anticipated growth accommodated under the General Plan 2045. However, the General Plan 2045 includes policies and measures to implement an electric-only ordinance. Additionally, new buildings, redevelopment, and building additions would be subject to California Title 24 Energy Code and CALGreen Code Mandatory Measures (such as electric-ready, solar power generation infrastructure and onsite energy storage requirements). As previously stated, these regulations are updated every three years; therefore, it is anticipated that future iterations of the regulations would be even more energy efficient and have increased requirements for onsite energy generation and storage.

Additionally, the General Plan 2045 includes policies and measures that reduce single-occupancy vehicle use by providing planning, infrastructure, and design for alternative and active modes of transportation. Because the General Plan 2045 facilitates non-motorized transportation such was bicycling and walking, operations-related energy impacts from the transportation sector would be minimized. As shown in Section 4.2 (Transportation), the General Plan 2045 would result in a less-than-significant impact for vehicle miles travelled.

In summary, regulatory compliance would increase the energy efficiency of buildings and vehicles; as a result, there will be a reduced energy demand from new buildings and transportation activities. Additionally, the General Plan 2045 includes policies and measures for energy efficient design, buildings, land use mixes, and public and active transportation modes that would minimize energy demand associated with implementation of the General Plan 2045. Therefore, operation of growth that would occur under the General Plan 2045 would not result in

inefficient, wasteful, or unnecessary consumption of energy resources. The operational impact would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

Impact ER-b: Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

The General Plan 2045 would not conflict with or inhibit the implementation of the State Energy Action Plan, Senate Bill (SB) 1389, SB 100, AB 1007, or other applicable state regulations because the Project would comply with California's regulations that minimize energy consumption by construction equipment, minimize energy consumption by buildings and the transportation sector, and increase renewable electricity delivery to end users.

The electricity provided by PG&E is subject to California's Renewable Portfolio Standard, which mandates that a portion of the power comes from renewable sources. The California Renewable Portfolio Standard is a state mandate that all power providers are required to meet or exceed. Electricity providers must meet the minimum requirements of the standard.

Furthermore, the General Plan 2045 includes a measure to adopt an electric-only ordinance for new development, which would minimize installation and use of gas appliances. The Project facilities would comply with applicable state requirements. State regulations and regulatory requirements have been implemented consistent with the State's renewable energy and energy efficiency plans and goals. For example, California recently surpassed the 1.5 million zero emission vehicles sold goal 2 years ahead of schedule.

The majority of the State plans are not directly applicable to the General Plan 2045, but rather affect the development that would be accommodated by the General Plan 2045 through means such as regulation of vehicle efficiency standards, and the renewable energy mix with energy providers. For State plan requirements that are directly applicable to the General Plan 2045, The General Plan 2045 complies. The Project would therefore not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Impacts would be less than significant.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

6.2.7 Cumulative Impacts

Impact ER-C-1: Would the Project contribute to a cumulatively significant impact to Energy Resources?

The General Plan 2045 growth horizon is 2045. This coincides with or occurs after the following major milestones:

- Senate Bill 100 and Senate Bill 1020, which require renewable energy and zero-carbon resources to supply 100 percent of electricity by 2045,
- Executive Order N-79-20, which requires all new passenger vehicles sales to be zero-emission by 2035

As growth occurs throughout Humboldt County, there would be an increase in electricity and natural gas demand. As shown in Impacts ER-a and ER-b, above, the General Plan 2045 would not result in wasteful or inefficient use of energy resources through implementation of General Plan policies and measures, and compliance with State regulations. As with the City of Arcata, other land use agencies within Humboldt County are required to comply with State regulations regarding energy conservation and renewable energy infrastructure (Title 24 Energy Code and CALGreen Code Mandatory Measures). Furthermore, the City is actively coordinating with the County of Humboldt and other regional partners to finalize and implement the draft Climate Action Plan, which is currently

being revised from the draft that was published in April 2022 for public review. The Plan is intended to reduce GHG emissions throughout Humboldt County and explores locally oriented strategies to reduce emissions from vehicle travel, electricity consumption, natural gas use and other sources of GHGs. As a result of these regional and state regulations and commitments, the General Plan 2045 would not significantly contribute to a cumulatively considerable impact for wasteful, inefficient, or unnecessary energy use.

Mitigation Measures: No mitigation is necessary

Level of Significance: Less than significant impact

6.2.8 References

California Energy Commission (CEC). 2021. Energy Reports: Electricity and Gas Consumption by County

City of Arcata. 2006. *Community Greenhouse Gas Reduction Plan*. August.

Redwood Coast Energy Authority (RCEA). 2019. RePower Humboldt: The Redwood Coast Energy Authority's Comprehensive Action Plan for Energy.

RCEA. 2023. Power Resources. Website: https://redwoodenergy.org/power-resources/. Accessed: June 12, 2023

7.0 Alternatives

7.1 Introduction

This chapter presents the alternatives analysis for the Project. Section 15126.6(a) of the CEQA Guidelines requires EIRs to "describe a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project and evaluate the comparative merits of the alternatives. An EIR need not consider every conceivable alternative to a project. Rather it must consider a reasonable range of potentially feasible alternatives that will foster informed decision making and public participation. An EIR is not required to consider alternatives which are infeasible. The lead agency is responsible for selecting a range of project alternatives for examination and must publicly disclose its reasoning for selecting those alternatives. There is no ironclad rule governing the nature or scope of the alternatives to be discussed other than the rule of reason." This section of the CEQA Guidelines also identifies the purpose (15126.6[b]) which is for the EIR to identify ways to mitigate or avoid the significant effects that a project may have on the environment (Public Resources Code Section 21002.1). The discussion of alternatives shall focus on alternatives to the project or its location, which are capable of avoiding or substantially lessening any significant effects of the project, even if these alternatives would impede to some degree the attainment of the project objectives or be more costly.

For ease of reference, the Project objectives identified in Chapter 2, the Project Description, are repeated below:

– General Plan Objectives
  - Provide an update to the City's General Plan to reflect the current values and overall community vision more effectively (see General Plan Chapter 1 for the community vision statement).
  - Update General Plan policies to ensure they support the community vision.
  - Promote racial equity, social justice, and diversity to support an equitable and inclusive community. Enhance Arcatan's quality of life; promote equity and social well-being for the entire community.
  - Re-emphasize and support well planned infill projects that complement Arcata's historic development patterns and preserve open space.
  - Accommodate growth that protects important environmental resources, as well as ensures long term economic sustainability.
  - Meet the housing needs of existing and future residents through a variety of housing types and designs including infill development, high density multifamily/mixed use projects, and mixed use.
  - Adjust to climate-change and promote sustainability.
  - Improve mobility and safety for pedestrians, bicyclists, and vehicles.
  - Maintain opportunities for industry and employment to foster a diverse and resilient local economy.
  - Satisfy current state mandates for General Plans that have been issued since the General Plan was last updated.
  - Ensure consistency and compliance with other City plans that have been adopted or revised in recent years, such as the Housing Element.

    - Ensure existing infrastructure and facilities (water, sewer, transportation, etc.) can support the planned/projected population.
- Gateway Area Plan Objectives
    - Focus on infill development to create a high-density residential and mixed-use neighborhood that reflects community values of open space, arts and culture, and livability.
    - Stimulate the creation of a volume and variety of housing types.
    - Promote thoughtful development through form-based and streamlined development standards.
    - Promote a balance of mixed uses to create a neighborhood that offers a car-free lifestyle consistent with the City's climate action goals.
    - Design circulation improvements to accommodate planned growth, minimize vehicle trips, and support a pedestrian-friendly public realm.
    - Support and grow the area's arts identity.
    - Plan for environmental restoration and sustainability features.

One of the alternatives analyzed must be the "No Project" Alternative. CEQA Guidelines Section 15126.6(e)(1) states that the purpose of describing and analyzing the No Project Alternative is "to allow decision makers to compare the impacts of approving the proposed project with the impacts of not approving the proposed project." The No Project analysis is required to "discuss the existing conditions at the time the notice of preparation is published…as well as what would be reasonably expected to occur in the foreseeable future if the project were not approved, based on current plans and consistent with available infrastructure and community services" (Section 15126.6[e][2]). The No Project Alternative discussion will typically proceed along one of two lines: (A) when the project is the revision of an existing regulatory plan or policy, the No Project Alternative will be the continuation of the existing plan or policy, or (B) if the project is a development project on identifiable property, the No Project Alternative is the circumstance under which the project does not proceed (Section 15126.6[e][3]). Thus, in the case of this draft EIR for the Arcata General Plan 2045, the No Project Alternative would assume the proposed Project would not be adopted and development in the Project Area would occur as intended in the City's General Plan 2020.

7.1.1 Significant Impact of the Project

The following significant and unavoidable impacts are identified in Chapter 3 through Chapter 6 of this Draft EIR:

- Air Quality (cumulative impact)
- Cultural Resources (adverse change in the significance of a historical resource)

7.1.2 Identifying Project Alternatives

Numerous Project alternatives have been explored by the City. These include considerations of public scoping period comments received in February and March 2022. The Notice of Preparation and comments received during the public scoping period can be found in Appendix A and Appendix B, respectively. Comments germane to CEQA received during scoping included:

- Concerns related to the capacity and ability of local services, such as fire protection and the wastewater treatment system, to adequately serve additional development and growth;

- Concerns related to development height and density;
- Requests to address aspects of the climate crisis including promotion of electrification and reduction of greenhouse gas and vehicle miles traveled;
- Concerns related to transportation safety;
- Concerns related to construction impacts on wetlands and migratory birds; and
- Concerns related to construction and operational noise due to traffic.

Ultimately, three alternatives were chosen to further analyze due to their potential feasibility to lessen differing environment impacts. The alternatives analyzed in this chapter in addition to the proposed Project include the following: (1) No Project Alternative, (2) Dispersed Development, and (3) Reduced Population Estimate. The environmentally superior alternative is described in Section 7.5.

7.2 Alternatives Considered but Rejected

During the planning of the Project and the scoping process for the Draft EIR, several alternatives to the Project were evaluated and/or suggested. These alternatives are summarized below and were evaluated to determine if they meet the qualifications for alternatives receiving full EIR analysis, as required under CEQA.

The criteria for consideration as a feasible alternative are described in CEQA Guidelines Section 15126.6(a) and summarized above in Section 7.1 of this EIR. Based upon that guidance, the following alternatives were rejected.

7.2.1 **Rejected Alternative A**: Development in Hillsides and/or Arcata Bottoms (Urban Sprawl)

The potential impact to agricultural and forest resources is greater when implementing development goals that do not prioritize infill development, such as urban sprawl. The forested slopes of Fickle Hill Ridge and the Arcata Community Forest constitute a significant ecological, recreational, economic, and educational resource for the citizens of Arcata and the surrounding region. Lands outside of City limits, i.e., the Arcata Bottom, are currently utilized for and are highly suitable for agricultural production and would potentially be threatened by sprawl development. Under the General Plan 2045, sprawl is explicitly discouraged through adoption of the City's greenbelt designation, which protects rural and agricultural lands within the City's Planning Area. This alternative would be inconsistent with the intent of the General Plan 2045, impair agricultural production, promote sprawl, and extend traffic into currently lesser-developed areas. Accordingly, this alternative was rejected.

7.2.2 **Rejected Alternative B:** Four Story Alternative

Baseline development maximum building height is four stories in Residential High and Commercial Central, and three stories in other districts that allow residential development. This alternative would increase the maximum building height in all districts that allow residential development to four stories. This alternative would have similar environmental impacts to the proposed Alternative. The potential for meeting the City's residential development needs is lower with this alternative. In addition, this alternative is effectively the same as the reduced population alternative. For these reasons, this alternative was rejected from further study.

7.2.3 **Rejected Alternative C:** Infill Agricultural Sites

There are approximately 138 acres of agricultural lands zoned Agricultural Exclusive inside the City boundaries. Forty-one contiguous acres west of Alliance Road of 27th Street are in the Coastal Zone. The balance is outside of the Coastal Zone. These lands represent a significant land bank that could be developed for high-density housing, satisfying the City's housing needs for decades. However, the City and the Coastal Commission have strong agricultural preservation policies. This alternative was rejected because it conflicts with the Coastal Act and the General Plan 2045.

7.3 Analysis of Alternatives

This section describes the Project alternatives that were selected and analyzed in accordance with CEQA Guidelines Section 15126.6(a). As described above in Section 7.2, other potential alternatives were evaluated, but were determined to be infeasible, would not attain most of the Project's basic objectives, or would not avoid or substantially reduce significant impacts of the proposed Project and have been rejected.

The three alternatives to the proposed Project evaluated further in this Draft EIR include: (1) No Project Alternative; (2) Dispersed Development; and (3) Reduced Population Estimate. A comparison of alternatives is provided in Section 7.4. The environmentally superior alternative is described in Section 7.5.

7.3.1 Alternative 1: No Project

Description

The No Project Alternative is required to discuss the existing conditions at the time the Notice of Preparation is published and evaluate what would reasonably be expected to occur in the foreseeable future if the project were not approved. Thus, in the case of this Draft EIR for the General Plan 2045, the No Project Alternative would assume the proposed Project would not be adopted and development in the Project Area would occur as intended in the City's General Plan 2020. The mitigation measures presented in this EIR would not be active under this alternative. Current land use and zoning designations would remain unchanged under Alternative 1. Full buildout of those designations and compliance with applicable City regulations would be assumed to occur.

The City's population grew at an annual average rate of 0.65% between 2000 and 2020. The growth rate in the second 10-year period was 0.94%. For the purposes of this analysis this rate would be maintained. Alternative 1 would not update the General Plan, therefore the City would lack a long-term guide for development throughout the City and there would be uncertainty regarding the City's ability to meet its current Regional Housing Needs Assessment requirements.

Analysis

Aesthetics

Under the No Project Alternative, development would continue based on the land use patterns that currently exist and would be guided by the General Plan 2020. Less development would be likely to occur, and outside of the Gateway Area, impacts to aesthetics would be similar to the proposed Project.

As discussed in Section 3.2.4, under the proposed Project some public views would be modified by Project development allowable in the Gateway Area, predominantly when looking down on the Gateway Area from the hillside to the east. However, unlike the proposed Project, the No Project Alternative would not propose

a Gateway Area Plan and associated design features within that Infill Opportunity Zone. Therefore, the impacts to aesthetics would be less than significant and would be slightly less under the No Project Alternative.

Air Quality

Under the No Project Alternative, a lower development intensity would occur. With less development, temporary construction-related air quality impacts from grading and construction and longer-term air quality impacts from building operation (energy usage, maintenance), would be lower than under the proposed Project. However, growth patterns that are not centralized can promote longer trip lengths, thereby increasing pollution and emissions. Under the No Project Alternative, less multi-family residential units near existing development centers would likely be developed. Single-family residential units away from development centers can increase emissions due to further proximity to jobs and other critical resources. Under the No Project Alternative, the General Plan 2045 policies that would result in efficiencies related to transportation, promoting greater energy efficiency, or maximizing infill development and therefore fewer emissions per person, would not occur. Additionally, the No Project Alternative would not adopt and implement the mitigation measures proposed in this EIR, therefore air quality impacts would be greater than the proposed Project. The impact would remain significant and unavoidable.

Cultural Resources

Development under the No Project Alternative would continue to be guided by the General Plan 2020 which includes policies to protect historic resources. If demolition or alternation of a historic landmark is proposed, General Plan 2020 Historic Preservation Element Policies H-1d and H-1e require discretionary and design review approval prior to proceeding with the project. General Plan 2020 also includes preservation incentives. These policies reduce potential impacts on historic resources to a less than significant level. The No Project Alternative would not establish the Infill Opportunities Zones and Gateway Area Plan, in which two specific properties occur with known potential for demolition. Under the proposed Project, the demolition of the two properties, one of which is a local historic landmark, would result in a significant impact to historic resources, which is an unmitigable impact, and thus a significant unavoidable impact. Therefore, the No Project Alternative would have a lesser potential to impact historic resources.

Buildout under the General Plan 2020 could potentially disturb archeological resources. Increasing activity in undeveloped areas surrounding the City could possibly expose or unearth unrecorded sites. The General Plan 2020 Historical Preservation Element contains measures protecting both recognized and unrecorded archeological resources. Adhering to these policies would reduce potential adverse impacts associated with loss or damage of these resources to a less than significant level. The impact on Cultural Resources would be less under the No Project Alternative.

Greenhouse Gas Emissions

Under the No Project Alternative, a lower development intensity would occur. However, the General Plan 2045 policies that would result in efficiencies related to transportation and therefore fewer emissions per person, would not occur. The No Project Alternative would be inconsistent with transportation electrification, reduced parking, and other carbon neutrality policies of the California Air Resources Board (CARB) Scoping Plan & Redwood Coast Energy Authority's RePower Humboldt Plan. Additionally, this alternative would not be consistent with AB 32 greenhouse gas reduction goals, potentially resulting in cumulative significance. The No Project Alternative would not adopt and implement the mitigation measures proposed in this Draft EIR; therefore, air quality impacts would be greater than the proposed Project. Without the implementation

of these mitigation measures, the No Project Alternative would have a significant and unavoidable impact related to greenhouse gases.

Hazards and Hazardous Materials

Current land uses, as well as future land uses proposed under the General Plan 2045, involve or would involve the generation, transport, use and disposal of hazardous materials. Under both the No Project Alternative and the proposed Project, new development would be subject to state and federal regulations that would reduce the potential for hazards and hazardous materials. Existing and proposed General Plan regulations and policies would also reduce these potential risks to a less than significant level. Compared to the proposed Project, the No Project Alternative would not increase or decrease the potential exposure of a school or airport to hazardous materials, interfere with an adopted emergency response plan or emergency evacuation plan, nor exacerbate wildland fire exposure. Impacts under this alternative would be similar to the proposed Project and would be less than significant.

Land Use and Planning

Under Alternative 1, fewer residential units would be developed than under the proposed Project, consistent with what is allowed under existing zoning. Applicable land use plans, policies, and regulations would continue to be implemented. General Plan 2045 includes policies to support compliance with regional plans and state policies regarding housing, greenhouse gas reduction, and transportation. The No Project Alternative would not implement those policies and therefore may be in conflict with enforceable state policies and therefore may require additional mitigation. Alternative 1 would have a greater impact related to housing compared to the proposed Project due to the most recent state-mandated Regional Housing Needs Assessment requirements not being met. Without this requirement, population growth and needs would not be met, thus resulting in a greater impact level. Additionally, because this alternative would not plan for increased housing needs and would not include updated climate change planning consideration, it would not adequately meet the Project's housing and sustainability goals. The proposed Project's impacts related to land use and planning would be less than significant without additional mitigation, beyond those identified throughout this Draft EIR. Alternative 1 may require new or additional mitigation in order to not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

Noise

Under the No Project Alternative, the City's land use patterns would remain the same and slightly less development would occur. New development would not be concentrated in Infill Opportunity Zones and therefore mitigation would not be required to reduce impacts to sensitive uses near roadways and commercial/industrial facilities. Development intensity under this alternative would be less than the proposed Project, and therefore, noise impacts would be reduced compared to the proposed Project. Impacts under this alternative would be less than significant.

Population and Housing

Under the No Project Alternative, development would continue based on the land use patterns that currently exist and would be guided by the General Plan 2020. Less development would be likely to occur and if population growth exceeds what was forecasted in the General Plan 2020, unplanned growth would occur. Although this alternative would not displace housing or people, Alternative 1 would have a greater impact related to housing compared to the proposed Project due to the most recent state-mandated Regional Housing Needs Assessment requirements not being met. The land uses allowed under the General Plan

2045 would provide opportunities for cohesive new population, housing, and business growth in the City and would not induce substantial unplanned population growth. These opportunities would not occur under the No Project Alternative; therefore, population growth and housing needs would not be met, resulting in greater impacts. Alternative 1 may require new or additional mitigation. With no new policies or plans proposed, the No Project Alternative would have a significant impact on population and housing.

Public Services and Recreation

The No Project Alternative would result in a lesser increase in population and development and therefore lower pressure on public services and recreational facilities. Recreational considerations for Alternative 1 are the same as the proposed Project. Existing policies would continue to protect and maintain parkland and acquire new parkland. Impacts to public services, including fire, police, school, other public facilities, and parks and recreational services would be slightly less than the proposed Project and would remain less than significant.

Tribal Cultural Resources

Both Alternative 1 and the Project could result in direct or indirect impacts to tribal cultural resources due to construction activities, such as grading and excavation, that may result in inadvertent and accidental destruction or disturbance of tribal cultural resources. Under both Alternative 1 and the Project, federal and state laws require project specific consultation with local tribes, addressing potential impacts to tribal cultural resources. The General Plan 2020 contains policies and implementation measures to further reduce impacts to tribal cultural resources. The Project includes updates to those policies as well as new Local Tribal Input Policies and Implementation Measures to increase collaboration. Similar to the Project, Alternative 1 would have a less than significant impact on tribal cultural resources.

Utilities and Service Systems

Given Alternative 1 would accommodate less development and assumes less population growth than the proposed Project (which assumes growth of 43% over 2020 population estimates), impacts to utilities and service systems would not be significant, similar to the Project. The domestic water supply, existing storage reservoirs within the City's distribution system, and existing water treatment capacity are sufficient to meet the water supply needs of current and future population growth, and no impact would occur. The City's wastewater treatment plant is currently being upgraded and would continue to have sufficient capacity to meet the needs of the proposed Project projected growth, therefore construction or relocation would not be required. In both Alternative 1 and the proposed Project, future projects developed under the General Plan 2045 would not adversely impact water quality via stormwater inputs due to compliance with the Municipal Separate Storm Sewer System (MS4) permit and other City policies, and a less than significant impact would occur. Alternative 1 would not create new or different impacts to electrical power, natural gas, and telecommunication facilities; a less than significant impact would occur. Impacts to the City's infrastructure systems and water supply would be reduced under Alternative 1 and impacts would remain less than significant.

Transportation

Under the No Project Alternative, development would continue based on the land use patterns that currently exist and would be guided by the General Plan 2020. All roadways, bikeways, and intersection improvements would be designed to City or Caltrans engineering and safety standards, as appropriate. Future development under the General Plan 2045 would also be required to comply with street design standards, Manual of Uniform Traffic Control Devices requirements, building code requirements, fire code

requirements and zoning regulations, ensuring that this alternative would result in less than significant impacts with respect to design hazards and emergency access.

Under existing conditions, the City's overall land use diversity score of 81.5 (an ideal score is 100, see Section 4.1 for more information). Since the countywide average score is 74.3, Arcata's score is 28% better than the countywide average. Under future proposed Project conditions, the City's overall score would improve to 83.9, indicating that Arcata's land use patterns would be more diverse than under existing conditions, and would continue to generate lower rates of vehicle miles traveled than the Countywide average. Although the No Project Alternative would maintain or slightly improve Arcata's land use diversity score, it would continue to be higher than the impact threshold of 75.4, and therefore would be less than significant.

Agriculture and Forest Resources

Compared to the Project, the No Project Alternative would have equivalent impacts to agricultural resources with respect to conversions of agricultural land (less than significant), conflicts with agricultural zoning or a Williamson Act contract (no impact), or other changes resulting in conversion of farmland (no impact).

Neither the proposed Project nor this Alternative would have significant impacts to forest resources as no changes to zoning of forest land or forest management practices would occur. In both cases, removal of vegetation could occur to accommodate construction, However, potential removal of trees during infill development would be minor, if at all, and removal of trees would typically require a permit and likely require mitigation to offset the loss of that vegetation. Therefore, the impacts related to agriculture and forest resources would be equivalent to the proposed Project.

Biological Resources

Under Alternative 1, biological resources impacts would be similar to the proposed Project. As a result of existing federal and state regulations protecting natural resources (such as wildlife habitat), and existing and proposed policies under the General Plan 2020 that would require assessment, inventories and buffers for protection of natural resources, it is unlikely that implementation of this alternative would have a substantial adverse impact directly or indirectly on a special-status species via construction in undeveloped lands.

General Plan 2020 and the proposed Project contain policies to protect against any significant disruption of riparian or other Sensitive Natural Community (i.e., Environmentally Sensitive Habitat Area) habitat, provide strong protective measures for wetlands, uphold biological and ecological integrity that would protect wildlife habitat and migration, provide adequate protections to trees, and would not conflict with adopted Habitat Conservation, Community Conservation, or approved local, regional, or state habitat conservation plans that apply to the City. Future development under this alternative, as with the Project, would be required to comply with local, state, and federal regulations to minimize impacts to potential biological resources. Alternative 1 would have a less than significant impact on biological resources.

Geology and Soils

Activities under the No Project Alternative and General Plan 2045 may include building construction, shallow excavation, and repaving, which could potentially be ruptured by the Fickle Hill fault, resulting in a potentially adverse impact. Existing policies would reduce impacts from seismicity and liquefaction risks to a less than significant level. General Plan 2045 further requires new building and infrastructure and substantial renovations in areas with seismic hazards to incorporate geotechnical report specified measures into project design (PS-2d). These policies would not be implemented under the No Project Alternative.

Under both Alternative 1 and the proposed Project, construction activities, including cut, fill, removal of vegetation, and operation of heavy machinery would disturb soil and, therefore, have the potential to cause erosion. These construction activities would be performed in compliance with the Best Management Practices prescribed in the Arcata Municipal Code, North Coast Regional Water Quality Control Board regulations and the California Building Code. Therefore, no substantial soil erosion or loss of topsoil would result from development occurring under the proposed General Plan 2045, and the potential impact would be less than significant. Alternative 1 would not require the use of additional septic tanks or an alternative wastewater disposal system.

Development within the City could uncover paleontological resources which are protected by state law. If paleontological resources were discovered, a potentially significant impact could occur. The General Plan 2020 contains policies in the Historic Resource element to protect and preserve paleontological resources, including policy H-7f to suspend land disturbance activities upon the discovery of archeological or paleontological materials until the nature of the resources has been ascertained and the appropriate disposition method determined. The No Project Alternative would have a less than significant impact on geology and soils.

Hydrology and Water Quality

The No Project Alternative would have similar hydrology and water quality impacts as the proposed Project. Future development within Arcata would increase the total impervious surface area in the Project and Alternative 1; however, the General Plan 2020 policies, Land Use Code, City's MS4 requirements (in compliance with the Clean Water Act), along with other state and federal regulations would reduce water quality impacts to a less than significant level. Future projects would be required to comply with federal, state, and local regulations, such as the National Pollutant Discharge Elimination System and Stormwater Pollution Prevention Plan. The Public Safety element contains policies to reduce impacts related to flooding to a less than significant level. Both Alternative 1 or the Project would be expected to have relatively little effect on the quantity or quality of groundwater availability in the Mad River Valley Lowland Basin and would not conflict with a water quality control plan or sustainable groundwater management plan.

Although development under the No Project Alternative would be subject to local, state, and federal regulations that help to address hydrology and water quality impacts, the additional policies and actions related to hydrology and water quality in the proposed General Plan 2045 would not be adopted. These include additional policies related to sewer source control and pretreatment (PF-2g) and MS4 General Permit compliance (RC-7a.8). Therefore, impacts would be similar and less than significant.

Mineral Resources

Under the No Project Alternative, the City would be developed under the current General Plan 2020 land use plan. The General Plan 2020 and the proposed General Plan 2045 include policies to promote sustainable aggregate extraction to address potential mineral resource impacts. Unlike the proposed Project, the General Plan 2020 does not promote infill to the same extent. Infill would require comparatively less aggregate than that needed for new development requiring more new building foundations and road networks. Although infill development would not be promoted, slightly less development would occur, so a similar, unsubstantial use of mineral resources would be expected. The impact to mineral resources would be less than significant.

Wildfire

The No Project Alternative would result in a smaller increase in development, population, and employment, compared to the proposed Project, thereby reducing wildfire risk. However, General Plan 2045 includes policy updates for improvement to evacuation routes and methods, and a new policy to promote defensible space to reduce vulnerability to wildfire. Under the No Project Alternative, although policy updates would not be incorporated into local governance, due to the smaller increase in development, population, and employment wildfire impacts would remain less than significant.

Energy

Under the No Project Alternative, development would continue based on the land use patterns that currently exist and would be guided by the General Plan 2020. Similar to the proposed Project, new buildings, redevelopment, and building additions would be subject to California Title 24 Energy Code and CALGreen Code Mandatory Measures (such as electric-ready, solar power generation infrastructure and onsite energy storage requirements). There would be no anticipated wasteful, inefficient, or unnecessary consumption of energy resources. Under the No Project Alternative, no policies to reduce energy use through conservation and efficiency practices would be adopted. However, by following state plans and regulations, the No Project Alternative would remain in compliance with energy conservation and renewable energy infrastructure regulations. Impacts under this alternative, as with the proposed Project, would be less than significant.

7.3.2 Alternative 2: Upzoning Single-Family Zoning Districts (Dispersed Development)

Description

An alternative to planning for concentrated development in Infill Opportunity Zones is to plan for dispersed development. The General Plan 2045 anticipates approximately 22% of population growth in the plan period to occur in single-family zoning districts. These projections include anticipated accessory dwelling unit production associated with SB 9 (2021), both of which would allow up to four units on each existing single-family parcel. Enabling this increase in density, also known as “upzoning,” on these properties could increase the development potential across the City resulting in less reliance on higher-density projects in the Infill Opportunity Zones. The General Plan 2045 anticipates approximately 42% of units (46% of the population growth) to occur within Infill Opportunity Zones.

The City currently has 1,124 acres designated in residential land use classification, excluding Agricultural Residential. The City’s three low-density, single-family zoning districts comprise 78% of the land area designated residential. Residential Low-density occupies 578 acres citywide comprised of 2,803 parcels. Residential Very Low Density and Agricultural Residential covers 534 acres and 605 parcels. Twenty-two percent of the residential land area is in Residential Medium and Residential High Density.

Of the total number of parcels zoned Residential Low and Residential Very Low, 253 are vacant (Housing Element 2019). These parcels comprise 61 acres. At the proposed Residential Medium Density designation, 25 units are allowed with up to an additional three accessory units per parcel. Therefore, the total density for Residential Medium zones ranges from 25 to 49 dwelling units per acre. Assuming a middle range of 35 units per acre and assuming an average household size of 2.2 to 2.5 people (consistent with the project description), 2,135 units could be developed in Residential Medium Density properties to house 4,697 to 5,338 people. Residential High zones are proposed to allow up to 50 units per acre with an additional three accessory units per parcel. Therefore, between 50 to 70 dwelling units/acre would be

allowed in Residential High zones. If the Residential low and Very Low vacant parcels were designated Residential High Density, 3,050 units housing 6,710 to 7,625 people could be developed. This only accounts for development on vacant properties. The Residential Very Low properties that are built out at current standards of two units per parcel would be re-developable at higher densities adding to the total.

While other zoning districts do allow residential uses, they are less widely dispersed throughout the City. Upzoning single-family districts to either Residential Medium or Residential High density would spread development across the entire City. The mitigation measures presented in this Draft EIR would be active under this alternative.

Analysis

Aesthetics

Under Alternative 2, upzoning single-family districts to Residential Medium or Residential High density would spread development across the entire City, therefore aesthetics changes would occur throughout the City. Development would not be anticipated to be substantially different from existing development, nor would it be likely to adversely affect scenic vistas. All development would be in compliance with applicable zoning and other regulations governing scenic quality, which include considerations of design character. Therefore, similar to the proposed Project, a less than significant impact would occur.

Air Quality

Under Alternative 2, a slightly reduced development intensity would occur. With less development, temporary construction-related air quality impacts from grading and construction and longer-term air quality impacts from building operation, would be lower than under the proposed Project. However, upzoning single-family residential districts dispersed throughout the City would promote longer trip lengths (as opposed to concentrated development in a single area), increasing pollution and emissions due to further proximity from jobs and other critical resources. Furthermore, due to the dispersed development and associated longer trip lengths, Alternative 2 would not support active transportation methods to the same extent as the proposed Project. Therefore, similar to the Project, Alternative 2 would exceed the North Coast Air Quality Management District's stationary sources emission thresholds for some toxic air contaminant emissions. The impact would remain significant and unavoidable.

Cultural Resources

As with the proposed Project, construction of Alternative 2 could unearth unknown archaeological resources or human remains which would have a significant impact. However, policies would be in place under the proposed General Plan 2045 to protect those resources, including pre-project review and procedures for inadvertent discovery of archaeological resources. Therefore, Alternative 2 would not cause adverse impacts to cultural resources, including archaeological materials and human remains. Similar to the proposed Project, Alternative 2 would have a less than significant impact on archaeological resources.

Alternative 2 would not establish the Infill Opportunities Zones and Gateway Area Plan. Under the proposed Project, the demolition of the two properties in the Gateway Area, one of which is a local historic landmark, would result in a significant impact to historic resources, which is an unmitigable impact, and thus a significant unavoidable impact. While historic resources may be demolished under Alternative 2, it is less likely that demolition will occur, and the demolition of the properties in the Gateway Area is not be proposed; therefore, it would have a lesser potential to impact historic resources. Under Alternative 2, historic resources may be demolished in other areas throughout the City, however existing and proposed

General Plan policies are in place to protect these resources, including discretionary review (Policy H-5), and independent CEQA evaluation.

Greenhouse Gas Emissions

Under Alternative 2, a slightly reduced development intensity, and more widespread development would occur. The growth occurring under Alternative 2 would produce similar impacts as the proposed Project. With the implementation of mitigation measures, Alternative 2 would reduce impacts related to greenhouse gases to a less than significant level.

Hazards and Hazardous Materials

Current land uses, as well as future land uses under the General Plan 2045 and Alternative 2, involve or would involve the generation, transport, use and disposal of hazardous materials. Under both Alternative 2 and the proposed Project, new development would be subject to state and federal regulations that would reduce the potential for hazards and hazardous materials. Existing and proposed General Plan regulations and policies would also reduce these potential risks to a less than significant level. Compared to the proposed Project, Alternative 2 would not increase or decrease the potential exposure of a school or airport to hazardous materials or interference with an adopted emergency response plan or emergency evacuation plan. Dispersed development could be located in areas with a higher fire severity rating compared to the Infill Opportunity Zones located in core, urban City areas. Therefore, wildfire impacts would be increased under Alternative 2, but would remain less than significant due to the low wildfire risk in the City. Impacts under Alternative 2 would be similar to the proposed Project and would be less than significant.

Land Use and Planning

Under Alternative 2, a similar though slightly reduced amount of residential and non-residential development would occur as under the proposed Project, but development would occur throughout the City rather than centralized in Infill Opportunity Zones. Development would be consistent with applicable land use plans, policies, and regulations.

As with the proposed Project, Alternative 2 would comply with state plans and regulations. Alternative 2 would have a less than significant impact on land use and planning after the incorporation of mitigation measures in this Draft EIR.

Noise

Upzoning single-family districts to either Residential Medium or Residential High density would spread development across the entire City. New development would not be concentrated in Infill Opportunity Zones and therefore mitigation would not be required to reduce impacts to sensitive uses near roadways and commercial/industrial facilities. Development intensity under Alternative 2 would be less than the proposed Project, and therefore, noise impacts would be reduced compared to the proposed Project. Impacts under this alternative would be less than significant.

Population and Housing

The land uses allowed under Alternative 2 and the proposed General Plan 2045 would provide opportunities for cohesive new population, housing, and business growth in the City and would not induce substantial unplanned population growth. Both plans afford measured, planned population growth that would not divide an established community. Both plans would meet state-mandated Regional Housing

Needs Assessment requirements. Similar to the proposed Project, Alternative 2 would have equivalent less than significant impacts on population and housing.

Public Services and Recreation

It is anticipated that Alternative 2 would have minimal impacts to public services and utilities similar to the proposed Project. Recreational considerations for Alternative 2 are the same as the Project. Alternative 2 would have equivalent less than significant impacts on public services and recreational resources.

Tribal Cultural Resources

Both Alternative 2 and the Project could result in direct or indirect impacts to tribal cultural resources due to construction activities, such as grading and excavation, that may result in inadvertent and accidental destruction or disturbance of tribal cultural resources. Local policies as well as federal and state laws require project-specific consultation with local tribes, addressing potential impacts to tribal cultural resources. Similar to the Project, Alternative 2 would have a less than significant impact on tribal cultural resources.

Utilities and Service Systems

Upzoning single-family districts to either Residential Medium or Residential High density would spread development across the entire City, which could require expansion of new utilities and infrastructure to serve areas further from the City core. However, given Alternative 2 would accommodate less development and assumes less population growth than the proposed Project (growth of 43% over 2020 population estimates), impacts to utilities and service systems would not be significant. The domestic water supply, existing storage reservoirs within the City's distribution system, and existing water treatment capacity are sufficient to meet the water supply needs of current and future population growth, and no impact would occur. The City's wastewater treatment plant is currently being upgraded and would continue to have sufficient capacity to meet the needs of the proposed projected growth, therefore construction or relocation would not be required. In both Alternative 2 and the Project, future projects developed under the General Plan 2045 would not adversely impact water quality via stormwater inputs due to compliance with the MS4 permit and other City policies, and a less than significant impact would occur. Alternative 2 would not create new or different impacts to electrical power, natural gas, and telecommunication facilities, therefore a less than significant impact would occur. Overall, while less development and population would require less capacity, the utilities and service systems are sufficient for both Alternative 2 and the Project. A less than significant impact would occur.

Transportation

Under Alternative 2, similar to the proposed Project, all roadways, bikeways, and intersection improvements would be designed to City or Caltrans engineering and safety standards, as appropriate. Future development under the General Plan 2045 would also be required to comply with street design standards, Manual of Uniform Traffic Control Devices requirements, building code requirements, fire code requirements and zoning regulations, ensuring that this alternative would result in less than significant impacts with respect to design hazards and emergency access.

Under existing conditions, the City's overall land use diversity score of 81.5, compared to the countywide average score of 74.3. Under future proposed Project conditions, the City's overall score would improve to 83.9. However, the Project proposes a mix of land uses which generally leads to decreased vehicle miles traveled. Alternative 2 would maintain or decrease the City's score because the dispersed development in

upzoned residential areas could generate higher rates of vehicle miles traveled. However, it would continue to be higher than the impact threshold of 75.4, and therefore would be less than significant.

Agriculture and Forest Resources

Alternative 2 would not propose increased development on agriculture or forest lands. Increased development intensity would occur on previously zoned residential parcels. No zoning changes to Agriculture Residential parcels would be proposed. Therefore, Alternative 2 would have equivalent impacts to agricultural resources with respect to conversions of agricultural land (less than significant), conflicts with agricultural zoning or a Williamson Act contract (no impact), or other changes resulting in conversion of farmland (no impact).

Neither the proposed Project nor this Alternative would have significant impacts to forest resources as no changes to zoning of forest land or forest management practices would occur. In both cases, removal of vegetation to accommodate construction could occur. However, potential removal of trees during infill development would be minor, if at all, and removal of trees would typically require a permit and likely require mitigation to offset the loss of that vegetation. Therefore, the impacts related to agriculture and forest resources would be equivalent to the proposed Project.

Biological Resources

As a result of existing federal and state regulations protecting natural resources, and existing and proposed policies under the General Plan 2045 that would require assessment, inventories and buffers for protection of natural resources, it is unlikely that implementation of this alternative or the proposed Project would have a substantial adverse impact directly or indirectly on a special status species via construction in undeveloped lands. The regulations protecting biological resources in the existing General Plan 2020 and mitigation measures proposed in this EIR would be sufficient to mitigate the impacts to biological resources to a less than significant level.

Geology and Soils

Activities under Alternative 2 and General Plan 2045 may include building construction, shallow excavation, and repaving, which could potentially be ruptured by the Fickle Hill fault, resulting in a potentially adverse impact. Existing and proposed General Plan 2045 policies would reduce impacts from seismicity and liquefaction risks to a less than significant level.

Construction activities, including cut, fill, removal of vegetation, and operation of heavy machinery, would disturb soil and, therefore, have the potential to cause erosion. These construction activities would be performed in compliance with the Best Management Practices prescribed in the Arcata Municipal Code, North Coast Regional Water Quality Control Board regulations and the California Building Code. Therefore, no substantial soil erosion or loss of topsoil would result from development occurring, and the potential impact would be less than significant. Alternative 2 would not require the use of additional septic tanks or an alternative wastewater disposal system.

Development within the City could uncover paleontological resources which are protected by state law. If paleontological resources were discovered, a potentially significant impact could occur. Mitigation Measure GEO-1 inadvertently discovery protocol, would reduce the potential impact to less than significant. Therefore, the impacts related to geology and soil would be less than significant with the incorporation of mitigation, and equivalent to the proposed Project.

Hydrology and Water Quality

Alternative 2 would have similar hydrology and water quality impacts as the proposed Project. Alternative 2 has the potential to increase impervious surfaces slightly more due to its dispersed development pattern which could occur on undeveloped parcels, rather than infill promoted by the Project, which would take place on currently developed sites.

Regardless, the General Plan 2045 policies, Land Use Code, City's MS4 requirements, along with other state and federal regulations would reduce water quality impacts to a less than significant level. The Public Safety element contains policies to reduce impacts related to flooding to a less than significant level. Both Alternative 2 or the Project would be expected to have relatively little effect on the quantity or quality of groundwater availability in the Mad River Valley Lowland Basin and would not conflict with a water quality control plan or sustainable groundwater management plan. The hydrology and water quality impact of Alternative 2 is equivalent to the proposed Project and would be less than significant.

Mineral Resources

Under both Alternative 2 and the proposed Project, construction of buildings and roads would use aggregates, such as those extracted within Humboldt County outside of the City. Unlike the proposed Project, Alternative 2 does not promote infill development above and beyond state law. Infill would require comparatively less aggregate than that needed for new, dispersed development requiring building foundations and new road networks. Although infill development would not be promoted, slightly less development would occur, so a similar, unsubstantial use of mineral resources would be expected. The impact to mineral resources would remain less than significant.

Wildfire

Alternative 2 would result in a similar, though slightly increased, wildfire impact. Dispersed development could be located in areas with a higher fire severity rating compared to the Infill Opportunity Zones in core Arcata areas. Therefore, wildfire impacts would be increased under Alternative 2, but would remain less than significant due to the low wildfire risk in the City.

Energy

Under Alternative 2, upzoning single-family districts to Residential Medium or Residential High density would spread development across the entire City as opposed to concentrated in the Infill Opportunity Zones. Dispersed development could increase energy (fuel) usage due to increased trip length. However, development intensity under this alternative would be less than the proposed Project, and therefore, energy use would be reduced. Similar to the proposed Project, new buildings, redevelopment, and building additions would be subject to California Title 24 Energy Code and CALGreen Code Mandatory Measures. Ultimately, Alternative 2 would have an equivalent less than significant impact on energy resources.

7.3.3 Alternative 3: Reduced Population Estimate

Description

The scale of growth is in large part predicated on the policies that direct development to accommodate the growth. The City's population grew at an annual average rate of 0.65% between 2000 and 2020. The growth rate in the second 10-year period was 0.94%. During the last half of the 2000s, the City adopted several zoning amendments that streamlined development processes. While City policy was not the only

factor stimulating growth, in the 2010-2020 period, it contributed significantly to the increase in the pace of development.

An alternative to the proposed 1.0% to 1.4% average annual growth rate is to reduce growth estimates and impose reductions in reduced development potential. Policies aimed at reversing streamlining could be implemented to slow development, which would decelerate population growth. If more restrictive policies were put in place, the target population growth rate could be reduced to range between 0.65% and 0.73%. This would put the total population in 2045 at 22,628, relative to the 2020 baseline. Any population growth past this would be assumed to be absorbed by neighboring communities, such as the City of Eureka or unincorporated areas of Humboldt County.

To implement this option, the City could set lower allowed residential densities and adopt measures to increase discretionary decision making in development proposals. Policies could be established that set low targets for housing production and provide increased protection for existing residents. These polices could then be cited to deny or defer projects if housing targets are met.

In addition, the City could adopt stringent design policies. The state laws regulating housing production generally allow jurisdictions to regulate based on objective standards. The City could adopt objective standards that limit production of lower cost designs and require larger areas of each parcel to be set aside for onsite amenities, such as open space or parking. This would decrease the number of projects that are proposed, and the number of units that could be constructed. Together with a more complex development approval process, these measures would assist in implementing the reduced population estimate alternative. The mitigation measures presented in this Draft EIR would be active under this alternative.

Analysis

Aesthetics

Under Alternative 3, less development would be likely to occur and with the implementation of stringent design policies, impacts to aesthetics would be less than to the proposed Project. Some public views could be modified by Project development allowable in the Gateway Area; however, Alternative 3 would not target growth specifically in the Gateway Area, therefore those impacts would not occur. In general, less change from existing conditions would occur, therefore Alternative 3 would be likely to have no impact on aesthetic resources.

Air Quality

Under Alternative 3, a lower development intensity would occur throughout the City. With less development, temporary construction-related air quality impacts from grading and construction and longer-term air quality impacts from building operation, would be lower than under the proposed Project. However, if the population drivers anticipated in the proposed Project persist, but Arcata reduces its growth rate, the new population would likely be absorbed in nearby communities instead of in Arcata. This would promote longer trip lengths, increasing pollution and emissions due to further proximity from Cal Poly Humboldt, the prime population driver through this planning period. Alternative 3 would result in less active transportation trip reductions and more severe air quality impacts. Therefore, similar to the Project, Alternative 3 would exceed thresholds for some toxic air contaminants. The impact would remain significant and unavoidable.

Cultural Resources

As with the proposed Project, construction of Alternative 3 could unearth unknown cultural resources which would be a significant impact. However, policies would be in place under the proposed General Plan 2045

to protect cultural resources, including pre-project review and procedures for inadvertent discovery of archaeological resources. Therefore, Alternative 3 would not cause adverse impacts to cultural resources, including archaeological materials and human remains. Similar to the proposed Project, Alternative 3 would have a less than significant impact on cultural resources.

Alternative 3 would not establish the Infill Opportunities Zones and Gateway Area Plan. Under the proposed Project, the demolition of the two properties in the Gateway Area, would result in a significant impact to historic resources, which is an unmitigable impact, and thus a significant unavoidable impact. Because Alternative 3 does not propose to demolish these properties, it would have a lesser potential to impact historic resources. Though less likely than the other alternatives due to the lowered development intensity, historic resources may be demolished in other areas throughout the City. Existing and proposed General Plan policies are in place to protect these resources, including discretionary review (Policy H-5), and independent CEQA evaluation. Alternative 3 would have a less than significant impact on historic resources.

Greenhouse Gas Emissions

Under Alternative 3, a lower development intensity would occur throughout the City. However, population growth, especially due to Cal Poly Humboldt, would likely be absorbed by nearby communities instead of in Arcata. This would promote longer trip lengths, increasing pollution and emissions, and reduced participation in alternative transportation methods. Alternative 3 would not comply with the CARB Scoping Plan because it would not support vehicle miles traveled reduction and transit-supportive densities. This alternative would have a larger greenhouse gas impact than the proposed Project. Impacts would be potentially significant.

Hazards and Hazardous Materials

Current land uses, as well as future land uses under the Arcata General Plan 2045 and Alternative 3, involve or would involve the generation, transport, use and disposal of hazardous materials. Under both Alternative 3 and the proposed Project, new development would be subject to state and federal regulations that would reduce the potential for hazards and hazardous materials. General Plan regulations and policies would also reduce these potential risks to a less than significant level. Compared to the proposed Project, Alternative 3 would not increase or decrease the potential exposure of a school or airport to hazardous materials, interference with an adopted emergency response plan or emergency evacuation plan, or wildland fire exposure. Impacts under this alternative would be similar to the proposed Project and would be less than significant.

Land Use and Planning

Under Alternative 3, fewer residential units would be developed than under the proposed Project. General Plan 2045 includes policies to support alignment with regional plans and state policies on housing. Alternative 3 would not implement those policies and therefore may be in conflict with enforceable state policies and therefore require additional mitigation. The City would not likely be able to maintain housing element compliance with this alternative. If the population drivers anticipated in the proposed plan persist through this period but Arcata reduces its growth rate, the new population would likely be absorbed in nearby communities instead of in Arcata. This could create additional cumulative impacts. Additionally, because this alternative would not plan for increased housing needs, it would not adequately meet the Project's housing goals. Alternative 3 may require new or additional mitigation in order to not conflict with land use plans, policies, or regulations; however, impacts would be significant and unavoidable even after mitigation due to potential conflicts with state housing law.

Noise

Development intensity would be less under Alternative 3. Development intensity under this alternative would be less than the proposed Project and not concentrated in Infill Opportunity Zones, and therefore, noise impacts would be reduced compared to the proposed Project. Impacts under Alternative 3 would be less than significant.

Population and Housing

Alternative 3 would limit development allowed in the City. Alternative 3 would have a greater impact related to housing compared to the proposed Project due to potential for the most recent state-mandated Regional Housing Needs Assessment requirements not being met. While regressive development policies may limit some forms of development, it is likely that state law would supersede local regulations to ensure housing projects are allowed to be constructed in ways that are cost-feasible to developers by requiring cities to relax barriers to housing production for projects that adhere to set affordability targets. Therefore, Alternative 3 would induce unplanned growth within the City. Additionally, if the population drivers anticipated in the proposed Project persist through this period but Arcata reduces its growth rate, the new population would likely be absorbed in nearby communities instead of in Arcata. This would cause a cumulative impact that does not exist with the proposed Project. Alternative 3 would have a significant and unavoidable impact on population and housing.

Public Services and Recreation

It is anticipated that Alternative 3 would have less public services and recreational resource impacts than the proposed Project due to lower population growth. Slower population growth would have lesser demands on fire and police protection, schools, parks, and other public facilities within the City, compared to the proposed Project. Impacts from Alternative 3 would be less than the Project and would remain less than significant.

Tribal Cultural Resources

Both Alternative 3 and the Project could result in direct or indirect impacts to tribal cultural resources due to construction activities, such as grading and excavation, that may result in inadvertent and accidental destruction or disturbance of tribal cultural resources. Local policies as well as federal and state laws require project-specific consultation with local tribes, addressing potential impacts to tribal cultural resources. Similar to the Project, Alternative 3 would have a less than significant impact on tribal cultural resources.

Utilities and Service Systems

Given Alternative 3 would accommodate less development and assumes less population growth than the proposed Project (which assumes growth of 43% over 2020 population estimates), impacts to utilities and service systems would not be significant. The domestic water supply, existing storage reservoirs within the City's distribution system, and existing water treatment capacity are sufficient to meet the water supply needs of current and future population growth, and no impact would occur. The City's wastewater treatment plant is currently being upgraded and would continue to have sufficient capacity to meet the needs of the proposed projected growth, therefore construction or relocation would not be required. In both Alternative 3 and the Project, future projects developed under the General Plan 2045 would not adversely impact water quality via stormwater inputs due to compliance with the MS4 permit and other City policies, and a less than significant impact would occur. Alternative 3 would not create new or different impacts to electrical power, natural gas, and telecommunication facilities; a less than significant impact would occur. Overall, while less

development and population would require less capacity, the utilities and service systems serving the City are sufficient for both Alternative 3 and the Project. Impacts to the City's infrastructure systems and water supply would be reduced under Alternative 3 and impacts would remain less than significant.

Transportation

Similar to the proposed Project, all roadways, bikeways, and intersection improvements would be designed to City or Caltrans engineering and safety standards, as appropriate. Future development under the General Plan 2045 would also be required to comply with street design standards, Manual of Uniform Traffic Control Devices requirements, building code requirements, fire code requirements and zoning regulations, ensuring that this alternative would result in less than significant impacts with respect to design hazards and emergency access.

Under existing conditions, the City's overall land use diversity score of 81.5. An ideal score is 100. Scores that fall below the impact threshold (75.4) would indicate a significant impact. If the population drivers anticipated in the proposed Project persist through this period but Arcata reduces its growth rate, the new population would be absorbed in nearby communities instead of in Arcata. Considering the prime driver for population growth is Cal Poly Humboldt, this has implications for vehicle miles travelled and greenhouse gas and more people would drive into Arcata from outside the City. The countywide average currently has a score of 74.3, which is lower than the impact threshold. Alternative 3 may fall below the impact threshold of 75.4 and therefore be significant and unavoidable.

Agriculture and Forest Resources

Alternative 3 would not propose zoning changes or increased development on agriculture or forest lands. Therefore, Alternative 3 would have equivalent impacts to agricultural resources with respect to conversions of agricultural land (less than significant), conflicts with agricultural zoning or a Williamson Act contract (no impact), or other changes resulting in conversion of farmland (no impact).

Neither the proposed Project nor Alternative 3 would have significant impacts to forest resources as no changes to zoning of forest land or forest management practices would occur. In both cases, removal of vegetation could occur to accommodate construction; however, potential removal of trees during infill development would be minor, if at all, and removal of trees would typically require a permit and likely require mitigation to offset the loss of that vegetation. Therefore, the impacts related to agriculture and forest resources would be equivalent to the proposed Project.

Biological Resources

As a result of existing federal and state regulations protecting natural resources, and existing and proposed policies under the General Plan 2045 that would require assessment, inventories and buffers for protection of natural resources, it is unlikely that implementation of this alternative, would have a substantial adverse impact directly or indirectly on a special-status species via construction in undeveloped lands. The regulations protecting biological resources in the existing General Plan and mitigation measure proposed in this EIR would be sufficient to mitigate the impacts to biological resources to a less than significant level.

Geology and Soils

Activities under Alternative 3 and General Plan 2045 may include building construction, shallow excavation and repaving, which could potentially be ruptured by the Fickle Hill fault, resulting in a potentially adverse impact. General Plan 2045 policies would reduce impacts from seismicity and liquefaction risks to a less than significant level.

Construction activities, including cut, fill, removal of vegetation, and operation of heavy machinery would disturb soil and, therefore, have the potential to cause erosion. These construction activities would be performed in compliance with the Best Management Practices prescribed in the Arcata Municipal Code, North Coast Regional Water Quality Control Board regulations, and the California Building Code. Therefore, no substantial soil erosion or loss of topsoil would result from development occurring, and the potential impact would be less than significant. Alternative 3 would not require the use of additional septic tanks or an alternative wastewater disposal system.

Development within the City could uncover paleontological resources which are protected by state law. If paleontological resources were discovered, a potentially significant impact could occur. Mitigation Measure GEO-1 inadvertently discovery protocol, would reduce the potential impact to less than significant. Therefore, the impacts related to geology and soil would be less than significant with the incorporation of mitigation, and equivalent to the proposed Project.

Hydrology and Water Quality

Under Alternative 3 less development would be likely to occur and therefore less water quality impacts due to construction and increases in impervious surface area.

Similar to the Project, the General Plan 2045 policies, Land Use Code, City's MS4 requirements, along with other state and federal regulations would reduce water quality, flooding, and groundwater impacts of Alternative 3 to a less than significant level. Hydrology and water quality impacts would be reduced under Alternative 3, but impacts would remain less than significant.

Mineral Resources

Under both Alternative 3 and the proposed Project, construction of buildings and roads would use aggregates, such as those extracted within Humboldt County outside of the City. Alternative 2 would promote less development, and therefore would use fewer mineral resources. The impact to mineral resources would remain less than significant.

Wildfire

Alternative 3 would result in a smaller increase in development, population, and employment, compared to the proposed Project. Therefore, wildfire impacts would be reduced under Alternative 3, and impacts would remain less than significant due to the low wildfire risk in the City.

Energy

By indirectly promoting population growth away from City centers, Alternative 3 reduces transit-supportive densities, promoting longer trip lengths, increasing pollution and emissions, and reducing participation in alternative transportation methods, thereby increasing energy use (fuel use). However, similar to the proposed Project, new buildings, redevelopment, and building additions would be subject to California Title 24 Energy Code and CALGreen Code Mandatory Measures. Other land use agencies within Humboldt County are also required to comply with state regulations regarding energy conservation and renewable energy infrastructure. Therefore, impacts under this alternative, as with the proposed Project, would remain less than significant.

7.4 Comparison of Alternatives

Table 7-1 (Comparison of Alternatives to the Project) compares the impacts of the proposed Project with each of the alternatives. Significant and unavoidable air quality impacts would remain with all three alternatives.

As summarized in Table 7.4-1, the No Project Alternative has a greater impact than the proposed Project in relation to greenhouse gas impacts and population and housing because state policies related to greenhouse gas emissions and state housing needs would not be met. The No Project Alternative would reduce significant impacts to cultural resources and noise due to the location and type of development.

Potential environmental impacts resulting from Alternative 2 are generally equivalent to the proposed Project, except Alternative 2 has less impact in relation to cultural resources and noise.

Alternative 3 has a greater impact than the proposed Project in relation to greenhouse gas, land use and planning, population and housing, and transportation due to inconsistencies with state and local policies. Alternative 3 would reduce significant impacts to aesthetics, cultural resources, and noise due to the lower intensity development associated with the reduced population estimate.

Table 7.4-1 Comparison of Alternatives to the Proposed Project

Resource Category	Proposed Project	No Project	Alternative 2	Alternative 3
Aesthetics	Less than significant	=	=	-
Air Quality	Significant and unavoidable	=	=	=
Cultural Resources	Significant and unavoidable	-	-	-
Greenhouse Gas Emissions	Less than significant with mitigation	+	=	+
Hazards and Hazardous Materials	Less than significant	=	=	=
Land Use and Planning	Less than significant with mitigation	=	=	+
Noise	Less than significant with mitigation	-	-	-
Population and Housing	Less than significant	+	=	+
Public Services and Recreation	Less than significant	=	=	=
Tribal Cultural Resources	Less than significant	=	=	=
Utilities and Services Systems	Less than significant	=	=	=
Transportation	Less than significant	=	=	+
Agricultural Resources	Less than significant	=	=	=
Biological Resources	Less than significant with mitigation	=	=	=

Resource Category	Proposed Project	No Project	Alternative 2	Alternative 3
Geology and Soils	Less than significant with mitigation	=	=	=
Hydrology and Water Quality	Less than significant	=	=	=
Mineral Resources	Less than significant	=	=	=
Wildfire	Less than significant	=	=	=
Energy	Less than significant	=	=	=

Notes: "-" indicates an impact that is less than the proposed Project (environmentally superior)
"+" indicates an impact that is greater than the proposed Project (environmentally inferior)
"=" indicates an impact that is equal to the proposed Project (neither environmentally superior nor inferior)

7.5 Environmentally Superior Alternative

Table 7.4-1 (Comparison of Alternatives to the Proposed Project) compares the significance of the potential impacts for the proposed Project with the alternatives considered in the preceding sections. Of the three alternatives, Alternative 2 (Dispersed Development) is the least environmentally impactful alternative, as it avoids significant and unavoidable impacts to historic resources and noise impacts are less than significant without the need for mitigation.

The proposed Project and Alternative 2 would mainly result in equivalent environmental impacts and require identical mitigation measures for potential environmental impacts to remain less than significant. Both the proposed Project and Alternative 2 would result in significant and unavoidable air quality impacts due to exceeding the North Coast Air Quality Management District's stationary sources emission thresholds for some toxic air contaminant emissions.

Alternative 2 would involve development dispersed throughout the City, however, would result in slightly less development and reduced population. Compared to the proposed Project, this development pattern would reduce impacts to cultural resources and noise. Alternative 2 does not propose the demolition of two historic structures in the Gateway Area, which is currently proposed under the Project. Under Alternative 2, if future projects propose demolition or renovation, General Plan Policies H-2 and H-5 would identify and encourage retention of potential historic landmarks and would prevent the premature demolition of structures while considering the potential for preservation if they are historically significant. Because Alternative 2 does not propose concentrated new development in Infill Opportunity Zones, mitigation would not be required to reduce noise impacts to sensitive uses near roadways and commercial/industrial facilities.

Compared to the proposed Project, Alternative 2 has slightly increased impact, though still less than significant, related to hazards and hazardous materials, wildfire, transportation, and hydrology. Alternative 2 would have higher wildfire risk due to increased development outside core urban City areas. Alternative 2 would not promote a balance of mixed uses to create neighborhoods that offer a car-free lifestyle and minimize vehicle trips. The City's land use diversity score, and therefore VMT rates, would not improve. Additionally, Alternative 2 has the potential to increase impervious surfaces slightly more than the proposed Project due to the dispersed development. Infill, promoted by the proposed Project, would occur on previously developed parcels that generally have a higher quantity of impervious surfaces. The dispersed

development pattern would be more likely to occur on undeveloped parcels, increasing impervious surface area throughout the City.

In some cases, Alternative 2 would have slightly less impact than the proposed Project. Generally, less development and population would require less water supply and wastewater treatment. However, the current utilities and service systems capacity and quantity are sufficient for both Alternative 2 and the Project, and a less than significant impact regarding utilities and service systems would occur.

Because Alternative 2 would result in an overall reduction in the level of impacts identified for the proposed Project, Alternative 2 has been identified as “environmentally superior” to the proposed Project.

7.6 References

n/a

8.0 Other CEQA Required Sections

8.1 Energy Use

To guarantee that energy implications are considered in project decisions, CEQA Guidelines Appendix F, *Energy Conservation*, requires that EIRs "include a discussion of the potential energy impacts of proposed projects, with particular emphasis on avoiding or reducing inefficient, wasteful and unnecessary consumption of energy." An evaluation of potential impacts related to the energy consumption of the Project and the applicability of state or local plans for renewable energy and energy efficiency is discussed in Section 6.2 (Energy).

8.2 Growth Inducement

The CEQA Guidelines require that an EIR evaluate the growth inducing impacts of a proposed project. The CEQA Guidelines describe growth-inducing impacts in the following manner:

> *"Discuss the ways in which the proposed project could foster economic or population growth, or the construction of additional housing, either directly or indirectly, in the surrounding environment. Included in this are projects which would remove obstacles to population growth (a major expansion of a waste water treatment plant might, for example, allow for more construction in service areas). Increases in the population may tax existing community service facilities, requiring construction of new facilities that could cause significant environmental effects. Also discuss the characteristic of some projects which may encourage and facilitate other activities that could significantly affect the environment, either individually or cumulatively. It must not be assumed that growth in any area is necessarily beneficial, detrimental, or of little significance to the environment." (CEQA Guidelines Section 15126.2[d]).*

Projects can have direct and/or indirect growth inducement potential. An example of direct growth inducement would be the construction of new housing. Examples of indirect growth inducement could include establishing substantial new permanent employment opportunities and removing obstacles to population growth (e.g., the expansion or improvement of utilities which allows for more growth within a service area). Growth inducement itself is not an environmental effect but may lead to an environmental effect(s). Environmental effects may include increased demand on other public services and infrastructure, increased noise and traffic, degradation or loss of plant or animal habitats, degradation of air and water quality, or conversion of open space land to urban development.

General Plan policies will guide future growth in the City through the year 2045. Implementation of the General Plan 2045 is not specifically intended to induce growth, but to manage and direct growth so that it maintains quality of life and achieves other important community goals. The General Plan 2045 includes policies to maintain an Urban Services Boundary, administer annexations, and preserve open space in and around the City.

The General Plan 2045 proposes no major infrastructure or public service extensions that are typically considered growth inducing. The growth that is projected is primarily infill, taking advantage of existing infrastructure and services. Therefore, the General Plan 2045 would not induce substantial economic or population growth in the surrounding areas, outside the City limits.

8.3 Significant and Unavoidable Impacts of the Proposed Project

Section 15126.2(c) of the CEQA Guidelines require that an EIR identify any significant environmental effects that cannot be avoided if the Project were implemented, including those that can be mitigated but not reduced to a level of insignificance.

Mitigation measures proposed by the City have been identified throughout Chapter 3 through Chapter 6 of this Draft EIR and would mitigate potentially significant project effects to less than significant. Mitigation measures also are summarized in Table 1.11-1. The following impacts would remain significant and unavoidable after feasible mitigation measures are applied:

- The Project would result in a cumulatively considerable net increase of criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard.
- The Project would expose sensitive receptors to substantial pollutant concentrations.
- The Project would contribute to a cumulatively significant impact to air quality.
- The Project would cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5.
- The Project would contribute to a cumulatively significant impact to historical resources.

8.4 Significant Irreversible Environmental Changes

Section 15126.2(d) of the CEQA Guidelines requires that an EIR include a discussion of significant irreversible environmental changes that would result from project implementation. The CEQA Guidelines describe irreversible environmental changes in the following manner:

> *"Uses of nonrenewable resources during the initial and continued phases of the project may be irreversible since a large commitment of such resources makes removal or nonuse thereafter unlikely. Primary impacts and, particularly, secondary impacts (such as highway improvement which provides access to a previously inaccessible area) generally commit future generations to similar uses. Also irreversible damage can result from environmental accidents associated with the project. Irretrievable commitments of resources should be evaluated to assure that such current consumption is justified." (CEQA Guidelines Section 15126.2[d]).*

This Draft EIR identifies a number of potentially significant impacts, most of which can be mitigated by the policies, implementation measures, and other provisions in the General Plan 2045. The following represent the irreversible commitment of resources for the City's development. These include:

– Commitment of materials to construct residences, business, public facilities, transportation facilities, and other infrastructure;
– Consumption of water, energy and fuel;
– Commitment of public services and utilities;
– Release of materials into the air or waterways; and
– Demolition of historic resources.

Construction activities associated with future development accommodated under the General Plan 2045 would result in an irretrievable and irreversible commitment of non-renewable resources through the use of construction materials. This would include the use of fossil fuels (such as gasoline, diesel and oil), and the use of earth minerals and ores (such as concrete and steel). These and other changes listed above have been analyzed and, to the extent feasible, mitigation measures have been proposed to reduce potential impacts to a less than significant level. Consumption of these resources would occur with any development in the region and are not unique to the City or General Plan 2045.

Growth facilitated by the General Plan 2045 would require an irreversible commitment of police and fire protection, water supply, wastewater treatment, and solid waste disposal services. As discussed in Sections 3.10 (Public Services and Recreation) and 3.12 (Utilities and Service Systems), potential impacts to public services and utilities would be less than significant following implementation of policies included in General Plan 2045, as well as future environmental review that would be required for any future facilities needed to accommodate General Plan 2045. As discussed in Section 3.4 (Cultural Resources), implementation of the General Plan 2045 would impact historic resources in the Gateway Area that cannot be feasibly mitigated below significant thresholds.

Growth facilitated by the General Plan 2045 would incrementally increase regional air pollutant and greenhouse gas (GHG) emissions. As discussed in Section 3.3 (Air Quality) and Section 3.5 (Greenhouse Gas Emissions), implementation of the proposed plan policies, regional air pollution programs, and mitigation measures would reduce the air pollutant and GHG emissions associated with individual future development projects. Although individual projects may be less than significant, the total development anticipated by the General Plan 2045 would contribute to higher generation of toxic air contaminants and particulate matter (PM2.5). Additionally, as described in Section 3.6 (Hazards and Hazardous Conditions), hazardous materials releases during construction and implementation cannot feasibly be eliminated, potential risk of exposure to sensitive receptors cannot be reduced to zero, and no reasonably foreseeable upsets or accidents exist. Implementation of existing federal, state, and local regulations and General Plan 2045 policies reduce these potential risks to a less than significant level.

The General Plan 2045 includes goals, policies, and implementation measures that anticipate future changes to ensure that they will be effectively planned for and reflect this community's shared sense of values, such as protecting and enhancing open space, coastal resources, and design of the built environment. The General Plan 2045 addresses land use and environmental issues to the greatest extent feasible, while allowing growth and economic prosperity for the City. Associated development would physically change the environment in the Planning Area and would commit future generations to similar uses. This impact is considered a significant and unavoidable impact under CEQA.

8.5 References

None

9.0 List of Preparers

9.1 Lead Agency – City of Arcata

David Loya, Community Development Director
Netra Khatri, City Engineer
Emily Sinkhorn, Environmental Services Director
Delo Freitas, Senior Planner

9.2 GHD

Charles Smith, AICP, LEED AP, Senior Environmental Planner
Misha Schwarz, Senior Environmental Scientist
Chryss Meier, Air Quality Planner
Kerry McNamee, Environmental Planner
Kristen Orth-Gordinier, Environmental Planner
Josh Wolf, P.E., Senior Transportation Engineer
Zach Porteous, Spatial Analyst
Rosanna Southern, Transportation Planner
Ben Wiseman, Engineer
Colin Burgett, Transportation Planner
Veronica Chocholek, Project Administrator

Appendices

Appendix A

Notice of Preparation

NOTICE OF PREPARATION
OF A
DRAFT ENVIRONMENTAL IMPACT REPORT
FOR
ARCATA GENERAL PLAN 2045 AND GATEWAY AREA PLAN

ANNOUNCEMENT:	Notice is hereby given that the City of Arcata as Lead Agency under the California Environmental Quality Act (CEQA), will prepare an Environmental Impact Report (EIR) to evaluate the environmental effects associated with the proposed "Arcata General Plan 2045" (Project). **This Project includes analysis of the Draft Gateway Area Plan as a new Element of the General Plan, and associated zoning amendments necessary to implement the General Plan.** The City is soliciting comments regarding the scope and content of the environmental information.
ANNOUNCEMENT DATE:	February 2, 2022
PROJECT TITLE:	Arcata General Plan 2045
PROJECT LOCATION:	• City of Arcata Planning Area (see Figure 1 below) • Gateway Area Plan Boundary (contained within the above) (see Figure 2 below)
LEAD AGENCY:	City of Arcata
LEAD AGENCY CONTACT PERSON:	David Loya, Director Community Development Department dloya@cityofarcata.org Phone: 707-825-2045 City of Arcata 736 F Street Arcata, CA 95521
NOP PUBLIC COMMENT PERIOD:	The Notice of Preparation (NOP) review period begins on Friday, February 4, 2022, and closes on Monday, March 7, 2022. Please submit written responses by 5:00 p.m. on March 7, 2022, to the address or email above.
SCOPING MEETING:	A virtual public scoping meeting will be conducted on February 24, 2022, beginning at 5:30 pm via zoom communications and may be accessed via https://us06web.zoom.us/j/85803996010?pwd=YkdvQzJxamlLVk9wT25ndCs5NjRvdz09.

PURPOSE OF THIS NOTICE OF PREPARATION

The City of Arcata (City) will serve as lead agency under California Environmental Quality Act (CEQA) and an Environmental Impact Report (EIR) will be prepared to analyze the proposed Project. The EIR will identify the potential for significant environmental effects to satisfy the requirements of CEQA [Public Resources Code Section 21000 et seq.].

In accordance with the California Code of Regulations Section 15082, the City has prepared this Notice of Preparation (NOP) to inform agencies and interested parties that an EIR will be prepared for the proposed Project. The purpose of this notice is:

(1) to serve as the notice to provide interested parties, including members of the public, potential responsible agencies, agencies involved in funding or approving the Project, agencies providing public services, (schools,

utilities, medical and emergency services), and trustee agencies responsible for natural resources affected by the Project, with sufficient information to provide meaningful responses as to the scope and content of the EIR; and

(2) to advise and solicit comments and suggestions from interested parties regarding the preparation of the EIR, environmental issues and alternatives to be addressed in the EIR, and any related issues.

PROJECT OVERVIEW

The Arcata General Plan is a planning document with text and diagrams that express the goals, objectives, and policies necessary to guide the community toward achieving its vision over a long-term planning period (typically approximately twenty years). City decision makers rely on the General Plan as the basis for making decisions on matters such as land use, transportation, open space and conservation, provision of public services, and environmental quality and safety. It is also a policy document that guides decisions related to protecting and enhancing what the community values most, such as open space, coastal resources, and protecting and enhancing the character of the community.

The City is preparing an update of its existing General Plan as well as preparing a "Gateway Area Plan," which will be a new Element of the General Plan as well as associated zoning amendments to implement the Gateway Area Plan. The Gateway Area Plan will provide additional specificity within the Gateway Area, which is an approximately 138-acre area entirely within City limits that is generally north of Samoa Blvd, west of K Street, and south of Alliance Rd (see Figure 2). A portion of the Gateway Area and City's Planning Area are located in the coastal zone (see Figures 1 and 2). The General Plan update, Gateway Area Plan and zoning updates are collectively the "Project."

PROJECT DESCRIPTION

The Project will update and amend the City's existing General Plan, including a new General Plan Element (the Gateway Area Plan) to encourage infill development in the Arcata Gateway Area, in accordance with State Bill (SB) 375 and California Government Code (CGC) Section 65302. Together these documents will be called the "Arcata General Plan 2045." The Arcata General Plan 2045 seeks to build upon but not substantially change the vision established in the Arcata 2020 General Plan (adopted in the year 2000). The Arcata General Plan 2045 will also update the goals, policies, and implementation programs that articulate the vision for the City's long-term physical and economic development, while preserving open space areas and enhancing the quality of life for Arcata residents. The Arcata General Plan 2045 is anticipated to be adopted in late 2022.

As a part of this Project, all existing General Plan Elements (other than the Housing Element) will receive minor focused updates to:

- Satisfy modern State mandates for General Plans that have been issued since the General Plan was last updated;
- Re-emphasize infill development to preserve greenbelts around the City;
- Adjust to climate-change and promote sustainability;
- Promote social justice and racial equity;
- Amend inconsistencies; and
- Ensure consistency and compliance with other City plans that have been adopted or revised in recent years, such as the 2019 Housing Element.

California Government Code, Section 65302, subdivision. (h)(1) requires an Environmental Justice element in the General Plans of certain communities. Arcata does not meet the thresholds for such an Element to be required because the City does not contain any Disadvantaged Communities as identified by the California Environmental Protection Agency Pursuant to Section 39711 of the Health and Safety Code. Instead, the City is electing to reflect social justice and racial equity values in all Elements of the General Plan. Since the Housing Element was updated and adopted in late 2019, the Housing Element will not be modified as a part of this Project.

In addition to the minor updates outlined above, the following General Plan Elements will receive additional, more comprehensive updates to accommodate more targeted infill policies and ensure consistency with the Gateway Area Plan:

- Land Use (modifications to land use map and development standards)
- Transportation and Circulation (modifications to proposed circulation systems)
- Public Facilities and Infrastructure (modifications to support utility upgrades in priority development areas)
- Parks and Recreation (replace existing adopted Element with the 2010 Parks and Recreation Master Plan, which will serve as the new Parks and Recreation Element)

Accordingly, the following summarizes the anticipated degree of changes for each Element:

- New Element
  - Gateway Area Plan
- Minor updates and consistency updates:
  - Introduction
  - Vision
  - Growth Management
  - Open Space Element
  - Resource Conservation and Management
  - Air Quality
  - Design
  - Historical Preservation
  - Public Safety
  - Noise
- Comprehensive updates
  - Land Use
  - Transportation and Circulation
  - Public Facilities and Infrastructure
  - Parks and Recreation
- No change
  - Housing Element

The new **Gateway Area Plan Element** will establish new policies, land use designations, and development standards within the "Gateway Area" which is an approximate 138-acre location entirely within City limits that is directly west of Arcata's downtown core and generally north of Samoa Blvd, west of K Street, and south of Alliance Ave (see Figure 2). The Gateway Area currently primarily consists of former industrial lands. Due to its proximity to the downtown and core infrastructure, the Gateway Area represents a priority opportunity area for future redevelopment and infill growth.

The **Land Use Element** will continue to include the general distribution and general location and extent of the uses of land for housing, business, industry, open space, agriculture, natural resources, recreation, enjoyment of scenic beauty, education, public buildings and grounds, solid and liquid waste disposal facilities, greenways, and other categories of public and private uses of land within the City and its Planning Area, which is unchanged from the 2020 General Plan adoption on 2000 (see Figure 1). The Land Use Element will continue to accommodate projections of population and economic growth using infill principles, including growth anticipated in the Gateway Area. The City's anticipated growth during the planning period is expected be contained within the present City boundary and concentrated largely within the Gateway Area Plan Boundary and other "Potential Infill Opportunity Zones" identified in the City's adopted 6th Cycle Housing Element in 2019 (Figure 3). Growth will be concentrated in and around the downtown area, the Gateway Area Plan Boundary, existing neighborhood commercial centers, and Humboldt State University. Targeted upzoning (or increases in the allowable uses and development standards) will be necessary in these priority development areas to meet

the City's 6th Cycle housing allocation, in addition to twenty-year growth projections. Outside of the Infill Opportunity Zones, the Land Use Map and development standards are anticipated to receive only minor changes from the Arcata General Plan 2020 (adopted in the year 2000).

The **Transportation and Circulation Element** will continue to include the general location and extent of existing and proposed major thoroughfares; vehicle, bike, and bus transportation routes; terminals; and other local public utilities and facilities, all correlated with the Land Use Element of the General Plan. To accommodate anticipated growth, the Transportation and Circulation Element will also be updated to include plans for a more balanced, multi-modal transportation network that meets the needs of all users of streets, roads and highways (including bicyclists, children, persons with disabilities, motorists, movers of commercial goods, pedestrians, users of public transportation, and seniors) for safe and convenient travel in a manner that is appropriate within the context of our community. The City's Pedestrian and Bike Master Plan (adopted 2010) will inform this update. Outside of the Gateway Area Plan Boundary, the Transportation and Circulation Element will receive only minor changes from the Arcata General Plan 2020, including:

- A new analysis of Vehicle Miles Traveled (VMT) and Level of Service (LOS) will be added to the Element;
- An update of the Street Functional Classifications Map;
- An update of the Existing and Projected Traffic Volumes and Intersection Levels of Service;
- An update of Existing and Projected Transit Ridership;
- An update of Existing Travel Demand Management;
- Enhancements to the goals and policies; and
- A modernization of implementation programs.

Likewise, the **Public Facilities and Infrastructure Element** will support growth in the identified Potential Infill Opportunity Zones and plan for upgrades to facilities such as the City's Wastewater Treatment Facility. This update will analyze necessary updates to development strategy based on recent planning documents, including the Humboldt County Association of Government's Regional Transportation Plan-VROOM 2022-2042, the City's Wastewater Treatment Improvements Project Facility Plan (2017), Wastewater Treatment Plant Rehabilitation Plan (2020), Infill Market Study (2021), and the City's Capital Improvement Program. The Public Facilities and Infrastructure Element update will leverage this analysis and identify infrastructure upgrades required to address population buildout over the planning period. This Element will consist of substantial changes from the Arcata General Plan 2020.

The new **Parks and Recreation Element** will draw heavily upon the Parks and Recreation Master Plan (adopted 2010) and upon goals and policies previously described in the Open Space Element. The Parks and Recreation Element will include an assessment of the current condition of parks and related facilities, analyze the existing and projected public demand for parks and recreation facilities, establish policies and guidelines for park planning and development, and identify funding sources for these initiatives. It will also include current demographic and needs data. This Element consists of substantial changes from the Arcata General Plan 2020, with the entire Element being replaced.

The **Design Element** and **Historical Preservation Element** identify detailed design policy in various neighborhoods throughout the City with particular emphasis on standards and review of the Arcata Plaza area, which constitutes the City's current downtown core. Updates to the Design Element are anticipated to be primarily limited to policy around Potential Infill Opportunity Zones and the development of objective design standards that can be applied for with new residential development designed at a higher density and intensity of use than what has historically been encouraged throughout these areas. The 2019-2027 Housing Element and Infill Market Study (2021) will inform the update of this Element. The changes to the Historic Preservation Element will be minor. These Elements will receive only minor changes from the Arcata General Plan 2020.

The **Public Safety Element** will continue to identify risks of fires, floods, droughts, earthquakes, tsunami, and landslides. An update of the Public Safety Element will comply with CGC Section 65302(g) and SB 375. Climate change adaptation

will be a principal focus of the Public Safety Element update. The Public Safety Element will acknowledge the context of other relevant plans at the regional and state level and align City goals and policies with these efforts. The City is currently included in the Humboldt County Local Hazard Mitigation Plan (adopted 2020) and County-wide Climate Action Plan (in progress). The Local Coastal Program update will address sea level rise. This Element received only minor changes from the Arcata General Plan 2020.

The **Open Space Element** will continue to include details regarding the preservation of natural resources, the managed production of resources, outdoor recreation, public health and safety, as well as tribal resources, within the context of related state and regional plans. The update of the Open Space Element will comply with CGC Sections 65302(e) and 65560 for the comprehensive and long-range preservation and conservation of open space land within the City. The Open Space Element will continue to include details regarding the preservation of natural resources, the managed production of resources, outdoor recreation, public health and safety, and tribal cultural resources, within the context of related state and regional plans. This Element will receive only minor changes from the Arcata General Plan 2020.

The **Resource Conservation and Management Element** will continue to address the conservation, development, and utilization of natural resources including water, forests, soils, rivers and other waters, harbors, fisheries, wildlife, minerals, and other natural resources. The Resource Conservation and Management Element update will consider the effect of infill development, as described in the Land Use Element, on other natural resources located on public lands. This Element received only minor changes from the Arcata General Plan 2020.

The **Growth Management Element** will reaffirm the Urban Growth Boundary for the City and will continue to bolster the policies and programs of the Open Space Element. The update of the Growth Management Element is to align the existing Element with the Local Coastal Program and updated Municipal Services Review per the Humboldt County Local Agency Formation Commission (LAFCo). The Growth Management Element amendments will emphasize infill development, including new policies to reaffirm an internal focus on future growth. This Element received only minor changes from the Arcata General Plan 2020.

The **Noise Element** will continue to provide a basis for comprehensive local programs to control and abate environmental noise and to protect citizens from excessive exposure. The update of the Noise Element will address the changes resulting from residential densification in Potential Infill Opportunity Zones, including more intense and diverse uses. This Element will receive only minor changes to the Arcata General Plan 2020.

The **Air Quality Element** will continue to address air pollution concerns and will bolster the policies and programs of the Air Quality Element. The update of the Air Quality Element will continue to have goals and objectives related to reducing air quality emissions from a variety of point and area sources, as well as mobile emissions. The Air Quality Element will continue to enforce the Regional Air Quality Standards enforced by the North Coast Unified Air Quality Management District. This Element received only minor changes from the Arcata General Plan 2020.

Zoning Amendments. The General Plan update will require zoning amendments to implement the new vision. Specifically, the Land Use Element will establish growth targets that will require new zoning to accommodate. Population growth is anticipated to be absorbed throughout the City primarily through infill. The City expects rezoning to accommodate new residential development, upzoning to allow higher densities in current residentially designated districts, and ordinances to address state law related to accessory dwelling units (second units) and small lot subdivision requirements (SB 9 – 2020).

EIR ANALYSIS

The City of Arcata, as the lead agency under CEQA, will prepare an EIR for the Arcata General Plan 2045 in accordance with CEQA. The Arcata General Plan 2045 is considered a “project” under CEQA and is therefore subject to CEQA review.

As a policy document, the General Plan provides guidance and sets standards for several areas of mandatory environmental review for later "projects" that would be undertaken by local government and the private sector. The EIR will evaluate potential environmental impacts associated with adoption and implementation of the Arcata General Plan 2045. The EIR will disclose potential impacts of the Arcata General Plan 2045, propose mitigation measures to avoid and/or reduce impacts deemed potentially significant, identify reasonable alternatives, and compare the environmental impacts of the alternatives to the proposed Project's impacts.

Pursuant to Section 15063(a) of the CEQA Guidelines, an Initial Study will not be prepared. The EIR will evaluate the full range of environmental issues contemplated under CEQA and the CEQA Guidelines, including the following resource categories: Aesthetics, Agricultural and Forestry Resources, Air Quality, Biological Resources, Cultural Resources, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Transportation and Circulation, Tribal Cultural Resources, Utilities and Service Systems, and Wildfire.

The following resource categories may have potentially significant impacts, and mitigation measures may be required to reduce potential significant impacts: Air Quality, Biological Resources, Historic and Cultural Resources, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Population and Housing, Transportation, and Utilities and Service Systems. The EIR will also evaluate potential cumulative impacts, growth inducement and other CEQA-required topics.

Scoping Meeting

A virtual scoping meeting will be conducted on February 24, 2022 beginning at 5:30 pm. The meeting is being conducted utilizing teleconferencing and electronic means consistent with State of California Executive Order N-29-20 dated March 17, 2020, regarding the COVID-19 pandemic. In accordance with Executive Order N-29-20, the public can observe and participate in the meeting by attending the virtual meeting that may be accessed at https://us06web.zoom.us/j/85803996010?pwd=YkdvQzJxamlLVk9wT25ndCs5NjRvdz09. Verbal comments regarding the scope of the proposed EIR will be accepted at the meeting. Members of the public may also provide public comment by sending comments to David Loya, Director of the Community Development Department by email at dloya@cityofarcata.org, with cc to comdev@cityofarcata.org by 5:00 p.m. on March 7, 2022. This NOP is available for review on the City's General Plan webpage at: https://www.cityofarcata.org/160/General-Plan.

Please contact Community Development Department Director David Loya at 707-825-2045 or dloya@cityofarcata.org with any questions regarding this notice, the scoping meeting or ways to comment on this NOP.

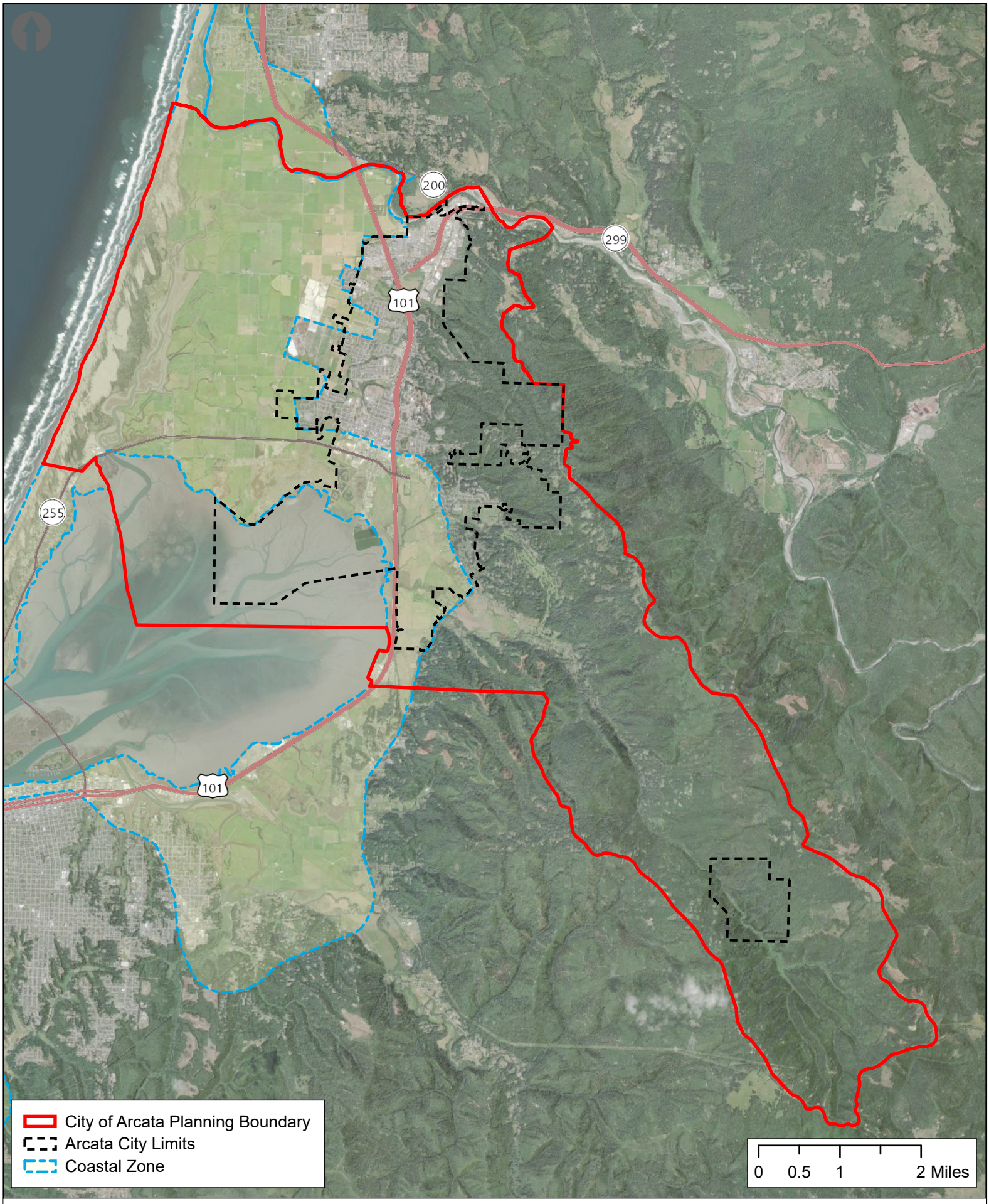

Figure 1 City of Arcata Planning Area

Created by GHD
Map Date: 1/27/2022

Source: Esri, NASA, NGA, USGS, USGS The National Map: National Transportation Dataset; U.S. Census Bureau – TIGER/Line; U.S. Forest Service. Data Refreshed January, 2022., Earthstar Geographics; Roads: Humboldt County; Proposed Facilities: GHD

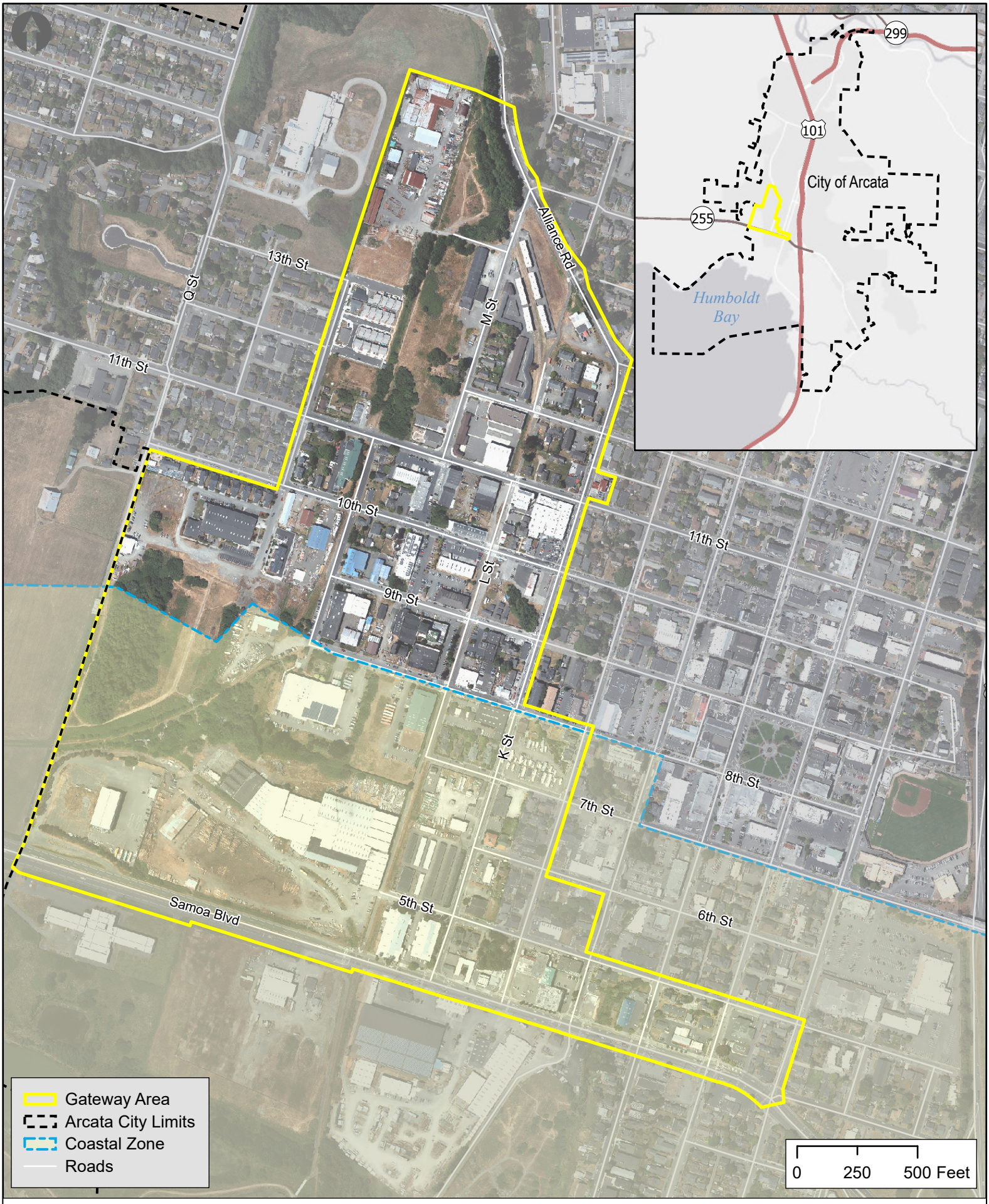

Figure 1 Gateway Area Plan Boundary

Created by GHD
Map Date: 1/27/2022

Source: USGS The National Map: National Transportation Dataset; U.S. Census Bureau – TIGER/Line; U.S. Forest Service. Data Refreshed January, 2022., Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS; Roads: Humboldt County; Proposed Facilities: GHD

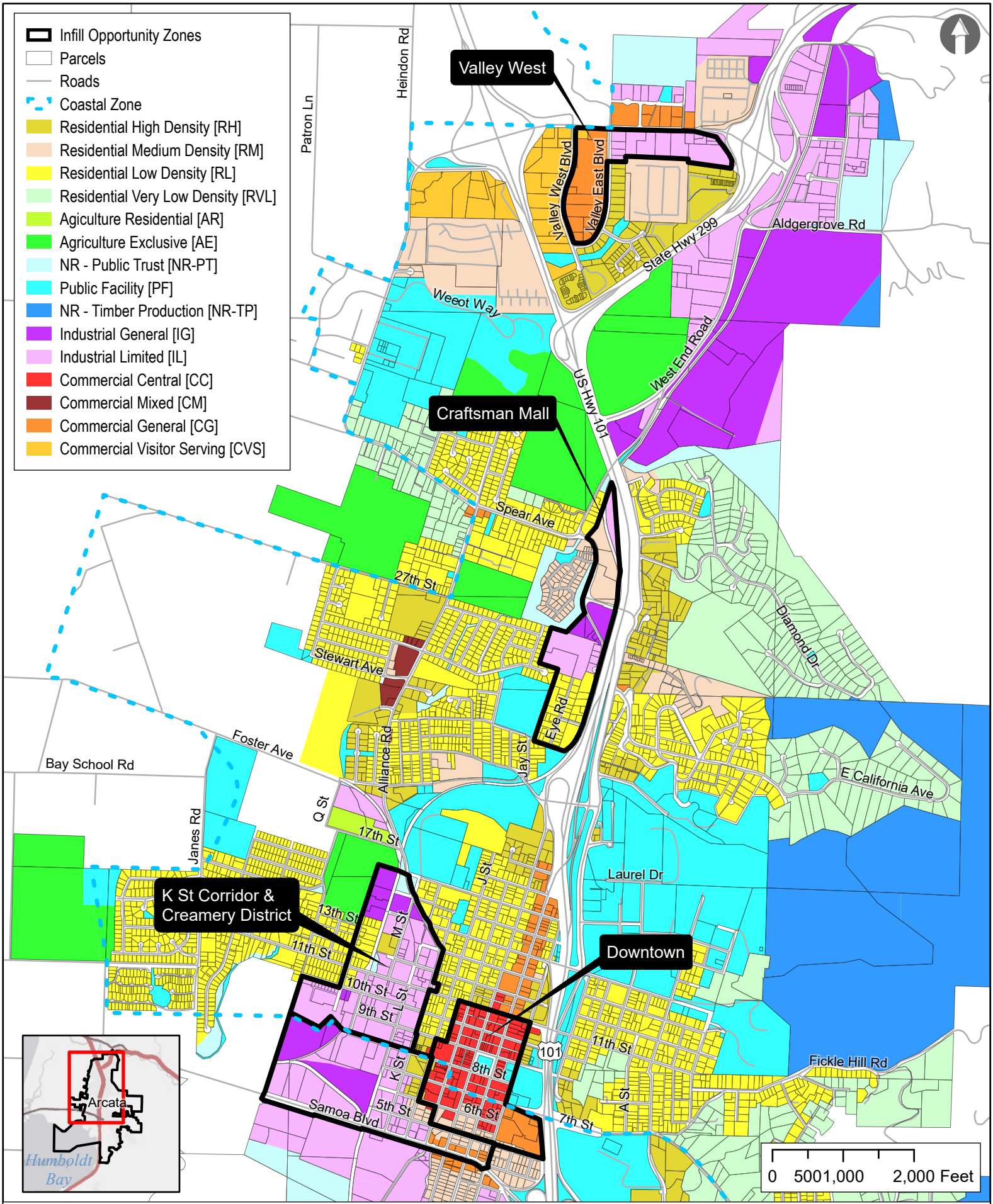

Figure 3 Potential Infill Opportunity Zones

Created by GHD
Map Date: 1/27/2022

Source: USGS The National Map: National Transportation Dataset; U.S. Census Bureau – TIGER/Line; U.S. Forest Service. Data Refreshed January, 2022., Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS; Roads: Humboldt County; Proposed Facilities: GHD

Appendix B

Notice of Preparation Comments

City of Arcata: General Plan 2045 Program EIR Scoping Comments

EIR Scoping Comments

Public Agency

Arcata Gateway Plan-Agency Scoping Meeting

February 24, 2022

Attendees:

- Eric Loudenslager, Arcata Fire Protection District Board Director
- Bente Jansen, California Coastal Commission, bentejansen@coastal.ca.gov
- Colette Metz Santsche, Humboldt LAFCo, colettem@humboldtlafco.org
- Tamara L. Gedik, Supervising Analyst, California Coastal Commission Tamara.Gedik@coastal.ca.gov
- Larry Oetker, Humboldt Bay Harbor District loetker@humboldtbay.org
- Ana Canter, Bear River Band THPO Assistant and GIS coordinator anacanter@brb-nsn.gov
- Spencer Fine, Local Assistance and Market Development Branch –CalRecycle spencer.fine@calrecycle.gov
- Jesse Robertson, Caltrans District 1 Transportation Planning jesse.robertson@dot.ca.gov
- Tom Mattson, Director of Public Works, Humboldt County tmattson@co.humboldt.ca.us
- Greg O'Connell, California Department of Fish and Wildlife Gregory.OConnell@Wildlife.ca.gov

Summary of Comments Provided:

Oetker: Support for planning for regional growth, need to consider housing needs

Mattson: Recommend meeting with planning directors from other local jurisdictions to discuss regional growth and population projections-all the way from Trinidad to Fortuna. Concerns about our energy grid and energy impacts related to electrification of vehicles

Loudonslager: Concern with Gateway Area Plan for fire suppression and emergency medical services. High rise buildings pose challenges, need for upgraded equipment and there needs to be a plan for that.

Gedik: Consider WWTP capacity given growth projections; what is plan for that? Need for that over time…vulnerability of site over time-more information needed from the City for the permitting of Phase 2n AWTF Improvements.

Fine: AB 939 replaced with SB 1383, Climate Pollutant law- 50% diversion goal is now prescriptive and mandates certain requirements. Also recommend checking in with Air Board regarding SB 375.

Robertson: Formal letter forthcoming. What are best local opportunities to reduce VMTs 5 of top 10 strategies to reduce VMT are within the sphere of local government and related land use/transportation policy. Support for travel demand management, micro-mobility, and targeting certain land use densities (e.g. 9.1+ du/ac) as well as 125 jobs/ac. Trails and other transit connections that reduce trips using state highways system are supported by Caltrans-recommend communicating these updates with Caltrans and keeping lines of communication open, sharing maps and plans that show local linkages.

O'Connell: Consider Open Space, stream and wetland buffers, Sea Level Rise and habitat migrations-effects of GHGs from additional population (Loya: site-specific environmental review will still be required on identified parcels. LCP + GAP are planned to be packaged as separate approvals before the Coastal Commission.)

Santsche: MSR and SOI update in 2020. Will updated sphere be reflected in General Plan Update? Any other SOI updates? (Loya: likely to reduce SOI, focusing entirely on infill for the next 20-year planning period.)

Pacific Gas and Electric Company

Plan Review Team
Land Management

PGEPlanReview@pge.com

December 28, 2021

Delo Freitas
City of Arcata
736 F St
Arcata, CA 95521

Re: Arcata Gateway Area Plan

Dear Delo:

Thank you for giving us the opportunity to review the subject plans. The proposed Arcata Gateway Area Plan is within the same vicinity of PG&E's existing facilities. Should the City find that existing PG&E facilities need to be relocated as any part of the Arcata Gateway Area Plan, the City will need to submit an application to the Customer Connections Online to initiate the relocation process. Additionally, any facilities requiring relocation will need to be shown on a plan set by the city. The city can contact the BRSC below, or email DelineationMapRequests@pge.com, to obtain facility mapping to add to their plan sets. Once both of those steps are complete, the city may reach out to Land Agent Dave Kelly (Dave.Kelly@pge.com) to continue the relocation process.

Please contact the Building and Renovation Center (BRSC) for facility map requests by calling 1-877-743-7782 and PG&E's Service Planning department at www.pge.com/cco for any modification or relocation requests, or for any additional services you may require.

As a reminder, before any digging or excavation occurs, please contact Underground Service Alert (USA) by dialing 811 a minimum of 2 working days prior to commencing any work. This free and independent service will ensure that all existing underground utilities are identified and marked on-site.

If you have any questions regarding our response, please contact me at Justin.Newell@pge.com.

Sincerely,



Justin Newell
Land Management
916-594-4068

From:	Newell, Justin
To:	Delo Freitas; David Loya; Misha Schwarz
Subject:	RE: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan
Date:	Monday, February 07, 2022 10:53:40 AM
Attachments:	image001.png Impact_Letter_12-28-2021.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Delo,

Thank you for providing that. PG&E's comments will be the same as the letter I provided 12/28. If the general plan requires any PG&E facilities to be relocated, please follow the instructions outlined in my letter.

We have no other comments at this time.

Thank you,

Justin Newell | Land Agent | Land Rights Records
Pacific Gas and Electric Company
916-594-4068

Click here to access the PG&E Greenbook
Click here to Submit an Application
Click here to access Customer Connections Online

From: Delo Freitas <dfreitas@cityofarcata.org>
Sent: Monday, February 7, 2022 8:47 AM
To: Newell, Justin <J2NF@pge.com>; David Loya <dloya@cityofarcata.org>; Misha Schwarz <Misha.Schwarz@ghd.com>
Subject: RE: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan

*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*****
Thanks Justin,

Please find the NOP attached.

Delo

From: Newell, Justin <J2NF@pge.com>
Sent: Monday, February 07, 2022 8:42 AM
To: Delo Freitas <dfreitas@cityofarcata.org>; David Loya <dloya@cityofarcata.org>; Misha Schwarz

<Misha.Schwarz@ghd.com>
Subject: RE: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Delo,

Unfortunately PG&E cannot access the NOP/EIR link. I have attached my last correspondence regarding the Arcata General Plan. It states who to contact should the general plan require the relocation of any PG&E facilities.

I am happy to look at the plan update if it could be sent to us outside of the link.

Thank you,

Justin Newell | Land Agent | Land Rights Records
Pacific Gas and Electric Company
916-594-4068

Click here to access the PG&E Greenbook
Click here to Submit an Application
Click here to access Customer Connections Online

From: Delo Freitas <dfreitas@cityofarcata.org>
Sent: Thursday, February 3, 2022 4:04 PM
To: Young, Denise <DRSd@pge.com>; David Loya <dloya@cityofarcata.org>; Misha Schwarz <Misha.Schwarz@ghd.com>
Cc: PGE Plan Review <PGEPlanReview@pge.com>
Subject: RE: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan

*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*****
Thanks Denise!

D

From: Young, Denise <DRSd@pge.com>
Sent: Thursday, February 03, 2022 10:33 AM
To: Delo Freitas <dfreitas@cityofarcata.org>; David Loya <dloya@cityofarcata.org>; Misha Schwarz <Misha.Schwarz@ghd.com>
Subject: RE: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

PG&E has an internal team that reviews all agency plans. Please send your plan reviews to PGEPlanReview@pge.com.

Thank you,

Denise Young | **Project Support Land Agent**

Pacific Gas & Electric Co. | Land Rights Services | North Coast

☎ (707) 445-5548 | Cell: (707) 298-1006 | denise.young@pge.com



From: Delo Freitas <dfreitas@cityofarcata.org>
Sent: Thursday, February 03, 2022 8:58 AM
To: David Loya <dloya@cityofarcata.org>; Misha Schwarz <Misha.Schwarz@ghd.com>
Subject: City of Arcata CEQA Notice of Preparation of Environmental Impact Report-Arcata General Plan 2045 and Gateway Area Plan

*****CAUTION: This email was sent from an EXTERNAL source. Think before clicking links or opening attachments.*****
Hello,

The City of Arcata is releasing a Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for its General Plan Update, which will include the City's Gateway Area Plan as a new Element. An NOP signifies the formal start of the General Plan Update's environmental review process. A scoping meeting specifically for agencies receiving this email will be held Thursday, February 24th from 3-4:30 PM via zoom communications and can be accessed at https://us06web.zoom.us/j/84325039302?pwd=NWZxMVU4czNrS3A0RGtSSHdxRlZXZz09. Written comment may also be submitted to David Loya, Director of Community Development at dloya@cityofarcata.org, with cc to comdev@cityofarcata.org, or mail to City of Arcata, Community Development, 736 F Street, Arcata, CA 95521. The NOP review period begins on Friday, February 4, 2022, and closes on Monday, March 7, 2022 at 5:00 p.m. Please submit written responses by 5:00 p.m. on March 7, 2022 to be incorporated into the project's administrative record.

The Arcata General Plan shapes how the City of Arcata will look, function, provide services, and manage resources for the next 20 years. The General Plan is the City's "constitution" for physical development and change within the existing and future city boundaries. The City is preparing an update of its existing General Plan as well as preparing the "Gateway Area Plan" as a new proposed Element of the General Plan, as well as associated zoning amendments to implement the Gateway Area Plan. Please review the NOP for more information. The NOP can also be found online at https://www.cityofarcata.org/160/General-Plan and https://www.cityofarcata.org/928/Related-SIRP-Materials.

In accordance with the California Code of Regulations Section 15082, the City has prepared this NOP to inform agencies and interested parties that an EIR will be prepared for the proposed Project. The purpose of this notice is to:

1. Serve as the notice to provide interested parties, including members of the public, potential responsible agencies, agencies involved in funding or approving the Project, agencies providing public services, (schools, utilities, medical and emergency services), and trustee agencies responsible for natural resources affected by the Project, with sufficient information to provide meaningful responses as to the scope and content of the EIR; and
2. Advise and solicit comments and suggestions from interested parties regarding the preparation of the EIR, environmental issues and alternatives to be addressed in the EIR, and any related issues.

The NOP review period begins on Friday, February 4, 2022, and closes on Monday, March 7, 2022 at 5:00 p.m. Please submit written responses by 5:00 p.m. on March 7, 2022, to David Loya, Director of Community Development at dloya@cityofarcata.org, with cc to comdev@cityofarcata.org, or mail to City of Arcata, Community Development, 736 F Street, Arcata, CA 95521.

Please contact Community Development Director, David Loya, at 707-825-2045 or dloya@cityofarcata.org, with any questions regarding this notice, the upcoming scoping meeting, or ways to comment on this NOP.

Delo Freitas | Senior Planner
City of Arcata Community Development Department
Planning | Housing | Economic Development
p. 707.825.2213 e. dfreitas@cityofarcata.org

Due to COVID 19, the City has implemented measures to limit in-person contact. We still strive to provide the full range of city services by phone, email, and web-based services. Since this is an evolving situation, please visit the City's COVID-19 website for updates.



NATIVE AMERICAN HERITAGE COMMISSION

Governor's Office of Planning & Research

Feb 11 2022

STATE CLEARING HOUSE

February 8, 2022

David Loya
City of Arcata
736 F Street
Arcata, CA 95521

Re: 2022020107, Arcata General Plan 2045 Project, Humboldt County

Dear Mr. Loya:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015. If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). Both SB 18 and AB 52 have tribal consultation requirements. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

PARLIAMENTARIAN
Russell Attebery
Karuk

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

a. A brief description of the project.

b. The lead agency contact information.

c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).

d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

a. Alternatives to the project.

b. Recommended mitigation measures.

c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

a. Type of environmental review necessary.

b. Significance of the tribal cultural resources.

c. Significance of the project's impacts on tribal cultural resources.

d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

a. Whether the proposed project has a significant impact on an identified tribal cultural resource.

b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe. (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,



Andrew Green
Cultural Resources Analyst

cc: State Clearinghouse

California Department of Transportation

DISTRICT 1
P.O. BOX 3700 | EUREKA, CA 95502–3700
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March 7, 2022

1-HUM-101/255
Arcata General Plan 2045
SCH# 2022020107

Mr. David Loya, Director
Community Development Department
City of Arcata
736 F Street
Arcata, CA 95521

Dear Mr. Loya:

Thank you for giving Caltrans the opportunity to review and comment on the Notice of Preparation for the Arcata General Plan 2045 Environmental Impact Report. The planning horizon is approximately twenty years, during which time City decision makers will rely on the General Plan as the basis for making decisions on matters such as land use, transportation, open space and conservation, provision of public services, and environmental quality and safety. The "Gateway Area Plan" will be a new Element of the General Plan as well as associated zoning amendments to implement the Gateway Area Plan. The Gateway Area Plan will provide additional specificity within the Gateway Area, which is an area of approximately 138 acres, located generally north from Samoa Blvd, largely west of K Street, and south of Alliance Rd. The General Plan update, Gateway Area Plan and zoning updates collectively comprise the "Project." We offer the following comments:

Vehicle Miles Traveled (VMT)
Caltrans has a responsibility to help California achieve a carbon-neutral future by the year 2045. The Caltrans Strategic Plan for 2020-2024 calls for Caltrans to enhance and connect the multimodal transportation network and to lead Climate Action. By the end of the General Plan Update's planning period, the State is seeking to achieve carbon neutrality. To meet the State's targets to reduce carbon emissions and energy consumption, we offer to partner with the City to plan for a more sustainable transportation system through a reduction in VMT and carbon consumption/emissions.

Emissions from the transportation sector make up the largest contributor to GHG emissions in the State. According to California Air Pollution Control Officers Association (CAPCOA), four or five of the ten most effective and efficient greenhouse gas reduction strategies have to do with the transportation system and are within the control of local governments. The following strategies are recommended as initial points of focus for future local government General Plan policies and Climate Action Plan development and include:

1) Promotion of smart growth, jobs/housing balance, transit-oriented development, and infill development through land use designations, zoning, and public-private partnerships.
2) Support for and funding of transit, bicycle, and pedestrian connections through transit and trail planning and regional cooperation.
4) Promotion of green procurement and alternative fuel vehicle use through municipal mandates and voluntary bid incentives.
5) Support for alternative fuel facilities and infrastructure through land use designations, zoning, and public-private partnerships.
10) Regional cooperation to find cross-regional efficiencies in GHG reduction investments and to plan for regional transit, energy generation, and waste recovery facilities.

The development of compact housing has been shown to result in lower VMT per household when compared to less dense housing. Affordable housing produces less VMT compared to market-rate housing. To the extent that future projects contribute to such housing, medium- or high-density residential developments can take credit for the VMT reduction compared to business-as-usual housing. Compared to measures that attempt to reduce VMT in traditional single-family residential neighborhoods, denser, more affordable housing is a powerful VMT-reduction tool.

Factors Influencing VMT:

- Density of housing relative to typical or existing
- Affordability of new housing
- The level of contribution committed by project mitigation
- Location of the housing project

Ways to measure VMT Reduction:

For housing projects that result in higher densities, CAPCOA estimates a -0.22 reduction in household VMT for every percentage increase in density. To qualify as a VMT reducer, density must be higher than typical densities. CAPCOA sets the starting point at 9.1 dwelling units per acre. Lower density developments would not reduce VMT. CAPCOA caps the reduction at 21.5 units/acre, equivalent to a 30 percent reduction in household VMT.

Please note that the source material from CAPCOA considers density at the project level. However, if a very large housing project increases density in a larger geography, such as a TAZ or Census block group, it would be fair to consider the increase across the full geography, adding a VMT reduction for the existing homes to the calculation for the project itself.

For the purposes of lowering the City's carbon footprint and reducing harmful GHG emissions that result from inefficient land uses, we recommend establishing a minimum Citywide residential density of 9.1 units per acre.

Mixed Use/Employment Densities

To maximize the potential benefits of higher density residential development on VMT reduction goals, trip lengths can be shortened by establishing a greater mix of land uses. Locating higher density housing in close proximity to commercial uses where goods, services and employment are abundant can help to reduce trip length and the amount of energy consumed for transportation. CAPCOA (pages 73-75) sets 145 jobs/acre as a floor for realizing VMT benefits, and a maximum reduction of 30 percent from employment density. Reductions can be calculated using a (job) density-to-VMT elasticity of -0.07. This method must be applied to typical commute VMT for the development, a number determined through a traffic and parking study or may be available from the regional travel demand model or other sources of local travel data. If typical commute VMT is not available, it could be calculated by referring to the Institute of Transportation Engineers' (ITE) Trip Generation Manual and multiply the trips by trip lengths from a big-data tool.

Travel Demand Management (TDM)

Travel demand management can complement transportation infrastructure by influencing the travel mode that people choose when traveling to work, school, the grocery store, etc. Travel modes include transit, ridesharing, walking, biking, and telework. TDM programs can help make the most of our transportation and physical infrastructure so that options to driving are naturally encouraged and our systems are better balanced. TDM measures that may help to reduce VMT include transit and micro-mobility pass discounts, carpool matching and incentives, parking pricing, bike facilities at workplaces, vanpools, guaranteed-ride-home service for non-driving employees, education, and information on travel options other than the single-occupancy-vehicle (SOV). "Modernizing Mitigation" (2018) from the State Smart Transportation Initiative, describes VMT-focused TDM in more detail: <https://ssti.us/modernizing-mitigation/ >.

<u>Factors to consider</u>:

Senate Bill (SB) 743-relevant TDM measures should be designed to replace car trips with other modes or by increasing vehicle occupancy in motor vehicle trips (e.g., carpooling). TDM measures could work in tandem with workplace and residential density measures to reduce distances traveled.

We encourage the City to coordinate with the Humboldt County Association of Governments (HCAOG), the Regional Transportation Planning Agency for Humboldt County, to plan, program, and implement TDM measures that are suitable for the north coast context. Other collaborators could include local governments, employers, college campuses, transit systems (e.g. with free or discounted transit passes), and residential landlords (e.g. with priced parking).

Ways to measure impacts:
Determining the VMT effect from increased transit service can be done with two calculations:

- Ridership. Where service was established through applications for New Starts, Small Starts or state capital funding, the original ridership estimates may already be available in the form of passenger-miles-traveled. If none of these applications are available, the transit provider would need to help make an estimate.
- VMT. Converting transit ridership into VMT is thoroughly discussed in "An Update on Public Transportation's Impacts on Greenhouse Gas Emissions" (TCRP, 2021). To summarize, a passenger-mile on transit directly replaces 0.329 VMT, a number which takes into account that not all transit trips would have been taken by car. This value can be coupled with the land-use multiplier effect to compound the overall savings in VMT by up to two miles of reduction for every one passenger-mile traveled.

Public Transportation/Mass Transit
The transportation element will benefit from a clear definition of sustainability in the context of local transit service and conditions. The Federal Transit Administration (FTA) defines sustainable transit as enhancing the quality of life, meeting ambient air quality standards, reducing the need for more road construction, lower contribution to stormwater run-off, reducing fuel use and providing critical services for all members of society. Ultimately, sustainable transportation means designing public transit services that are attractive to the people who want to use them.

Useful links: <https://www.transit.dot.gov/regulations-and-programs/environmental-programs/transit-and-sustainability>,
<https://www.kittelson.com/ideas/3-ways-to-improve-public-transportation-sustainability/>,
<https://www.transportation.gov/mission/health/Expand-Public-Transportation-Systems-and-Offer-Incentives>,
<https://www.nytimes.com/2015/05/07/upshot/transportation-emerges-as-crucial-to-escaping-poverty.html>.

To promote and prioritize high quality transit that aligns with the City of Arcata's land use, housing, and economic development policies, we suggest that the City General Plan 2045 include the following:

- Consider zoning changes to increase density around existing transit corridors.
- Establish an inventory of transit supportive infrastructure/assets on the State Highway System.
    - Coordinate transit stops, transit centers and routes with bicycle and pedestrian infrastructure to create first and last mile connections.
    - Locations may include conventional highways and freeway interchange transit stops, connections to intermodal transit stations, mobility hubs, park and ride lots, regional and interregional transfer points,

- Assemble a toolbox of best practices, common standards, and types of infrastructure to consider on projects for the State Highway System. Consider a Complete Streets Elements Toolbox.
  - Potentially to include transit accessibility improvements, bus boarding islands with bikeways, highway crossing needs at transit stops, queue jump lanes, transit signal prioritization, bus shelters and other bus stop infrastructure improvements.
- A prioritization methodology for transit supportive infrastructure improvements at specific locations with potential funding opportunities.
- Integration with Statewide and Regional documents and plans, including the California Intercity Bus Study, Caltrans Race and Equity Action Plan…
  - Involve transit providers early in General Plan processes to ensure their alignment with community priorities.
  - Incorporate California planning priorities such as VMT reduction, GHG reduction, active transportation, equity and complete streets goals in City transportation and transit planning. This is accomplished by offering residents viable non-automobile travel choices (bike, ped and transit).
- Recommendations for transit performance objectives for City, regional, and interregional service.
- Aim to increase transit ridership by involving developer/residential and employer programs through general plan visions and goals that incentivize and reward public transit usage. This could be in the form of reduced rent, subsidies, reimbursements, or pre-tax payroll reductions.

High quality public transportation can make communities more equitable by increasing access to critical destinations such as employment, healthcare, and vital social services for low-income individuals and communities.

Local road networks/connectivity
Though highways were originally conceived as intercity or rural-serving facilities, today in most places they facilitate mostly local and intraregional travel. The large volume of short-distance traffic is both a problem – it undercuts highways' original purpose, for example by delaying intercity or farm-to-market freight in traffic – and an opportunity. In many cases local travelers use the State Highway System (SHS) for short trips because local networks are incomplete or disconnected. Creating better-connected, multimodal networks off the SHS offers options for travelers to make more direct trips, sometimes by non-auto modes, reducing not only VMT but pressures to add expensive highway capacity. The planning literature cites "intersection density" as a measure of connectivity, and one that indicates lower VMT. Assisting owner-operators of local networks could thus reduce the need for highway capacity and mitigation and may provide mitigation opportunities where needed as well.

<u>Factors to consider</u>:
- Origins and destinations of travelers in a corridor or on a facility.
- Gaps and other identified needs in the local modal networks.

Ways to measure impacts:

- Needs and gaps can be demonstrated through the use of big data, to examine origins and destinations of travelers, and circuity of routing. Where travelers are diverting significantly from direct routes, or where they are nearly all driving despite origins and destination that are close by, improvements in the auto and active transportation networks are worth considering.
- Accessibility tools can measure gaps in the multimodal systems as well, comparing existing accessibility to ideal accessibility where origins and destinations are linked directly.
- Local network improvements could help to reduce the need for capacity increasing improvements on the SHS and are more likely to be screened out of an analysis for induced VMT.

Traffic Operations and Transportation Safety

Caltrans has a vision to eliminate fatalities and serious injuries on California's roadways by 2050 and provide safer outcomes for all communities. We encourage the City to help realize this vision by committing to the following:

- Adopt a safety-first mindset that prioritizes road safety.
- Prioritize the elimination of fatal and serious injury crashes through existing safety improvement programs along with development and implementation of new programs to enhance the safe use of our roadways.
- Eliminating race-, age-, ability- and mode-based disparities in road safety outcomes.

We recommend that the City include a discussion about traffic safety and traffic safety goals in the Transportation and Circulation Element of the General Plan/Project. If the City is not already actively engaged in monitoring progress toward zero deaths, we recommend including an examination of Actual Collision Rates to Average Collision Rates where data is available to help establish priorities for addressing safety.

We encourage the City to include a section in the Transportation and Circulation Element that identifies any future planned, programmed, or potential projects that may benefit traffic safety or related traffic operation improvements.

With the projected increase in population over the time frame of the plan update, we request to review the City's traffic volumes at buildout.

We suggest including a section in the Transportation and Circulation Element that examines signal warrants for any locations expected to be impacted with a significant increase in travel demand. The need for any capital projects, including new intersection traffic control measures, are likely of interest to the Region and the State especially when discretionary funding will be pursued.

Parking Management

Parking management is considered to have a significant influence on Vehicle Miles Traveled. Parking management may be most effective when integrated with multifamily residential or employment land uses, in the form of parking fees or capacity limitations. When coupled with higher density housing or employment, it may be possible to achieve VMT benefits from parking management outside of specific land uses, though the calculations would be more complex. If the City enforces parking minimums for any land use types, etc., and would require exceptions for major capacity limitations.

Factors to consider:
- Standard parking-demand rates (assuming unlimited free parking).
- Type and degree of parking management (extent of capacity limitation, amount of fees).

Ways to measure impacts:
- CAPCOA promotes the use of the "ITE Parking Generation Manual" to reduce VMT by as much as 13.7 percent for limiting free parking for residential land uses if abundant free parking is not otherwise available in the vicinity.
- The use of parking fees or charges at residential land uses can help to reduce VMT by as much as 15.7 percent. For more details, see CAPCOA, pp. 126-9.

CAPCOA's "Quantifying Greenhouse Gas Mitigation Measures" and "Model Policies for Greenhouse Gases in General Plans " can be found online: <http://www.capcoa.org/documents/>.

We welcome the opportunity to assist the City with goals to plan and build a safe, efficient, and sustainable transportation system for City of Arcata residents now and for the future. Please contact me with questions or for further assistance at: (707) 684-6879 or by email at: <jesse.robertson@dot.ca.gov>.

Sincerely,

Jesse G. Robertson

Jesse Robertson
Transportation Planning
Caltrans District 1

c: State Clearinghouse
Netra Khatri, Arcata City Engineer
Beth Burke, Director, Humboldt County Association of Governments
Greg Pratt, General Manager, Humboldt Transit Authority

ARCATA FIRE DISTRICT
OFFICE OF THE FIRE CHIEF

MEMORANDUM

Date: February 24, 2022
To: David Loya, Director, City of Arcata Community Development Department
From: Justin McDonald, Fire Chief
RE: Fire District Response to the City of Arcata Notice of Preparation of an EIR for the Arcata General Plan 2045 and Gateway Area Plan

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The Arcata Fire Protection District (District) received a February 2, 2022 Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Arcata General Plan 2045 and the Gateway Area Plan. The NOP solicited suggestions on analyses and alternatives to be addressed in the EIR. This letter transmits to the City of Arcata recommendations from the Fire District regarding analyses in the EIR that are needed to comprehensively assess the necessary response force required for fire suppression, emergency medical services, and hazards associated with the Arcata General Plan 2045 and Gateway Area Plan.

The draft Gateway Area Plan anticipates an increase in 3500 residential units and unspecified increases in retail and business spaces over the next 20 years. Further, the Gateway Area Plan anticipates buildings of six-, seven-, and eight-stories, these buildings based on their height, would likely fall into the high rise category. Additionally, the Gateway Area Plan anticipates substantial modification of existing roadways in the plan area.

The AFPD concludes that the additional residential units and population anticipated in the Gateway Area Plan is likely to exceed the capacity of the District to ensure safe and effective response to fulfill our obligations. Moreover, the current capacities of the District do not include fire suppression in mid-rise and high-rise buildings. Issues that need addressing include water supply (sufficient water to put out a fire), traffic flows and patterns (space to quickly move fire & EMS vehicles into the Gateway Area), access to buildings, and equipment and staff with appropriate skills/training for high-rise fire suppression.

Analysis of these issues needs to be a component of the EIR, with the EIR providing a recommendation on appropriate staffing and equipment, and analyzing the costs of any anticipated required increases. Since the EIR has the option of including analysis of alternatives, it would be beneficial to conduct the analysis so it compares requirements with alternative height buildings.

Best practices would be to produce a Community Risk Assessment and Standard of Cover (CRA-SOC) report based on nationally recognized guidelines and criteria, for example National Fire Protection Association (NFPA) Standards and Insurance Services Office (ISO) schedules. These analyses and a Standard of Cover could be produced by several consultants that specialize in fire and EMS consulting. The

From:	Justin McDonald
To:	David Loya
Cc:	COM DEV
Subject:	Written comments from AFD for the COA GPU
Date:	Monday, March 07, 2022 3:18:02 PM
Attachments:	image002.png image003.png image004.png image005.png NOP EIR Letter.pdf

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David,

Here is the letter from the Fire District.

JUSTIN MCDONALD
Fire Chief

(707) 825-2000
(707) 298-5319
jmcdonald@arcatafire.org
www.arcatafire.org

"Every Effort. Every Hour. Every Call."

EIR Scoping Comments

Community

Public Scoping meeting notes

March 10, 2022

- 15 community participants, including two organizations (HCAOG and NorCal for Health)
- Two staff (Loya, Freitas) and Misha Schwarz representing GHD.

Summary of Comments provided:

- Questions about City growth projections--how that aligns with Cal Poly Humboldt projections related to our area. Are we tracking actual growth based on our Housing Element Annual Progress Report?
- What is the maximum capacity of our wastewater system? How do we accommodate additional users to the system?
- How will future growth in different locations throughout the City impact existing residential neighborhoods?
- Will an Environmental Impact Report (EIR) be prepared for both the General Plan and the Gateway Area Plan together?
- How do all of the updates to various General Plan Elements fit together? What about a climate element? An environmental justice element? How do all these updates fit together and what is the timeline?
- Is Gateway Area in Tsunami Zone? Earthquake hazard zone?
- Will the Humboldt County Climate Action Plan be analyzed with the General Plan Update CEQA review? Will it be analyzed alongside the EIR?
- How do we should ensure we have adequate service capacity and room for new CalPoly Humboldt students?
- Will wetlands in the Gateway area be impacted? Will there be a detailed map of wetlands provided?
- What alternatives to the area plan will be considered as part of the EIR process?
- Will the proposed updates to the road structure create hazards due to traffic? What will be the projected growth impacts to circulation?

March 4, 2022

David Loya, Director
Community Development Department
City of Arcata
736 F Street
Arcata, CA 95521

via email: dloya@cityofarcata.org

RE: Notice of Preparation of a Draft Environmental Impact Report for Arcata General Plan 2045 and Gateway Area Plan

Director Loya:

Thank you for the opportunity to respond to the Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Arcata General Plan 2045 and Gateway Area Plan. As you know, we are in strong support of the Gateway Area Plan, and we look forward to supporting various improvements in the broader General Plan update as well. However, we do believe that there are a number of issues critical to both the success of the plans and their environmental impacts which must be fully addressed in the EIR prior to plan adoption. Therefore, and pursuant to the procedures of the California Environmental Quality Act (CEQA), this letter offers comments on the potential scope and contents of the future EIR.

We request full consideration of the following topics, and answers to the following questions, in the EIR:

- **Climate crisis.** How will the General Plan and Gateway Area Plan affect local greenhouse gas (GHG) emission levels? If Arcata's population is projected to increase, which we understand to be the case, how will the plans affect the *per capita* GHG emissions of current and future residents?
- **Sea level rise.** When will rising sea levels and attendant flooding affect areas within the City limits, and particularly the Gateway area, under a variety of assumptions reflecting the reasonable range of possible future conditions? How will the General Plan and the Gateway Area Plan address these risks through shoreline defense, managed retreat, and/or patterns of future development?
- **Consistency with other local plans.** The City of Arcata falls under the jurisdiction of the Regional Transportation Plan 2022-2042 (also called "VROOM: Variety in Rural Options of Mobility") prepared by the Humboldt County Association of Governments and the Comprehensive Action Plan for Energy 2019 Update (also called "RePower Humboldt") prepared by the Redwood Coast Energy Authority. How will the General Plan and the Gateway Area Plan ensure consistency with these plans and progress toward their various goals and targets, including but not limited to the Regional Transportation Plan's Safe and Sustainable Transportation Targets?
- **Environmental justice and equity.** Many areas of Arcata have household incomes less than 80% of the statewide median income, and at least some of these areas are likely disproportionately burdened by pollution due to their locations relative to highways and legacy pollution sources. Therefore, we believe that Arcata is required to incorporate an Environmental Justice Element into its General Plan pursuant to SB 1000. What impacts will the General Plan and the Gateway Area Plan have on disadvantaged communities' pollution exposure, physical activity/road safety, public facilities, housing and population, access to safe and affordable housing, and other aspects covered by both SB 1000 and CEQA?
- **Wastewater treatment.** How will the General Plan and the Gateway Area Plan affect the City's current wastewater treatment system and future plans for adapting, upgrading, and/or relocating wastewater treatment facilities? How will the plans affect the water quality of effluent from the City's wastewater treatment facilities and of stormwater runoff into Humboldt Bay and other local bodies of water?
- **Seismic activity and soil liquefaction.** How will the General Plan and the Gateway Area Plan affect risks to local life and safety, as well as environmental risks, from seismic activity and attendant soil liquefaction?
- **Transportation safety.** How will the General Plan and the Gateway Area Plan affect the risk of injury and death for users of the City's transportation system, particularly its most vulnerable users - those walking, biking or rolling on local streets and roads?
- **Vehicle miles traveled.** How will the General Plan and Gateway Area Plan affect local vehicle miles traveled (VMT)? If Arcata's population is projected to increase, which we understand to be the case, how will the plans affect the *per capita* VMT emissions of current and future residents?
- **Wild and working lands.** How will the General Plan and the Gateway Area Plan affect wild and working lands, including forests, farmlands, wetlands and riparian areas, both

within City limits and outside of them? In particular, how will the plans affect conversion and/or protection of these lands?

- **Green building.** How will the General Plan and the Gateway Area Plan affect the energy use of local buildings and the GHG emissions from those buildings? How will the plans affect the amount of distributed generation of electricity from installations on or around local buildings and address any reduction in such generation from, for example, shading of existing solar panels?

Thank you for your consideration.

Colin Fiske
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Matt Simmons
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From: Gregory Daggett
To: COM DEV
Subject: CEQA Environmental Impact Report Questions Gateway Area Project City of Arcata
Date: Sunday, March 06, 2022 10:11:58 PM

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California Environmental Quality Act & Environmental Impact Report. The study is based on standard checklists covering topics such as air quality, traffic, and noise. The environmental effects of a project will cause substantial adverse effects on human beings, either directly or indirectly. The EIR shall also analyze any significant environmental effects the project might cause or risk exacerbating by bringing development and people into the area affected. The Noise Element is required by California cities and counties (Government Code Section 65302) It falls under the California General Plan Guidelines. Local governments must analyze and quantify noise levels, and the extent of noise exposure, through actual measurements. Under Government code section 65302(f) Noise Element Requirement primary arterial and major streets such H and 16th streets, G street, K street, to be monitored and noise research be done such as Average daily level of activity (traffic volume per days of the week, and seasonal variations. Distribution of activity over day and night time periods, day of the week, and seasonal variations. Average noise level emitted by the source.

Will the City of Arcata CEQA Environmental Impact Reporting be conducting a study on the Noise Element on the thousands of cars that will be increasing the air, noise pollution for residents on H and 16th,G,K streets and part of the Environmental Justice in local use planning (SB10001) ? The City of Arcata is not currently in compliance with the noise element. What actions are they going to take now and in the future to comply with the laws of the State of California? Will the City of Arcata be conducting a study of the wastewater discharge of 3,500 units into the Arcata Bay? Do we know what the current wastewater effects on the environment in Arcata Bay? What will the costs of the existing users be though fees such as infrastructure, fire, police, water and wastewater services?How will the City of Arcata be conducting a storm water prevention program when the streets are covered with parked cars in the Gateway Area Plan. This is currently a problem when a street sweeper cannot clean the streets because of parked cars. Tons of trash in the streets are washed down the storm drains each year into wetlands, rivers, and the ocean. Does the City of Arcata have enough off street parking for 3,5000 units in the Gateway Area Plan and parking for economic activity in the area? The majority of people living in the Gateway area will need a car to drive to a job somewhere in Humboldt. Why did the City of Arcata Gateway Plan not address having a large section of the area for future jobs/industry? H street in Arcata is not a safe street to cross for pedestrians, and in the future there will be a large Cal Poly HSU student body using the 18th street pedestrian bridge and thousands of additional cars. How is the City of Arcata going to make this safe for everyone on H and G streets? The Circulation system of traffic flow using the H street and G street for exiting and entering 101 North freeway is a disaster. The quality of life for people living on these busy streets in the future will be unbearable with the increase in air pollution and noise. This is a violation of SB1000 Environmental Justice in local planning. How is the City of Arcata going to prevent Gentrification from happening?Example People in Wynwood Miami, an area that had over 70 art galleries, museums,and art studios had their rents increase to the point that most of them had to leave the area. All that remained were bars and restaurants that brought a lot of traffic, parking problems and trash to the area.

Why does the City of Arcata simply plan the future housing developments in an area of the city that has zero chance of sea level rise and a tsunami zone? The City of Arcata should keep the Gateway Plan Area a place for jobs and light industry and build the future housing on safe high ground and not risk the new housing being wiped out by a tsunami and sea level rise.

From: Gregory Daggett
To: COM DEV
Subject: CEQA Questions Tsunami Zone Gateway Area, City of Arcata
Date: Sunday, March 06, 2022 11:08:43 PM

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The National Oceanic and Atmospheric Administration (NOAA) Tsunami Hazard Mapping shows most of the Arcata Gateway Area Plan in a Tsunami Zone. Why would the City of Arcata risk the lives of people constructing 3,500 new residential units in a Tsunami Zone?

The Great East Japan Earthquake and tsunami resulted in over 18,000 dead on March 11, 2011. The magnitude 9.1 earthquake struck off the north coast of Honshu on the Japan Trench. A tsunami wave 133 feet in height that was generated by the earthquake arrived at the coast within 30 minutes, topping seawalls and disabling three nuclear reactors within days. In the Sendi area the waves traveled at 435 mph and up to 6 miles inland. Initially, the earthquake caused the sinking of part of Honsh's pacific coast up to 3 feet. In north eastern Japan a 250 mile stretch of coastline dropped vertically by 2 ft allowing the tsunami to travel farther and faster onto land. Housing that was built in areas that were safe, ended up in the tsunami zone. Soil liquefaction was evident in areas of reclaimed land.

Northern California coast is the most earthquake and tsunami prone area of the continental United States.

Is the City of Arcata using the research and data from the Great East Japan Earthquake and Tsunami to be used in the data for the Gateway Area Project Risk/Analysis?

estimated cost of the study would be around $60,000 and would likely take several months to complete.

To conclude, I can say without a doubt that that any future development of this magnitude, with the development of this plan will be an impact on our already understaffed organization and potentially to the north bay region’s fire service. Unfortunately, at this point, I do not have enough information regarding the Gateway Area Plan to properly make recommendations on the mitigation of the direct and indirect impacts this project will have on my organization.

From: James Becker
To: David Loya; COM DEV
Subject: Fwd: Suggestions for Areas of Concern to Include in Gateway Project EIR
Date: Monday, March 07, 2022 4:58:54 PM

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Hi Director Loya

Gateway Project EIR

- Noise impacts on surrounding residences
  - Please refer to Noise Element of Arcata's General Plan - see Table N-1 with decibel limits for new projects and retrofits and referenced in policy N-2D
  - Building design (height, balconies, common areas, number/size of windows)
    - Any openings / penetrations may increase ambient noise, especially in evening hours.
    - Taller buildings may allow for further unimpeded noise projection affecting residence further away from project area.
    - Potential to reflect/amplify road noise from nearby freeway?
    - Effect on interior noise when taller buildings are unimpeded from incoming noise

- Impact on migratory birds
  - The Gateway project may inadvertently increase risk to migratory birds due to proximity of nearby marsh areas
    - *The potential impact on migratory birds should be reviewed as part of the EIR*
  - For reference, please refer to the document "Bird Safe Building Guidelines" issued by the Minnesota Audubon Society for recommendations to reduce bird deaths caused by collisions with buildings
    - Building Design (height/lighting)
      - Low to mid rise buildings is where most of the bird collisions occur
      - Concerns related to lighting on taller buildings (relative to surrounding areas) confusing birds at night.
      - Migratory birds frequently travel at night
      - Risk is increased in areas prone to fog and low clouds
      - Risk of collision during day may be effected by type glass used (Low E, Etched or Fritted glass reduce risk)
      - Please see the Audubon document for suggestions on on lighting, window glass and other aspects of building design
    - Building location
      - Risk to birds may be increased if buildings are located at/near southern end of project zone (closest to marsh and wetlands)

- Wastewater plant capacity
  - Does existing plant location have sufficient space/capability to handle expansion necessary

to meet full project needs
    - At minimum is expansion even feasible?
        - Maximum increase of approximately 2000 fixtures after phase 4 of improvements.
    - Future location for plant if current plant is undersized?

- Construction impacts on nearby coastal zone wetlands (in western and southern areas of the project zone)
    - Distance from wetlands necessary to mitigate impact
    - Overall issue of construction within coastal zone.
    - Effects of run off during and after construction.

Thanks
James Becker

From: James Becker
To: David Loya
Cc: COM DEV; James Bckr
Subject: Identification of Wetland on the L st Corridor
Date: Monday, March 07, 2022 5:11:40 PM
Attachments: 156-171-CDP City Ditch_L St_SR complete.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Subject: RE: Identification of Wetland on the L st Corridor

I recommend that specific wetlands be mapped and impact mitigation be legally required in the future for individual developments

---

Subject: Identification of Wetland on the L st Corridor



This is a section of the Gateway's Figures 6 existing creeks page 58. This section boarders between 10 th to the north, Samoa to the South, Q St to the west and the L st corridor to the east.

I chose this because of what appears to be a lot of riparian/ wetland.

First Lst south of 7 th contains the linear ditch that is identified in an attached document.

There is strip between Wings north property line and Tom Perot's south line. The line between Tom Perot's and Fed Ex appears to be some wetlands with some old established trees. The space south of FedEx and to the west of Tom Perots and Wing inflatables has a number of wetlands wetland including The Old Schmidbauer Log Pond.

> I recommend that known ESHAs (environmentally sensitive habitat areas)should be mapped in the plan.
>
> > It would be appropriate for the gateway plan (area plan or specific plan) to identify known natural areas and

sensitive habitat like the L st wetland , the Schmidbauer log pond , jolly giant creek corridor and create a " wetland - creek combining zone" or other open space identifier and include the include required municipal code setbacks because those features are constraints.

Any particular development must address wetlands
There is a no net loss of wetlands policy that cannot be waived. So no mater what the zoning is changed to, the Wetland protection measures must be adhered to .

The document that identifies the drainage on L st as a State jurisdictional wetlands.
Also it Identifies in the Revegetation Plan: Although the site visit with DFW biologist resulted in no evidence of northern red-legged frogs actively breeding within the ditches, there is some habitat for amphibians. Revegetation Plan shall preserve some open and less shaded habitat and shall include planting with shorter-stature native plants like Juncus effuses. Is the DWF original report still available?
Thanks
James Becker

STAFF REPORT
Zoning Administrator
March 17, 2016

TO: **Zoning Administrator**
FROM: **Alyson Hunter, Senior Planner**
DATE: **February 29, 2016**
SUBJECT: **Consider approval of a Coastal Development Permit for:** City of Arcata Drainage Ditch Maintenance, Between L Street and Samoa Blvd; APNs 021-191-003, 021-201-004, File Number 156-171-CDP.

STAFF RECOMMENDATION: Staff recommends that the Zoning Administrator (ZA) consider the following:

1. Staff Recommendation: (1) Receive a staff report; (2) Open the public hearing; and (3) Approve the project as conditioned and adopt the Class 1 (§15301 – Existing Facilities) and Class 4 (§15304 – Minor Alterations to Land) CEQA Categorical Exemptions as proposed.

INTRODUCTION: The proposed project is to maintain an existing drainage ditch within the Coastal zone. The ditch is located between the southern terminus of L Street and Samoa Blvd, west of 5th, 6th and 7th Streets.

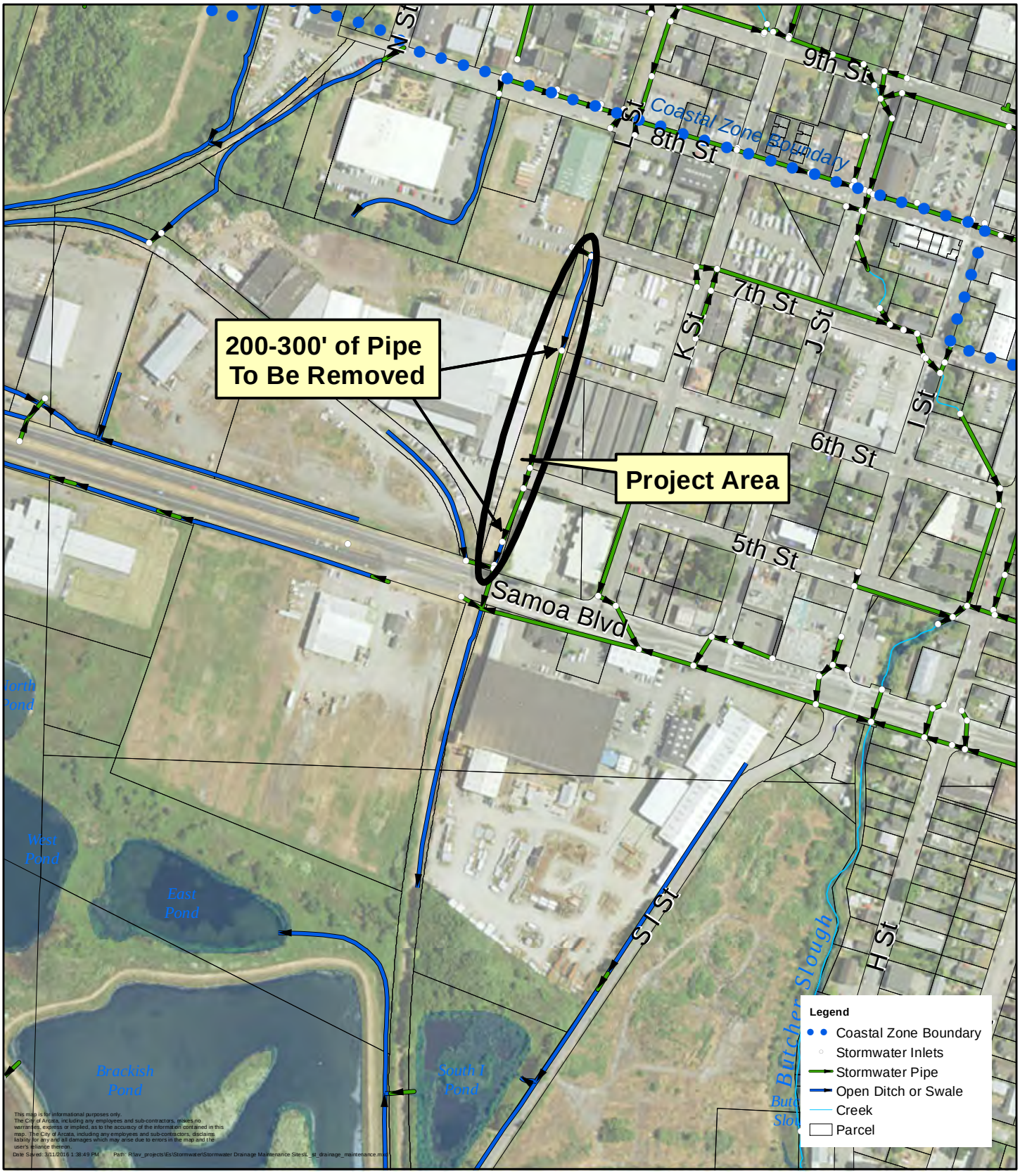
DISCUSSION: Work will include removing sediment and vegetation with a backhoe and the removal of approximately 200-300 linear feet of old failing storm drain pipe which will daylight the drainage feature. The work will incorporate low impact development (LID) features. Implementation of the project will eliminate localized flooding. All work will take place during the dry weather season when no water is present. Standard Best Management Practices will be incorporated. The property is planned and zoned Industrial Commercial (I-C).

Although the project contains State jurisdictional wetlands, the project is to maintain an existing drainage feature to provide flood control, and is therefore consistent with Sections 30233(4) and 30236 of the California Coastal Act and Section IV-4(a) of Arcata's Certified Local Coastal Program. Because impacts will be temporary, no mitigation is proposed. The Dept. of Fish & Wildlife (DFW) determined, through project review and a site visit with City Staff on February 22, 2016, that the project does not require a Lake or Streambed Alteration Agreement from that office.

ENVIRONMENTAL REVIEW: The project can be considered categorically exempt from environmental review under Class 1, Section 15301 (Existing Facilities); Class 4, Section 15304 (Minor Alterations to Land) of the State CEQA Guidelines.

Attachments

A. Site Plan
B. Staff Recommended Action
    1. Ex A - Project Findings
    2. Ex B – Project Conditions of Approval



City of Arcata
Environmental Services

L Street Drainage Maintenance

0 50 100 200
Feet

ARCATA

CITY OF ARCATA
Draft - **ACTION OF THE ZONING ADMINISTRATOR**

ACTION: Following a public hearing conducted on March 17, 2016, the Zoning Administrator approved the Coastal Development Permit for stormwater drainage ditch maintenance located between L Street and Samoa Blvd, west of the western terminus of 5th, 6th and 7th Streets, and based on Conditions of Approval.

Project: Work will include removing sediment and vegetation with a backhoe. Additionally, approximately 200-300 linear feet of the old failing storm drain pipe will be removed to incorporate low impact development (LID) stormwater features. Implementation of the project will eliminate localized flooding. Sediment and vegetation removal will take place during the dry weather season, and removal of the pipes will take place when no water is present. Standard Best Management Practices will be incorporated. The property is planned and zoned Industrial Commercial (I-C).

Although the project contains State jurisdictional wetlands, the project is to maintain an existing drainage feature to provide flood control, and is therefore consistent with Sections 30233(4) and 30236 of the California Coastal Act and Section IV-4(a) of Arcata's Certified Local Coastal Program. Because impacts will be temporary, no mitigation is proposed. The Dept. of Fish & Wildlife (DFW) determined, through project review and a site visit with City Staff on February 22, 2016, that the project does not require a Lake or Streambed Alteration Agreement from that office.

Application Type: Coastal Development Permit

Location: Between L Street and Samoa Blvd, west of the western terminus of 5th, 6th and 7th Streets

Property Owner / Applicant: North Coast Railroad Authority (NCRA)/ City of Arcata

File Number: 156-171-CDP **Zoning:** n/a (Railroad ROW) **General Plan:** n/a (Railroad ROW)

Coastal Status: In the Coastal Zone.

Environmental: The project can be considered categorically exempt from environmental review under Class 1, Section 15301 (Existing Facilities); Class 4, Section 15304 (Minor Alterations to Land) of the State CEQA Guidelines.

Permit Expiration and Activation. This permit shall expire within 24 months from the date of its approval unless said permit is activated. This permit may be extended only as permitted by Arcata Land Use Code (LUC) §9.79.070 Permit Time Limits, Extensions and Expiration, or its equivalent.

Appeals. The actions described herein may be appealed as outlined in Arcata's Land Use Code. Appeals shall be filed with the City Clerk within ten (10) working days following the date of this Action. Appeals shall be submitted on the prescribed form, state the reasons for the appeal, and include the filing fee set by the City Council. Appeal period ends at 5:00 pm on March 31, 2016.

Effective Date: This permit becomes effective on the next working day after the appeal period.

Date Approved: March 17, 2016

ATTEST: _____
Larry P. Oetker,
Community Development Director

FINDINGS AND CONDITIONS OF APPROVAL OF THE ZONING ADMINISTRATOR
File Number: 156-171-CDP
(APNs 021-191-003, 021-201-004, located between L Street and Samoa Blvd)

I. FINDINGS.

A. Per Section 1-0408.4 (Findings) of the City's Certified Local Coastal Plan (LCP), a Coastal Development Plan may only be granted if the development conforms with the certified LCP. In addition, for development between the nearest public road and the sea or the shoreline of any body of water located with the coastal zone shall includes a specific finding that the development is in conformity with the public access and public recreation policies of Chapter 3 of the Coastal Act. [As amended by Ordinance 1246]

The project is for the maintenance of an existing City drainage ditch adjacent to the City's Rail with Trail. Maintenance includes day-lighting a portion of the ditch through the removal of 200-300 feet of pipe as well as general vegetation removal and activities to improve stormwater flow. The ditch is located within the Coastal Zone. The site is not between the first public road and the sea nor will it impede public access or recreation opportunities relating to the coast.

II. CONDITIONS OF APPROVAL

A. AUTHORIZED DEVELOPMENT: Approval is granted for:

The removal of 200-300 feet of pipe and general ditch maintenance of the existing drainage facility located between the southern terminus of L Street and Samoa Blvd. This authorized development is conditioned as follows.

The property owner/applicant is responsible for having read and understood these Conditions of Approval and shall have these conditions attached to all building/grading permits or other contracts associated with the authorized development.

B. PROJECT SPECIFIC CONDITIONS:

ARCATA FIRE DISTRICT

1. n/a

BUILDING DEPARTMENT

2. **Grading Permit.** A Grading Permit shall be issued by the City's Building Official prior to the commencement of maintenance activities.

3. **Pacific Gas & Electric Notification.** At least 72 hours prior to commencement of digging, City Staff shall contact Kevin Pelascini, PG&E Gas Supervisor, at 499-5356, to schedule a PG&E inspector to be onsite as needed.

COMMUNITY DEVELOPMENT DEPARTMENT

4. **Revegetation Plan.** Although the site visit with DFW biologist resulted in no evidence of northern red-legged frogs actively breeding within the ditches, there is some habitat for amphibians. Revegetation Plan shall preserve some open and less shaded habitat and shall include planting with shorter-stature native plants like *Juncus effuses* or *patens*.

ENVIRONMENTAL SERVICES

5. n/a

ENGINEERING DEPARTMENT

6. n/a

C. GENERAL PERMIT CONDITIONS:

IMPORTANT INFORMATION REGARDING STANDARD CONDITIONS: The property owner/applicant is responsible for having read and understood the following information:

1. **Minor Modifications**. Minor deviations from approved plans may be approved by the Director of the Community Development Department.

2. **Construction Hours.** The General Plan *Noise Element* Policy N-5d, limits the operation of tools or equipment used in construction, drilling, repair, alteration or demolition to the hours between 8 a.m. and 7 p.m. Monday through Friday, and between 9 a.m. and 7 p.m. on Saturdays. No heavy equipment related construction activities shall be allowed on Sundays or holidays.

3. **Dust Control during Construction**:

    1. Water all active construction areas twice per day and use erosion control measures to prevent water runoff containing silt and debris from entering the storm drain system.
    2. Cover trucks hauling soil, sand, and other loose material.
    3. Pave, water, or apply non-toxic soil stabilizers on unpaved access roads and parking areas.
    4. Sweep paved access roads and parking areas daily.
    5. Sweep streets daily if visible material is carried onto adjacent public streets.

4. **Discovery of Prehistoric or Archaeological Resources.** If cultural resources are encountered during construction activities, the contractor on site shall cease all work in the immediate area and within a 50 foot buffer of the discovery location. A qualified archaeologist, as well as the Tribal Historic Preservation Officers for the Bear River Band Rohnerville Rancheria, Blue Lake Rancheria, and Wiyot Tribe are to be contacted to evaluate the discovery and, in consultation with the applicant and lead agency, develop a treatment plan in any instance where significant impacts cannot be avoided. Prehistoric materials may include obsidian or chert flakes, tools, locally darkened midden soils, groundstone artifacts, shellfish or faunal remains, and human burials. If human remains are found, California Health and Safety Code 7050.5 requires that the County Coroner be contacted immediately at 707-445-7242. If the Coroner determines the remains to be Native American, the Native American Heritage Commission will then be contacted by the Coroner to determine appropriate treatment of the remains pursuant to PRC 5097.98. Violators shall be prosecuted in accordance with PRC Section 5097.99.

5. **Expiration and Activation of Permit**. This permit shall expire within 24 months from the date of its approval unless said permit is activated. "Activated" shall mean when grading/soil disturbing or construction activities authorized by this permit have commenced. This permit may not be extended except as permitted by Arcata Land Use Code (LUC) §9.79.070 Permit Time Limits, Extensions and Expiration, or its equivalent.

6. **APPEALS.** The actions described herein may be appealed per the provisions of Arcata Land Use Code (LUC) Chapter 9.76 Appeals. Appeals shall be filed with the Department or City Clerk, as applicable, within ten (10) business days following the date of the HDRC action that is being appealed per LUC §9.76.030. Appeals shall be submitted on the prescribed form and shall state the reasons for the appeal. The filing fee set by the City Council shall accompany appeals. The appeal period ends 5:00 pm on March 31, 2016.

EFFECTIVE DATE OF THIS ACTION: This permit becomes effective on the next working day after the appeal period.

From:	Aaron de Bruyn
To:	David Loya; Netra Khatri; Emily Sinkhorn; Delo Freitas; Joe Mateer
Subject:	Comments for preparation for the Gateway Plan EIR
Date:	Monday, March 07, 2022 5:00:16 PM

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According to Sibley Guides and the Audubon Society, currently the greatest threats to avian life are collisions with windows and glazing built in and adjacent to natural habitat. Considering with Gateway Plan you are asking for approval to allow developers to erect windowed walls along Jolly Giant Creek, McDaniel Slough, and directly adjacent to the Marsh and Bird Sanctuary, you need to mitigate for this factor. In addition to fatalities from window collision, lighting upper stories contributes to migratory bird confusion. This potentially leads to exhaustion and increased chance of predation.

To satisfy community concern and groups like Redwood Region **Audubon Society and Friends of the Arcata Marsh** you will need to incorporate the Audobon Bird-Safe Building Guidelines (or similar, not written by developers) and monitor the plan area for the presence of migratory birds (during migration season).

The other consideration for the EIR is the ratio of EV charging stations to units built. Currently the plan has no requirements for EV charging as conditions for approval. It essentially relies on developers to make the choices that will bring this community closer to netzero emissions. Therefore Gateway Plan is likely to have a devastating effect on carbon emission levels for the City of Arcata and the cancer-causing pollution associated with those emissions (among other dangers to respiratory and reproductive systems) . Gateway Plan is moving this community to greater fossil fuel emissions, not to mention moving in a similar direction with super-sizing the infrastructure towards sea-level instead of looking to higher ground.

Gateway Plan uses lofty bureaucratic transportation goals to claim that it is an environmentally responsible plan. When those hopes go unrealized, it will ultimately degrade the environment and put the inhabitants of our local ecosystems at risk. It does this by encouraging building in some of the lowest elevations in Arcata that are in and adjacent to migratory bird routes, and increases fossil fuel emissions making it harder to reach netzero emissions.

Please respond to this email to confirm it was actually read, and please ask for clarification if there is something that wasn't made clear.

Aaron DeBruyn
1244 M Street
Arcata, CA 95521

From:	diane ryerson
To:	David Loya
Cc:	COM DEV
Subject:	Comments on GPU, GAP Element
Date:	Sunday, March 06, 2022 10:12:04 PM
Attachments:	Comments City of Arcata GPU, GAP.docx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

David Loya, Community Development Director

Thank you for accepting my comments on the Gateway Area Plan Element of the General Plan Update; they are in the attached file.

Diane Ryerson
1659 I St, Arcata, CA 95521
707-826-7750

Comments on City of Arcata GPU, Gateway Area Plan Element

General support for: infill [higher density] over sprawl [larger residential lots]; connectivity [Cal Poly Humboldt-plaza-creamery and all GAP]; transportation routes and structures that make it safer, easier, faster to move around using non-motorized means [walk, uni- bi- tri-cycle, skateboard]; mixed use over traditional residential separate from commercial; parks, natural vegetation along creeks; 20 year master plan over piecemeal development.

Questions/Concerns/Suggestions

Building heights/multiple story setbacks/incentives for more stories:

- 5 story maximum with one exception [one bldg. in Barrel district with a 6th story for a restaurant with 360 degree view]; the tallest building in the GAP now is the tallest cement bldg. that was part of the old creamery and it appears to be about 5 stories tall;
- Multiple story setbacks should start with the second story on some bldgs and with the third story on others; these can be staggered to increase sunlight and spatial feeling for residents; the setback area could be designed for rooftop gardening;
- Incentives for more stories need to be substantial e.g. mixed types of units within one bldg [some SROs, studios, 1, 2, 3 bedroom apartments with a mix in each story]; adequate EV chargers to service all residents in the bldg; net zero precipitation runoff; energy storage for solar; solar micro-grid development in the Barrel district; incorporate a distributed waste water system so that waste water is not added to the existing marsh system. When the above incentives are more costly for developers, reduce permit fees.

Establish procedures to maintain low cost rents/ownership for all units in GAP.

Zoning/code requirements: electrification of all units [thermal heat pumps and hot water heat pumps that use natural refrigerants because they have the lowest GWP, e.g. carbon dioxide], rooftop solar maximized on all units, insulation of external walls and roofs that exceeds Title 24 requirements, sound deadening insulation for internal walls.

Sea Level Rise (SLR): What are the plans for flooding of creeks which will become more frequent with more atmospheric rivers in conjunction with SLR? What are the plans to handle emerging ground water [SLR pushes up fresh water in the soil]? With the current increasing rate of global GHG emissions, SLR will reach 8 ft probably sooner than expected and will be lapping at the Barrel district edge on Samoa Blvd. What are the plans to handle this? Evacuation routes for earthquakes or tsunamis for 2,000-3,000 more units housing 4,000-6,000 more people?

Diane Ryerson, 1659 I Street, Arcata, CA 95521, 707-826-7750

Appendix C

CalEEMod Output

Arcata General Plan 2045 - Gateway Only Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.3.1. Mitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.4.1. Mitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.5.1. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Arcata General Plan 2045 - Gateway Only
Operational Year	2045
Lead Agency	City of Arcata
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.90
Precipitation (days)	59.2
Location	40.86832279758195, -124.0944198519098
County	Humboldt
City	Arcata
Air District	North Coast Unified APCD
Air Basin	North Coast
TAZ	108
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.12

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	500	Dwelling Unit	13.2	474,500	1.00	—	1,180	—

General Office Building	19.8	1000sqft	0.45	19,750	1.00	—	—	—
Strip Mall	19.8	1000sqft	0.45	19,750	1.00	—	—	—
City Park	1.60	Acre	1.60	0.00	62,726	62,726	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-27	Implement Transit-Supportive Roadway Treatments
Transportation	T-34*	Provide Bike Parking
Transportation	T-37*	Dedicate Land for Bike Trails
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-12-A	Install Alternative Type of Water Heater in Place of Gas Storage Tank Heater in Residences
Energy	E-12-B	Install Electric Space Heater in Place of Natural Gas Heaters in Residences
Energy	E-13	Install Electric Ranges in Place of Gas Ranges
Energy	E-15	Require All-Electric Development
Energy	E-24*	Provide Battery Storage
Energy	E-25*	Install Electric Heat Pumps
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-4*	Recycle Demolished Construction Material
Natural Lands	N-5*	Establish a Local Farmer's Market
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	E-14	Limit Wood Burning Devices and Natural Gas/Propane Fireplaces in Residential Development

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.6	8.97	99.1	0.20	0.24	8.45	8.69	0.24	1.49	1.73	22,750	23,017	27.8	0.98	15.1	24,021
Mit.	28.5	7.53	98.5	0.19	0.12	8.45	8.57	0.12	1.49	1.61	20,896	21,159	27.3	0.97	15.1	22,146
% Reduced	< 0.5%	16%	1%	5%	49%	—	1%	49%	—	7%	8%	8%	2%	1%	—	8%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	26.0	9.52	73.8	0.20	0.23	8.45	8.68	0.22	1.49	1.71	22,637	22,904	27.9	1.04	3.87	23,916
Mit.	25.9	8.09	73.2	0.19	0.11	8.45	8.56	0.10	1.49	1.60	20,783	21,046	27.4	1.03	3.87	22,041
% Reduced	< 0.5%	15%	1%	5%	51%	—	1%	53%	—	7%	8%	8%	2%	1%	—	8%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	26.5	8.65	81.3	0.19	0.22	7.87	8.09	0.22	1.39	1.61	21,382	21,649	27.8	0.95	8.21	22,635
Mit.	26.5	7.21	80.7	0.18	0.11	7.87	7.98	0.11	1.39	1.49	19,528	19,791	27.3	0.93	8.21	20,760
% Reduced	< 0.5%	17%	1%	5%	52%	—	1%	52%	—	7%	9%	9%	2%	1%	—	8%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.84	1.58	14.8	0.03	0.04	1.44	1.48	0.04	0.25	0.29	3,540	3,584	4.61	0.16	1.36	3,747
Mit.	4.83	1.32	14.7	0.03	0.02	1.44	1.46	0.02	0.25	0.27	3,233	3,277	4.52	0.15	1.36	3,437

% Reduced	< 0.5%	17%	1%	5%	52%	—	1%	52%	—	7%	9%	9%	2%	1%	—	8%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.4	7.11	68.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,412	19,412	0.70	0.87	11.5	19,699
Area	18.1	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Energy	0.09	1.58	0.74	0.01	0.13	—	0.13	0.13	—	0.13	3,205	3,205	0.37	0.03	—	3,222
Water	—	—	—	—	—	—	—	—	—	—	49.6	86.2	3.77	0.09	—	207
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	28.6	8.97	99.1	0.20	0.24	8.45	8.69	0.24	1.49	1.73	22,750	23,017	27.8	0.98	15.1	24,021
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.5	7.95	73.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,383	19,383	0.75	0.92	0.30	19,677
Area	15.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.09	1.58	0.74	0.01	0.13	—	0.13	0.13	—	0.13	3,205	3,205	0.37	0.03	—	3,222
Water	—	—	—	—	—	—	—	—	—	—	49.6	86.2	3.77	0.09	—	207
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	26.0	9.52	73.8	0.20	0.23	8.45	8.68	0.22	1.49	1.71	22,637	22,904	27.9	1.04	3.87	23,916
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.74	6.94	65.7	0.18	0.09	7.87	7.96	0.09	1.39	1.48	18,087	18,087	0.67	0.83	4.64	18,355

Area	16.7	0.14	14.9	< 0.005	0.01	—	0.01	0.01	—	0.01	40.9	40.9	< 0.005	< 0.005	—	41.0
Energy	0.09	1.58	0.74	0.01	0.13	—	0.13	0.13	—	0.13	3,205	3,205	0.37	0.03	—	3,222
Water	—	—	—	—	—	—	—	—	—	—	49.6	86.2	3.77	0.09	—	207
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	26.5	8.65	81.3	0.19	0.22	7.87	8.09	0.22	1.39	1.61	21,382	21,649	27.8	0.95	8.21	22,635
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.78	1.27	12.0	0.03	0.02	1.44	1.45	0.02	0.25	0.27	2,994	2,994	0.11	0.14	0.77	3,039
Area	3.05	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79
Energy	0.02	0.29	0.13	< 0.005	0.02	—	0.02	0.02	—	0.02	531	531	0.06	< 0.005	—	534
Water	—	—	—	—	—	—	—	—	—	—	8.20	14.3	0.62	0.01	—	34.3
Waste	—	—	—	—	—	—	—	—	—	—	0.00	38.1	3.81	0.00	—	133
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	4.84	1.58	14.8	0.03	0.04	1.44	1.48	0.04	0.25	0.29	3,540	3,584	4.61	0.16	1.36	3,747

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.4	7.11	68.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,412	19,412	0.70	0.87	11.5	19,699
Area	18.1	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Energy	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	1,356	1,356	0.21	0.02	—	1,368
Water	—	—	—	—	—	—	—	—	—	—	44.6	77.6	3.39	0.08	—	187
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	28.5	7.53	98.5	0.19	0.12	8.45	8.57	0.12	1.49	1.61	20,896	21,159	27.3	0.97	15.1	22,146

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.5	7.95	73.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,383	19,383	0.75	0.92	0.30	19,677
Area	15.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	1,356	1,356	0.21	0.02	—	1,368
Water	—	—	—	—	—	—	—	—	—	—	44.6	77.6	3.39	0.08	—	187
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	25.9	8.09	73.2	0.19	0.11	8.45	8.56	0.10	1.49	1.60	20,783	21,046	27.4	1.03	3.87	22,041
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.74	6.94	65.7	0.18	0.09	7.87	7.96	0.09	1.39	1.48	18,087	18,087	0.67	0.83	4.64	18,355
Area	16.7	0.14	14.9	< 0.005	0.01	—	0.01	0.01	—	0.01	40.9	40.9	< 0.005	< 0.005	—	41.0
Energy	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	1,356	1,356	0.21	0.02	—	1,368
Water	—	—	—	—	—	—	—	—	—	—	44.6	77.6	3.39	0.08	—	187
Waste	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Total	26.5	7.21	80.7	0.18	0.11	7.87	7.98	0.11	1.39	1.49	19,528	19,791	27.3	0.93	8.21	20,760
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.78	1.27	12.0	0.03	0.02	1.44	1.45	0.02	0.25	0.27	2,994	2,994	0.11	0.14	0.77	3,039
Area	3.05	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79
Energy	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	224	224	0.03	< 0.005	—	226
Water	—	—	—	—	—	—	—	—	—	—	7.38	12.8	0.56	0.01	—	30.9
Waste	—	—	—	—	—	—	—	—	—	—	0.00	38.1	3.81	0.00	—	133
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	4.83	1.32	14.7	0.03	0.02	1.44	1.46	0.02	0.25	0.27	3,233	3,277	4.52	0.15	1.36	3,437

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.41	5.01	47.9	0.13	0.07	5.89	5.96	0.07	1.04	1.11	13,550	13,550	0.49	0.61	8.05	13,751
General Office Building	0.53	0.38	3.64	0.01	0.01	0.46	0.46	0.01	0.08	0.09	1,053	1,053	0.04	0.05	0.63	1,068
Strip Mall	2.43	1.72	16.6	0.05	0.02	2.09	2.11	0.02	0.37	0.39	4,791	4,791	0.17	0.21	2.85	4,860
City Park	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	19.2	19.2	< 0.005	< 0.005	0.01	19.5
Total	10.4	7.11	68.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,412	19,412	0.70	0.87	11.5	19,699
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.53	5.60	51.4	0.13	0.07	5.89	5.96	0.07	1.04	1.11	13,529	13,529	0.53	0.65	0.21	13,736
General Office Building	0.54	0.42	3.89	0.01	0.01	0.46	0.46	0.01	0.08	0.09	1,051	1,051	0.04	0.05	0.02	1,067
Strip Mall	2.47	1.92	17.7	0.05	0.02	2.09	2.11	0.02	0.37	0.39	4,783	4,783	0.18	0.22	0.07	4,854
City Park	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	19.1	19.1	< 0.005	< 0.005	< 0.005	19.4
Total	10.5	7.95	73.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,383	19,383	0.75	0.92	0.30	19,677
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartment Mid Rise	1.29	0.91	8.60	0.02	0.01	1.02	1.03	0.01	0.18	0.19	2,134	2,134	0.08	0.10	0.55	2,166
General Office Building	0.07	0.05	0.52	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	132	132	< 0.005	0.01	0.03	134
Strip Mall	0.41	0.30	2.86	0.01	< 0.005	0.35	0.35	< 0.005	0.06	0.07	727	727	0.03	0.03	0.19	737
City Park	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.67	1.67	< 0.005	< 0.005	< 0.005	1.69
Total	1.78	1.27	12.0	0.03	0.02	1.44	1.45	0.02	0.25	0.27	2,994	2,994	0.11	0.14	0.77	3,039

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.41	5.01	47.9	0.13	0.07	5.89	5.96	0.07	1.04	1.11	13,550	13,550	0.49	0.61	8.05	13,751
General Office Building	0.53	0.38	3.64	0.01	0.01	0.46	0.46	0.01	0.08	0.09	1,053	1,053	0.04	0.05	0.63	1,068
Strip Mall	2.43	1.72	16.6	0.05	0.02	2.09	2.11	0.02	0.37	0.39	4,791	4,791	0.17	0.21	2.85	4,860
City Park	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	19.2	19.2	< 0.005	< 0.005	0.01	19.5
Total	10.4	7.11	68.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,412	19,412	0.70	0.87	11.5	19,699
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.53	5.60	51.4	0.13	0.07	5.89	5.96	0.07	1.04	1.11	13,529	13,529	0.53	0.65	0.21	13,736
General Office Building	0.54	0.42	3.89	0.01	0.01	0.46	0.46	0.01	0.08	0.09	1,051	1,051	0.04	0.05	0.02	1,067

Strip Mall	2.47	1.92	17.7	0.05	0.02	2.09	2.11	0.02	0.37	0.39	4,783	4,783	0.18	0.22	0.07	4,854
City Park	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	19.1	19.1	< 0.005	< 0.005	< 0.005	19.4
Total	10.5	7.95	73.1	0.19	0.10	8.45	8.55	0.09	1.49	1.59	19,383	19,383	0.75	0.92	0.30	19,677
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	1.29	0.91	8.60	0.02	0.01	1.02	1.03	0.01	0.18	0.19	2,134	2,134	0.08	0.10	0.55	2,166
General Office Building	0.07	0.05	0.52	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	132	132	< 0.005	0.01	0.03	134
Strip Mall	0.41	0.30	2.86	0.01	< 0.005	0.35	0.35	< 0.005	0.06	0.07	727	727	0.03	0.03	0.19	737
City Park	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.67	1.67	< 0.005	< 0.005	< 0.005	1.69
Total	1.78	1.27	12.0	0.03	0.02	1.44	1.45	0.02	0.25	0.27	2,994	2,994	0.11	0.14	0.77	3,039

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	892	892	0.14	0.02	—	901
General Office Building	—	—	—	—	—	—	—	—	—	—	233	233	0.04	< 0.005	—	235
Strip Mall	—	—	—	—	—	—	—	—	—	—	92.1	92.1	0.01	< 0.005	—	93.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,217	1,217	0.20	0.02	—	1,229

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	892	892	0.14	0.02	—	901
General Office Building	—	—	—	—	—	—	—	—	—	—	233	233	0.04	< 0.005	—	235
Strip Mall	—	—	—	—	—	—	—	—	—	—	92.1	92.1	0.01	< 0.005	—	93.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,217	1,217	0.20	0.02	—	1,229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	148	148	0.02	< 0.005	—	149
General Office Building	—	—	—	—	—	—	—	—	—	—	38.5	38.5	0.01	< 0.005	—	38.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	15.3	15.3	< 0.005	< 0.005	—	15.4
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	201	201	0.03	< 0.005	—	203

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	884	884	0.14	0.02	—	893

General Office Building	—	—	—	—	—	—	—	—	—	—	218	218	0.04	< 0.005	—	220
Strip Mall	—	—	—	—	—	—	—	—	—	—	85.2	85.2	0.01	< 0.005	—	86.0
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,187	1,187	0.19	0.02	—	1,199
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	884	884	0.14	0.02	—	893
General Office Building	—	—	—	—	—	—	—	—	—	—	218	218	0.04	< 0.005	—	220
Strip Mall	—	—	—	—	—	—	—	—	—	—	85.2	85.2	0.01	< 0.005	—	86.0
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,187	1,187	0.19	0.02	—	1,199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	146	146	0.02	< 0.005	—	148
General Office Building	—	—	—	—	—	—	—	—	—	—	36.0	36.0	0.01	< 0.005	—	36.4
Strip Mall	—	—	—	—	—	—	—	—	—	—	14.1	14.1	< 0.005	< 0.005	—	14.2
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	197	197	0.03	< 0.005	—	198

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.08	1.42	0.60	0.01	0.11	—	0.11	0.11	—	0.11	1,800	1,800	0.16	< 0.005	—	1,805
General Office Building	0.01	0.12	0.10	< 0.005	0.01	—	0.01	0.01	—	0.01	148	148	0.01	< 0.005	—	148
Strip Mall	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	40.7	40.7	< 0.005	< 0.005	—	40.8
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	1.58	0.74	0.01	0.13	—	0.13	0.13	—	0.13	1,988	1,988	0.18	< 0.005	—	1,993
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.08	1.42	0.60	0.01	0.11	—	0.11	0.11	—	0.11	1,800	1,800	0.16	< 0.005	—	1,805
General Office Building	0.01	0.12	0.10	< 0.005	0.01	—	0.01	0.01	—	0.01	148	148	0.01	< 0.005	—	148
Strip Mall	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	40.7	40.7	< 0.005	< 0.005	—	40.8
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	1.58	0.74	0.01	0.13	—	0.13	0.13	—	0.13	1,988	1,988	0.18	< 0.005	—	1,993
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.26	0.11	< 0.005	0.02	—	0.02	0.02	—	0.02	298	298	0.03	< 0.005	—	299
General Office Building	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	24.4	24.4	< 0.005	< 0.005	—	24.5
Strip Mall	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.73	6.73	< 0.005	< 0.005	—	6.75
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	0.02	0.29	0.13	< 0.005	0.02	—	0.02	0.02	—	0.02	329	329	0.03	< 0.005	—	330

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	134	134	0.01	< 0.005	—	134
Strip Mall	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	34.8	34.8	< 0.005	< 0.005	—	34.9
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	169	169	0.01	< 0.005	—	169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	134	134	0.01	< 0.005	—	134
Strip Mall	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	34.8	34.8	< 0.005	< 0.005	—	34.9
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	169	169	0.01	< 0.005	—	169
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	22.2	22.2	< 0.005	< 0.005	—	22.2
Strip Mall	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	5.76	5.76	< 0.005	< 0.005	—	5.77
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	27.9	27.9	< 0.005	< 0.005	—	28.0

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.75	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Total	18.1	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Consumer Products	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	2.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.25	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79
Total	3.05	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79

4.3.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipmen	2.75	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Total	18.1	0.28	30.2	< 0.005	0.01	—	0.01	0.02	—	0.02	82.9	82.9	< 0.005	< 0.005	—	83.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	2.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.25	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79
Total	3.05	0.02	2.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.77	6.77	< 0.005	< 0.005	—	6.79

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	35.3	62.4	2.79	0.07	—	152
General Office Building	—	—	—	—	—	—	—	—	—	—	8.74	15.5	0.69	0.02	—	37.7
Strip Mall	—	—	—	—	—	—	—	—	—	—	3.64	6.44	0.29	0.01	—	15.7
City Park	—	—	—	—	—	—	—	—	—	—	1.92	1.92	< 0.005	< 0.005	—	1.94
Total	—	—	—	—	—	—	—	—	—	—	49.6	86.2	3.77	0.09	—	207
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	35.3	62.4	2.79	0.07	—	152
General Office Building	—	—	—	—	—	—	—	—	—	—	8.74	15.5	0.69	0.02	—	37.7
Strip Mall	—	—	—	—	—	—	—	—	—	—	3.64	6.44	0.29	0.01	—	15.7
City Park	—	—	—	—	—	—	—	—	—	—	1.92	1.92	< 0.005	< 0.005	—	1.94
Total	—	—	—	—	—	—	—	—	—	—	49.6	86.2	3.77	0.09	—	207
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	5.84	10.3	0.46	0.01	—	25.2
General Office Building	—	—	—	—	—	—	—	—	—	—	1.45	2.56	0.11	< 0.005	—	6.24
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.60	1.07	0.05	< 0.005	—	2.60
City Park	—	—	—	—	—	—	—	—	—	—	0.32	0.32	< 0.005	< 0.005	—	0.32

Total	—	—	—	—	—	—	—	—	—	—	8.20	14.3	0.62	0.01	—	34.3

4.4.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	31.7	56.2	2.51	0.06	—	137
General Office Building	—	—	—	—	—	—	—	—	—	—	7.86	13.9	0.62	0.01	—	33.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	3.28	5.80	0.26	0.01	—	14.1
City Park	—	—	—	—	—	—	—	—	—	—	1.73	1.73	< 0.005	< 0.005	—	1.75
Total	—	—	—	—	—	—	—	—	—	—	44.6	77.6	3.39	0.08	—	187
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	31.7	56.2	2.51	0.06	—	137
General Office Building	—	—	—	—	—	—	—	—	—	—	7.86	13.9	0.62	0.01	—	33.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	3.28	5.80	0.26	0.01	—	14.1
City Park	—	—	—	—	—	—	—	—	—	—	1.73	1.73	< 0.005	< 0.005	—	1.75
Total	—	—	—	—	—	—	—	—	—	—	44.6	77.6	3.39	0.08	—	187
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	5.25	9.30	0.42	0.01	—	22.7
General Office Building	—	—	—	—	—	—	—	—	—	—	1.30	2.30	0.10	< 0.005	—	5.61
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.54	0.96	0.04	< 0.005	—	2.34
City Park	—	—	—	—	—	—	—	—	—	—	0.29	0.29	< 0.005	< 0.005	—	0.29
Total	—	—	—	—	—	—	—	—	—	—	7.38	12.8	0.56	0.01	—	30.9

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	209	20.9	0.00	—	731
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	9.90	0.99	0.00	—	34.6
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	11.2	1.12	0.00	—	39.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.07	0.01	0.00	—	0.26
Total	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	209	20.9	0.00	—	731

General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	9.90	0.99	0.00	—	34.6
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	11.2	1.12	0.00	—	39.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.07	0.01	0.00	—	0.26
Total	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	34.6	3.46	0.00	—	121
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	1.64	0.16	0.00	—	5.73
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	1.85	0.18	0.00	—	6.47
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.01	< 0.005	0.00	—	0.04
Total	—	—	—	—	—	—	—	—	—	—	0.00	38.1	3.81	0.00	—	133

4.5.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	209	20.9	0.00	—	731
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	9.90	0.99	0.00	—	34.6
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	11.2	1.12	0.00	—	39.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.07	0.01	0.00	—	0.26
Total	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	209	20.9	0.00	—	731
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	9.90	0.99	0.00	—	34.6
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	11.2	1.12	0.00	—	39.1
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.07	0.01	0.00	—	0.26
Total	—	—	—	—	—	—	—	—	—	—	0.00	230	23.0	0.00	—	805
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	34.6	3.46	0.00	—	121
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	1.64	0.16	0.00	—	5.73
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.00	1.85	0.18	0.00	—	6.47
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.01	< 0.005	0.00	—	0.04
Total	—	—	—	—	—	—	—	—	—	—	0.00	38.1	3.81	0.00	—	133

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.40	3.40
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.40	3.40
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.56	0.56
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.40	3.40
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.40	3.40
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.57	3.57
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.56	0.56
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequester	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	2,720	2,455	2,045	943,786	21,324	19,247	16,032	7,399,134

General Office Building	192	43.6	13.8	53,149	1,662	377	119	459,131
Strip Mall	875	830	403	292,541	7,561	7,173	3,486	2,527,133
City Park	1.25	3.14	3.50	672	10.8	27.1	30.3	5,802

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	2,720	2,455	2,045	943,786	21,324	19,247	16,032	7,399,134
General Office Building	192	43.6	13.8	53,149	1,662	377	119	459,131
Strip Mall	875	830	403	292,541	7,561	7,173	3,486	2,527,133
City Park	1.25	3.14	3.50	672	10.8	27.1	30.3	5,802

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	500
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0

Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	500
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
960862.5	320,288	59,250	19,750	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	1,596,402	204	0.0330	0.0040	5,615,545
General Office Building	416,249	204	0.0330	0.0040	460,407
Strip Mall	164,878	204	0.0330	0.0040	126,908
City Park	0.00	204	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	1,582,266	204	0.0330	0.0040	0.00
General Office Building	389,563	204	0.0330	0.0040	417,687
Strip Mall	152,461	204	0.0330	0.0040	108,531
City Park	0.00	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	14,166,563	10.4

General Office Building	3,510,242	8.48
Strip Mall	1,462,932	8.48
City Park	0.00	1,182,110

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	12,749,906	9.33
General Office Building	3,159,217	7.63
Strip Mall	1,316,639	7.63
City Park	0.00	1,063,899

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	388	—
General Office Building	18.4	—
Strip Mall	20.7	—
City Park	0.14	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	388	—
General Office Building	18.4	—
Strip Mall	20.7	—
City Park	0.14	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Operations: Hearths	No woodstoves or gas stoves
Characteristics: Project Details	Within City Limits
Land Use	2.36 persons per household. Default Lot Acreage and 39,500 ksf non-residential. Assumed 50/50 split btwn General Office and Retail.1.6 acre Community Square, assumed 90% landscaped. Landscape Area for Residential, Commercial, Retail and Parking unknown.

Arcata General Plan 2045 - Remaining Infill Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.3.1. Mitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.4.1. Mitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.5.1. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Arcata General Plan 2045 - Remaining Infill
Operational Year	2045
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.90
Precipitation (days)	59.2
Location	40.879813832871946, -124.09039900130998
County	Humboldt
City	Arcata
Air District	North Coast Unified APCD
Air Basin	North Coast
TAZ	108
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.12

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Low Rise	1,358	Dwelling Unit	84.9	1,439,480	1.00	—	3,056	—

Single Family Housing	333	Dwelling Unit	108	649,350	3,900,381	—	749	—
Apartments Low Rise	2,150	Dwelling Unit	134	2,279,000	1.00	—	4,838	CalPoly Student Housing

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-27	Implement Transit-Supportive Roadway Treatments
Transportation	T-34*	Provide Bike Parking
Transportation	T-37*	Dedicate Land for Bike Trails
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-12-A	Install Alternative Type of Water Heater in Place of Gas Storage Tank Heater in Residences
Energy	E-12-B	Install Electric Space Heater in Place of Natural Gas Heaters in Residences
Energy	E-13	Install Electric Ranges in Place of Gas Ranges
Energy	E-15	Require All-Electric Development
Energy	E-24*	Provide Battery Storage
Energy	E-25*	Install Electric Heat Pumps
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-4*	Recycle Demolished Construction Material
Natural Lands	N-5*	Establish a Local Farmer's Market
Area Sources	E-14	Limit Wood Burning Devices and Natural Gas/Propane Fireplaces in Residential Development

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	333	92.1	1,652	4.50	126	68.7	195	121	12.1	134	184,785	207,341	275	7.73	125	216,633
Mit.	236	60.5	777	1.56	0.88	68.7	69.6	0.86	12.1	13.0	162,598	164,258	173	7.64	125	170,981
% Reduced	29%	34%	53%	65%	99%	—	64%	99%	—	90%	12%	21%	37%	1%	—	21%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	315	96.9	1,474	4.49	126	68.7	195	121	12.1	133	183,962	206,518	275	8.21	33.7	215,873
Mit.	219	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	161,775	163,435	173	8.12	33.7	170,221
% Reduced	31%	33%	59%	65%	99%	—	64%	99%	—	90%	12%	21%	37%	1%	—	21%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	241	76.9	833	2.16	30.0	62.1	92.1	28.9	11.0	39.9	169,355	175,726	199	7.23	67.9	182,912
Mit.	219	56.3	631	1.41	0.77	62.1	62.9	0.73	11.0	11.7	147,168	148,828	172	7.14	67.9	155,336
% Reduced	9%	27%	24%	35%	97%	—	32%	97%	—	71%	13%	15%	13%	1%	—	15%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	44.0	14.0	152	0.39	5.47	11.3	16.8	5.28	2.00	7.28	28,039	29,093	32.9	1.20	11.2	30,283
Mit.	39.9	10.3	115	0.26	0.14	11.3	11.5	0.13	2.00	2.14	24,365	24,640	28.6	1.18	11.2	25,718
% Reduced	9%	27%	24%	35%	97%	—	32%	97%	—	71%	13%	15%	13%	1%	—	15%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	86.5	58.5	558	1.55	0.81	68.7	69.6	0.76	12.1	12.9	158,074	158,074	5.75	7.09	93.9	160,426
Area	245	16.2	1,086	2.84	124	—	124	119	—	119	583	21,457	97.6	< 0.005	—	23,898
Energy	1.02	17.4	7.43	0.11	1.41	—	1.41	1.41	—	1.41	25,968	25,968	2.59	0.12	—	26,069
Water	—	—	—	—	—	—	—	—	—	—	160	369	21.4	0.51	—	1,056
Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	333	92.1	1,652	4.50	126	68.7	195	121	12.1	134	184,785	207,341	275	7.73	125	216,633
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	87.8	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	157,834	157,834	6.23	7.58	2.43	160,250
Area	226	14.1	867	2.83	124	—	124	119	—	119	0.00	20,874	97.6	0.00	—	23,314
Energy	1.02	17.4	7.43	0.11	1.41	—	1.41	1.41	—	1.41	25,968	25,968	2.59	0.12	—	26,069
Water	—	—	—	—	—	—	—	—	—	—	160	369	21.4	0.51	—	1,056
Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	315	96.9	1,474	4.49	126	68.7	195	121	12.1	133	183,962	206,518	275	8.21	33.7	215,873
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	78.6	55.3	523	1.41	0.73	62.1	62.8	0.69	11.0	11.7	142,940	142,940	5.39	6.60	36.6	145,077
Area	162	4.17	303	0.64	27.8	—	27.8	26.8	—	26.8	287	4,977	21.9	< 0.005	—	5,526
Energy	1.02	17.4	7.43	0.11	1.41	—	1.41	1.41	—	1.41	25,968	25,968	2.59	0.12	—	26,069
Water	—	—	—	—	—	—	—	—	—	—	160	369	21.4	0.51	—	1,056

Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	241	76.9	833	2.16	30.0	62.1	92.1	28.9	11.0	39.9	169,355	175,726	199	7.23	67.9	182,912
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	14.3	10.1	95.4	0.26	0.13	11.3	11.5	0.13	2.00	2.13	23,665	23,665	0.89	1.09	6.07	24,019
Area	29.5	0.76	55.3	0.12	5.08	—	5.08	4.89	—	4.89	47.6	824	3.63	< 0.005	—	915
Energy	0.19	3.18	1.36	0.02	0.26	—	0.26	0.26	—	0.26	4,299	4,299	0.43	0.02	—	4,316
Water	—	—	—	—	—	—	—	—	—	—	26.5	61.0	3.54	0.08	—	175
Waste	—	—	—	—	—	—	—	—	—	—	0.00	244	24.4	0.00	—	853
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18
Total	44.0	14.0	152	0.39	5.47	11.3	16.8	5.28	2.00	7.28	28,039	29,093	32.9	1.20	11.2	30,283

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	86.5	58.5	558	1.55	0.81	68.7	69.6	0.76	12.1	12.9	158,074	158,074	5.75	7.09	93.9	160,426
Area	150	2.01	219	0.01	0.07	—	0.07	0.10	—	0.10	583	583	0.02	< 0.005	—	585
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	3,797	3,797	0.63	0.08	—	3,836
Water	—	—	—	—	—	—	—	—	—	—	144	332	19.3	0.46	—	951
Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	236	60.5	777	1.56	0.88	68.7	69.6	0.86	12.1	13.0	162,598	164,258	173	7.64	125	170,981
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	87.8	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	157,834	157,834	6.23	7.58	2.43	160,250

Area	131	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	3,797	3,797	0.63	0.08	—	3,836
Water	—	—	—	—	—	—	—	—	—	—	144	332	19.3	0.46	—	951
Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	219	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	161,775	163,435	173	8.12	33.7	170,221
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	78.6	55.3	523	1.41	0.73	62.1	62.8	0.69	11.0	11.7	142,940	142,940	5.39	6.60	36.6	145,077
Area	140	0.99	108	< 0.005	0.04	—	0.04	0.05	—	0.05	287	287	0.01	< 0.005	—	288
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	3,797	3,797	0.63	0.08	—	3,836
Water	—	—	—	—	—	—	—	—	—	—	144	332	19.3	0.46	—	951
Waste	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Total	219	56.3	631	1.41	0.77	62.1	62.9	0.73	11.0	11.7	147,168	148,828	172	7.14	67.9	155,336
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	14.3	10.1	95.4	0.26	0.13	11.3	11.5	0.13	2.00	2.13	23,665	23,665	0.89	1.09	6.07	24,019
Area	25.6	0.18	19.7	< 0.005	0.01	—	0.01	0.01	—	0.01	47.6	47.6	< 0.005	< 0.005	—	47.7
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	629	629	0.10	0.01	—	635
Water	—	—	—	—	—	—	—	—	—	—	23.9	54.9	3.19	0.08	—	157
Waste	—	—	—	—	—	—	—	—	—	—	0.00	244	24.4	0.00	—	853
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18
Total	39.9	10.3	115	0.26	0.14	11.3	11.5	0.13	2.00	2.14	24,365	24,640	28.6	1.18	11.2	25,718

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	77.8	52.6	502	1.40	0.73	61.9	62.6	0.68	10.9	11.6	142,249	142,249	5.17	6.38	84.5	144,365
Single Family Housing	8.66	5.85	55.9	0.16	0.08	6.88	6.96	0.08	1.22	1.29	15,825	15,825	0.58	0.71	9.40	16,061
Total	86.5	58.5	558	1.55	0.81	68.7	69.6	0.76	12.1	12.9	158,074	158,074	5.75	7.09	93.9	160,426
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	79.0	58.8	540	1.40	0.73	61.9	62.6	0.68	10.9	11.6	142,033	142,033	5.61	6.82	2.19	144,207
Single Family Housing	8.79	6.54	60.1	0.16	0.08	6.88	6.96	0.08	1.22	1.29	15,801	15,801	0.62	0.76	0.24	16,043
Total	87.8	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	157,834	157,834	6.23	7.58	2.43	160,250
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	12.8	9.00	85.0	0.23	0.12	10.1	10.2	0.11	1.79	1.90	21,102	21,102	0.80	0.97	5.41	21,417
Single Family Housing	1.55	1.09	10.3	0.03	0.01	1.23	1.24	0.01	0.22	0.23	2,563	2,563	0.10	0.12	0.66	2,602
Total	14.3	10.1	95.4	0.26	0.13	11.3	11.5	0.13	2.00	2.13	23,665	23,665	0.89	1.09	6.07	24,019

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	77.8	52.6	502	1.40	0.73	61.9	62.6	0.68	10.9	11.6	142,249	142,249	5.17	6.38	84.5	144,365
Single Family Housing	8.66	5.85	55.9	0.16	0.08	6.88	6.96	0.08	1.22	1.29	15,825	15,825	0.58	0.71	9.40	16,061
Total	86.5	58.5	558	1.55	0.81	68.7	69.6	0.76	12.1	12.9	158,074	158,074	5.75	7.09	93.9	160,426
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	79.0	58.8	540	1.40	0.73	61.9	62.6	0.68	10.9	11.6	142,033	142,033	5.61	6.82	2.19	144,207
Single Family Housing	8.79	6.54	60.1	0.16	0.08	6.88	6.96	0.08	1.22	1.29	15,801	15,801	0.62	0.76	0.24	16,043
Total	87.8	65.3	600	1.55	0.81	68.7	69.6	0.76	12.1	12.9	157,834	157,834	6.23	7.58	2.43	160,250
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	12.8	9.00	85.0	0.23	0.12	10.1	10.2	0.11	1.79	1.90	21,102	21,102	0.80	0.97	5.41	21,417
Single Family Housing	1.55	1.09	10.3	0.03	0.01	1.23	1.24	0.01	0.22	0.23	2,563	2,563	0.10	0.12	0.66	2,602
Total	14.3	10.1	95.4	0.26	0.13	11.3	11.5	0.13	2.00	2.13	23,665	23,665	0.89	1.09	6.07	24,019

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	3,198	3,198	0.53	0.07	—	3,231
Single Family Housing	—	—	—	—	—	—	—	—	—	—	622	622	0.10	0.01	—	628
Total	—	—	—	—	—	—	—	—	—	—	3,820	3,820	0.63	0.08	—	3,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	3,198	3,198	0.53	0.07	—	3,231
Single Family Housing	—	—	—	—	—	—	—	—	—	—	622	622	0.10	0.01	—	628
Total	—	—	—	—	—	—	—	—	—	—	3,820	3,820	0.63	0.08	—	3,859
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	529	529	0.09	0.01	—	535
Single Family Housing	—	—	—	—	—	—	—	—	—	—	103	103	0.02	< 0.005	—	104
Total	—	—	—	—	—	—	—	—	—	—	632	632	0.10	0.01	—	639

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	3,175	3,175	0.52	0.07	—	3,207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	622	622	0.10	0.01	—	628
Total	—	—	—	—	—	—	—	—	—	—	3,797	3,797	0.63	0.08	—	3,836
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	3,175	3,175	0.52	0.07	—	3,207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	622	622	0.10	0.01	—	628
Total	—	—	—	—	—	—	—	—	—	—	3,797	3,797	0.63	0.08	—	3,836
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	526	526	0.09	0.01	—	531
Single Family Housing	—	—	—	—	—	—	—	—	—	—	103	103	0.02	< 0.005	—	104
Total	—	—	—	—	—	—	—	—	—	—	629	629	0.10	0.01	—	635

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.84	14.3	6.08	0.09	1.15	—	1.15	1.15	—	1.15	18,122	18,122	1.60	0.03	—	18,172
Single Family Housing	0.19	3.17	1.35	0.02	0.26	—	0.26	0.26	—	0.26	4,027	4,027	0.36	0.01	—	4,038
Total	1.02	17.4	7.43	0.11	1.41	—	1.41	1.41	—	1.41	22,148	22,148	1.96	0.04	—	22,210
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.84	14.3	6.08	0.09	1.15	—	1.15	1.15	—	1.15	18,122	18,122	1.60	0.03	—	18,172
Single Family Housing	0.19	3.17	1.35	0.02	0.26	—	0.26	0.26	—	0.26	4,027	4,027	0.36	0.01	—	4,038
Total	1.02	17.4	7.43	0.11	1.41	—	1.41	1.41	—	1.41	22,148	22,148	1.96	0.04	—	22,210
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.15	2.61	1.11	0.02	0.21	—	0.21	0.21	—	0.21	3,000	3,000	0.27	0.01	—	3,009
Single Family Housing	0.03	0.58	0.25	< 0.005	0.05	—	0.05	0.05	—	0.05	667	667	0.06	< 0.005	—	669
Total	0.19	3.18	1.36	0.02	0.26	—	0.26	0.26	—	0.26	3,667	3,667	0.32	0.01	—	3,677

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	95.5	14.1	867	2.83	124	—	124	119	—	119	0.00	20,874	97.6	0.00	—	23,314
Consumer Products	93.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	37.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	18.9	2.01	219	0.01	0.07	—	0.07	0.10	—	0.10	583	583	0.02	< 0.005	—	585
Total	245	16.2	1,086	2.84	124	—	124	119	—	119	583	21,457	97.6	< 0.005	—	23,898
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	95.5	14.1	867	2.83	124	—	124	119	—	119	0.00	20,874	97.6	0.00	—	23,314
Consumer Products	93.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	37.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	226	14.1	867	2.83	124	—	124	119	—	119	0.00	20,874	97.6	0.00	—	23,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	3.91	0.58	35.5	0.12	5.07	—	5.07	4.89	—	4.89	0.00	776	3.63	0.00	—	867
Consumer Products	17.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	6.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipmen	1.70	0.18	19.7	< 0.005	0.01	—	0.01	0.01	—	0.01	47.6	47.6	< 0.005	< 0.005	—	47.7
Total	29.5	0.76	55.3	0.12	5.08	—	5.08	4.89	—	4.89	47.6	824	3.63	< 0.005	—	915

4.3.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	93.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	37.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	18.9	2.01	219	0.01	0.07	—	0.07	0.10	—	0.10	583	583	0.02	< 0.005	—	585
Total	150	2.01	219	0.01	0.07	—	0.07	0.10	—	0.10	583	583	0.02	< 0.005	—	585
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	93.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	37.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	131	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	17.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	6.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.70	0.18	19.7	< 0.005	0.01	—	0.01	0.01	—	0.01	47.6	47.6	< 0.005	< 0.005	—	47.7
Total	25.6	0.18	19.7	< 0.005	0.01	—	0.01	0.01	—	0.01	47.6	47.6	< 0.005	< 0.005	—	47.7

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	118	308	19.5	0.47	—	936
Single Family Housing	—	—	—	—	—	—	—	—	—	—	42.4	60.5	1.86	0.04	—	120
Total	—	—	—	—	—	—	—	—	—	—	160	369	21.4	0.51	—	1,056
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	118	308	19.5	0.47	—	936

Single Family Housing	—	—	—	—	—	—	—	—	—	—	42.4	60.5	1.86	0.04	—	120
Total	—	—	—	—	—	—	—	—	—	—	160	369	21.4	0.51	—	1,056
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	19.5	51.0	3.24	0.08	—	155
Single Family Housing	—	—	—	—	—	—	—	—	—	—	7.03	10.0	0.31	0.01	—	19.9
Total	—	—	—	—	—	—	—	—	—	—	26.5	61.0	3.54	0.08	—	175

4.4.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	106	277	17.6	0.42	—	842
Single Family Housing	—	—	—	—	—	—	—	—	—	—	38.2	54.5	1.67	0.04	—	108
Total	—	—	—	—	—	—	—	—	—	—	144	332	19.3	0.46	—	951
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	106	277	17.6	0.42	—	842

Single Family Housing	—	—	—	—	—	—	—	—	—	—	38.2	54.5	1.67	0.04	—	108
Total	—	—	—	—	—	—	—	—	—	—	144	332	19.3	0.46	—	951
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	17.5	45.9	2.91	0.07	—	139
Single Family Housing	—	—	—	—	—	—	—	—	—	—	6.32	9.02	0.28	0.01	—	17.9
Total	—	—	—	—	—	—	—	—	—	—	23.9	54.9	3.19	0.08	—	157

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	1,398	140	0.00	—	4,892
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	74.7	7.47	0.00	—	261
Total	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	1,398	140	0.00	—	4,892
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	74.7	7.47	0.00	—	261
Total	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	231	23.1	0.00	—	810
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	12.4	1.24	0.00	—	43.3
Total	—	—	—	—	—	—	—	—	—	—	0.00	244	24.4	0.00	—	853

4.5.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	1,398	140	0.00	—	4,892
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	74.7	7.47	0.00	—	261
Total	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	1,398	140	0.00	—	4,892
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	74.7	7.47	0.00	—	261
Total	—	—	—	—	—	—	—	—	—	—	0.00	1,473	147	0.00	—	5,153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.00	231	23.1	0.00	—	810
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	12.4	1.24	0.00	—	43.3
Total	—	—	—	—	—	—	—	—	—	—	0.00	244	24.4	0.00	—	853

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.6	26.6
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.65	4.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.6	26.6
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.65	4.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.41	4.41
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.77	0.77
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.6	26.6
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.65	4.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.6	26.6
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.65	4.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.3	31.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.41	4.41
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.77	0.77
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Low Rise	9,941	11,054	8,528	3,612,726	77,932	86,663	66,860	28,323,216
Single Family Housing	3,144	3,177	2,847	1,133,668	24,645	24,906	22,321	8,887,778
Apartments Low Rise	15,738	17,501	13,502	5,719,707	123,383	137,205	105,854	44,841,615

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Low Rise	9,941	11,054	8,528	3,612,726	77,932	86,663	66,860	28,323,216
Single Family Housing	3,144	3,177	2,847	1,133,668	24,645	24,906	22,321	8,887,778
Apartments Low Rise	15,738	17,501	13,502	5,719,707	123,383	137,205	105,854	44,841,615

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1358
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	2150
Conventional Wood Stoves	0
Catalytic Wood Stoves	68
Non-Catalytic Wood Stoves	68
Pellet Wood Stoves	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	108
Non-Catalytic Wood Stoves	108
Pellet Wood Stoves	0
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0

Electric Fireplaces	0
No Fireplaces	333
Conventional Wood Stoves	0
Catalytic Wood Stoves	17
Non-Catalytic Wood Stoves	17
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1358
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	2150
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0

Pellet Wood Stoves	0
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	333
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
8844855.75	2,948,285	0.00	0.00	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Low Rise	4,658,315	97.0	0.0160	0.0020	21,889,337
Single Family Housing	2,340,538	97.0	0.0160	0.0020	12,564,132
Apartments Low Rise	7,375,094	97.0	0.0160	0.0020	34,655,431

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Low Rise	4,625,549	97.0	0.0160	0.0020	0.00
Single Family Housing	2,340,325	97.0	0.0160	0.0020	0.00
Apartments Low Rise	7,321,230	97.0	0.0160	0.0020	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Low Rise	38,476,384	10.4
Single Family Housing	9,434,931	40,427,797
Apartments Low Rise	60,916,219	10.4

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Apartments Low Rise	34,628,745	9.33
Single Family Housing	8,491,438	36,385,018
Apartments Low Rise	54,824,597	9.33

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Low Rise	1,004	—
Single Family Housing	139	—
Apartments Low Rise	1,590	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Low Rise	1,004	—
Single Family Housing	139	—
Apartments Low Rise	1,590	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Characteristics: Project Details	Infill in City of Arcata
Characteristics: Utility Information	PG&E 2021 reported PCL.
Operations: Hearths	No wood, gas, or propane hearths

Appendix D

Historic Resource Analysis

City of Arcata Gateway Area Historic Resources Inventory



Submitted to: Planwest Partners Inc.
By: Gerry Takano
Date: September 6, 2022, Revised Feb. 2023

Table of Contents

		page
I	Introduction	2
II	Executive Summary	2
III	Methodology and Findings	3
IV	Compliance and Interface with the Gateway Area Plan Policies	7
V	Historic Resource Treatment Program	9
VI	Potential Incentives for Historic Resources	10

References

Exhibits

Exhibit 1	Gateway Area Historic Resources Inventory Location Map (TBD)

Appendices

Appendix A	Review Procedure and Criteria for accepting “Potentially Historic Resources” into the record (Adopted by HLC July 27, 2022)

I. Introduction

The **Gateway Area Historic Resources Inventory** considers "notable" and potentially significant historical resources within the proposed Gateway Area based on findings, available research, and "windshield level" field reconnaissance observations. This study includes a summary of the City's existing historic resource preservation framework (survey and evaluation history, General Plan and zoning ordinance), survey methodology and results, findings, recommendations, and available resources.

Gateway Area historic resource identification and preservation is integrated within the City's existing preservation framework. The Gateway Area historic resources designation eligibility and recommendations may be further evaluated and refined by the City in accordance with adopted review criteria. Available incentives and opportunities to encourage and highlight preservation and the protection of historic public and private properties through coordination with City departments, non-profit organizations and other associations are also included.

This inventory was prepared by Gerry Takano, an independent preservation consultant, formerly president of TBA West, Inc., a firm providing architectural and planning services, for 12 years. He has served as architect/planner for the Western Regional Office of the National Trust for Historic Preservation in San Francisco, overseeing programs, strategic direction and advocacy for the preservation of historic resources in the Western U.S. The primary focus of his work is historic preservation, planning, urban design, governmental compliance, guidelines, and historic resource assessments.

Mr. Takano received his B.A. in Architecture from Syracuse University and graduated from the Harvard University Post Graduate Special Program in Preservation. His Humboldt County experience includes Town of Samoa & Town of Scotia historic district design guidelines.

II. Executive Summary

This Study's Gateway Area recommendations, intended as public information, identify potential historic resources in the Gateway Area, explain the survey methodology, and consider what may be involved when Gateway Area historic resources are proposed for changes or development. This Study is intended to function as a guide for future development in the Gateway Area by identifying buildings important to the community's preservation ethos, and ensuring these buildings receive adequate

review as part of the City entitlement process. Conversely, this Study can serve to simplify development review for buildings within the Gateway Area that were determined to not have significance as a potential historic resource.

The Gateway Area Plan is a proposed new Element of the Arcata General Plan. The Arcata General Plan's existing Design and Historic Preservation Elements, though also not mandated by state planning law, guide the Gateway Area's community appearance and character. Policies have been codified addressing community-wide design features and criteria pertinent and essential for the preservation of Arcata's historic resources. These policies define subsequent regulations and codes to accommodate preservation of Potentially Significant Historic Resources within the Gateway and other areas. In cases when owners may desire to add their property onto the "potentially significant historic resource" list, procedures are set forth and linked to the City of Arcata's regulations. If an owners' intent is to develop, modify or demolish their historic resource within the Gateway Area, Arcata processes and protections are in place.

Key recommendations for the Gateway Plan's protection and preservation of Potentially Significant Historic Resources, though not limited to, are as follows:

1. Provide a Gateway Area master list of designated local historic landmarks and potentially significant historical resources.
2. Evaluate historic resource-specific procedures, including historic resource criteria for accepting potentially historic resources into the record.
3. Integrate with proposed Gateway Area policies and existing City regulatory procedures and codes. If funding becomes available, provide additional City staffing to address historic preservation procedures and to increase awareness, promotion, and guidance.
4. Interface with Gateway Area's "form-based planning and tiering" incentives such as transfer of development rights (TDR), Mills Act, Historic Building Code and other preservation opportunities.
5. Strengthening preservation in Arcata and the Gateway Area may require changes within City procedures and will require support from the Mayor, Council, and City Departments.

III. Methodology and Findings

This Study includes two steps of review for determining the significance of potentially historic resources. Step one included a broader review of existing literature as well as

a reconnaissance level survey undertaken by Gerry Takano and two additional out-of-area staff; step two involved refinements to the list based on review undertaken by local preservation experts seated on the Historic Landmark Committee's standing survey subcommittee.

The survey's review of "potentially historic resources" centered around the application of four criteria of significance of Noteworthy Structures, drawn from the City's Historical Preservation Element (General Plan 2020). As noted in the Historical Preservation Element, Noteworthy structures are those which may not have complete documentation as to their historical or architectural merit, but which have notable characteristics.

This historic resources inventory utilized both a literature review and a reconnaissance-level architectural survey to determine potential significance, with an emphasis on architectural characteristics visible from the public right of way (additional detail on survey and study methodology is outlined in greater detail below). Properties that clearly met the outlined criteria were included, as well as properties that were subject to interpretation, requiring further discussion and analysis by the survey subcommittee of the City's Historic Landmarks Committee. In order to be included in the original survey list, structures were required to exhibit one of the following attributes:

1. Representative of a particular architectural style.
2. Representative of a period in the city's historical development.
3. Associated with social history of the city.
4. Of unusual or special design character.

The Study's initial list included 54 buildings, eight of which are existing Landmark status properties. The remaining 46 buildings were reviewed and refined further in step two, summarized below and discussed in further detail in Appendix A.

1. 453 F Street
2. 493 G Street
3. 467 G Street
4. 494 H Street
5. 415 I Street
6. 513 I Street
7. 545 I Street
8. 589 I Street
9. 511 J Street
10. 609 J Street
11. 885 K Street
12. 879 K Street
13. 824 L Street
14. 1200 M Street
15. 1215 M Street
16. 1220 M Street
17. 1244 M Street
18. 1265 M Street
19. 1088 N Street
20. 1062 N Street
21. 1060 O Street
22. 885 5th Street
23. 767 5th Street
24. 1073 5th Street

25. 1093 5th Street
26. 1093 5th Street A
27. 1009 6th Street
28. 1188 7th Street
29. 1031 6th Street
30. 1047 6th Street
31. 1112 7th Street
32. 1136 7th Street
33. 1162 7th Street
34. 1288 9th Street
35. 1380 9th Street
36. 1251 9th Street
37. 1352 10th Street
38. 1168 10th Street
39. 1335 10th Street
40. 1422 10th Street
41. 1498 10th Street
42. 1499 10th Street
43. 1340 10th Street
44. 1285 11th Street
45. 1164 11th Street
46. 1144 11th Street
47. 1116 11th Street
48. 1459 11th Street
49. 1296 11th Street
50. 1102 12th Street
51. 1189 12th Street
52. 900~940 Samoa Blvd.
53. 990 Samoa Blvd.
54. Northwestern Pacific Railroad Company Railway Line

The eight sites already protected with local, state, or national landmark status include:

1. 453 F Street
2. 493 G Street
3. 494 H Street
4. 513 I Street
5. 609 J Street
6. 885 K Street
7. 824 L Street
8. 1188 7th Street

Step One of The Study's methodology included the following:

- Draft Gateway Area Plan review with particular attention to proposed form-based zoning, land use, areas for future development and parameters related to the historic preservation component (reviewed Dec. 2021 Draft). Also, analyze "streamlining" procedures, Chapter 9 Design and Architectural Standards and Chapter 10 Historic Resources section.

- Investigated ways to integrate "historic resource" findings and provisions within the intent of the Gateway Area Plan, including parcel development, tiers, historic resource requirements, guidelines, incentives, and application/review procedures.

- Conducted reconnaissance level survey February 23-24, 2022 with on-site street level photographs and verification of designated, potential (as previously identified) and new sites. Provided basic architectural descriptions, identification of architectural style, resource modifications, integrity and a preliminary evaluation of significance.

- Reviewed existing studies, including the City's existing historic resource preservation framework, surveys, evaluation history, and definitions. Assessed the previously proposed "Approach for City Historic Preservation", Neighborhood Conservation Area and other documents. Reviewed the City's memorandum on the "Approach for City Historic Survey" and existing historic studies including the Suzie Van Kirk survey (1979).

- Review and incorporate relevant Arcata Historic Context Study information, March 2012.

- Gathered information from Arcata preservation "stakeholders" and contacts including Humboldt County Historical Society, Cal Poly Humboldt, City of Arcata Historic Landmarks Committee, and others.

- Prepared preliminary draft Gateway Area Potentially Significant Historic Resources inventory and recommendations based on existing information and the Reconnaissance Level survey, which considered State and local context and Gateway Area themes.

- Drafted database and analysis summary chart to identify designated and potential Gateway Area "historic resources".

- Reviewed how proposed form-based planning relates to "historic resources" preservation, such as in-fill development, alternative construction methods, materials, transfer of development rights, etc.

- Considered the role of design reviews, the Planning Commission, Historic Landmarks Committee, Community Development Department and the City of Arcata in the process.

- Provided ways to consider Historic Preservation Guidelines and Standards and utilize appropriate Preservation benefits for the Gateway Area, including resource links for economic and other incentives such as the Mills Act tax abatement.

Background. Existing resources provided important context and background for Step one of the Study and survey process, as outlined below.

As of 1998, there are three designated National Register sites including the Arcata Hotel (on the Plaza), the Whaley House (14th and H Streets), and the Schorlig House (1050 12th Street). The Jacoby Storehouse is listed in the State of California's registered Historical Landmarks. None of these are located in the Gateway Area.

Local level historic landmarks are distinguished as Arcata structures or sites with special character or special historic, architectural, or aesthetic interest or value. These criteria are appropriate for the Gateway Area. Potentially Significant Historic Resources, consistent with the City list, are protected from demolition and inappropriate alterations. Local level listing Criteria, including the Gateway Area, are:

- The building or site is particularly representative of a distinct architectural period, type, style, or way of life.
- The building is of a type or style which was once common but is now rare.
- The building is at least 50 years old.
- The building or site is connected with a person or event important to local history.
- The architect or builder is famous or well-recognized.
- The building's style, construction method, or materials are unusual or significant.
- The overall effect of the design or building details are beautiful or unusual.
- The building contains original materials or workmanship of high or unusual value.

In July 2022, the Historic Landmarks Committee adopted review procedures and criteria for the formally accepting potentially historic resources into the record (see Attachment A).

Per the current **Historical Preservation Element**, Section H-2a, the City shall maintain a citywide "Noteworthy Structures" list , including the Gateway Area.
The Gateway Area historical buildings inventory is consistent with the four periods of residential building styles as stated in the City of Arcata's historic preservation policy. Industrial, commercial and other styles have been adapted to these periods *(see: https://www.cityofarcata.org/175/Historic-Preservation)*:

- Settlement (1850 - 1885)
- Transitional (1900 - 1910)
- Victorian (1885 - 1900)
- Craftsman (1910 - 1930)

The Historic Landmarks Committee determined styles that fall under a larger ""Modern" style type (1930 – present) should be included in the survey if determined to

have sufficient integrity and significance, even though the Van Kirk 1979 report does not cover sites after 1930. Although this category is not included in the current adopted General Plan Element, it is proposed to be included in the General Plan 2045 Update.

Historical and cultural patterns of development for the Gateway area are defined within The **City of Arcata Historic Context Statement** by Guerra & McBane March 2012, addresses historical themes and concepts of building, structures, objects and sites as assessed and identifies historical significance as defined in the US National Register, state and local preservation programs. and local historic property registration programs. Several themes for Arcata, all to some degree appropriate for the Gateway area, span prehistory to the modern period and are designed to reflect the diversity of the peoples of the United States. The thematic framework, adopted in 1936, was conceived in terms of the "stages of American progress" and focused mainly on the achievements of military and political figures.

In 1991 the US Congress revised the thematic framework to incorporate three historical building blocks: People, Time, and Place. People, the primary agents of change, includes a variety of people who have populated Arcata's past with consideration of the variables of race, ethnicity, class, and gender. The local and regional experience became important in order to build an appreciation for our national story as key concepts overlapped to shape varied histories. Themes also relevant to the Gateway Area include:

- **Social institutions and movement themes** for Arcata include diverse formal and informal structures such as schools or voluntary associations through which people express values and live their lives. Americans generate temporary movements and create enduring institutions in order to define, sustain, or reform these values. Both the diverse motivations people act on and the strategies they employ are critical concerns of social history.

  This category also encompasses temporary movements that influenced American history but did not produce permanent institutions such as the reform movement of the WCTU, clubs and organizations, reform movements, religious institutions and recreational activities. Themes, expressing unique culture and people's values beliefs about themselves and the world they inhabit, includes educational and intellectual currents, visual and performing art, literature, mass media, architecture, landscape architecture, and urban design, popular and traditional culture. Shaping the political landscape encompasses tribal, local, state, and federal political and governmental institutions that create public

policy and those groups that seek to shape both policies and institutions. Developing the American economy theme reflects the ways Americans have worked, including slavery, servitude, and non-wage as well as paid labor. It also reflects the ways they have materially sustained themselves by the processes of extraction, agriculture, production, distribution, and consumption of goods and services. In examining the diverse working experiences of the American people, this theme encompasses the activities of farmers, workers, entrepreneurs, and managers, as well as the technology around them.

- **Technology**, as a theme, is the application of human ingenuity to modification of the environment in both modern and traditional cultures, such as 19th century innovations in logging technology or the City's innovative wastewater treatment system and the Arcata Marsh Project.

- **Transforming the Environment** theme examines the variable and changing relationships between people and their environment. The environment is where people live, the place that supports and sustains life, including cities, suburbs, towns, countryside, forest, wilderness, and water bodies. The use and development of the physical setting is rooted in evolving perceptions and attitudes. While conservation represents a portion of this theme, the focus is on recognizing the interplay between human activity and the environment.

IV. Historic Landmarks Committee Review

Review by the Historic Landmarks Committee was intended to refine the list down to only the best and most representative examples of unlisted, potentially historic resources within the Gateway Area. As the identification of a building as "potentially historic" is a non-voluntary action of the City, staff and decision makers chose to set a high threshold for inclusion.
It is important to note that sites captured in step one but removed in step two could still voluntarily apply for Landmark status if desired, by providing evidence of potential significance for City review.

Step Two of The Study's methodology included the following:

- Subcommittee review on May 13, 2022. Developed and applied draft refined review criteria with a focus on integrity and rarity of the resource type. 27 unlisted sites removed from inventory, and five sites identified as warranting further discussion by whole subcommittee.

- Full Committee review on July 27, 2022. Included review of both the subcommittee's recommended sites as well as the subcommittee's proposed review criteria for list refinement.
- Full committee review of additional sites brought forward by members of the public was undertaken August 18, 2022. No additional sites were added.
- Final recommendation to the Planning Commission included both adoption of the review criteria and 11 currently unlisted potentially historic resources, exhibiting the following styles. The seven properties already protected by historic landmark overlays were also included as part of the committee's recommended inventory and include three Settlement period buildings.
    - Victorian
    - Transitional
    - Craftsman
    - Modern (included one "Early Modern Style" property)

The Study's initial list was refined to 18 new buildings alongside the eight existing Landmark status properties. These resulting 26 sites are recommended to be subject to applicable Citywide preservation policy, as well as the "Historical Resources" section of the Gateway Area Plan. Please note the Northwestern Pacific Railway Line has previously been determined to be potentially historic by the California Department of Transportation.

1. 467 G Street
2. 1088 N Street
3. 1112 7th Street
4. 1136 7th Street
5. 1162 7th Street
6. 1288 9th Street
7. 1380 9th Street
8. 1168 10th Street
9. 1498 10th Street
10. 1340 10th Street
11. 1285 11th Street
13. 1164 11th Street
14. 1116 11th Street
15. 1296 11th Street
16. 1102 12th Street
17. 900~940 Samoa Blvd.
18. Northwestern Pacific Railroad Company Railway Line

V. Compliance and Interface with the Gateway Area Plan Policies

The character of Arcata is derived from the architectural styles of its buildings, particularly of older historical residences and commercial buildings near the City's center. Currently, most buildings are small in scale and only a few buildings are three stories or more in height.

Arcata Gateway Historic Resources treatment is defined in the Gateway Area Plan goals and policies. In accordance with the Plan's Design and Architectural Standards

section, the Gateway Plan Area design character of new developments and historic resources capitalizes on a mixture of building forms and types that reflect Arcata's evolving economic activity and conditions, as many Plan Area properties are former industrial lands associated with lumber processing.

Some of these properties have been redeveloped or adaptively reused, while others are in various stages of underutilization and disrepair. The eastern boundary of the Plan Area is three blocks from the Arcata Plaza, with the form and character of buildings in this area reflecting their proximity to Arcata's central core. More specifically, Gateway Area Plan existing design character includes the following:

Block Pattern: Arcata's grid block pattern extends into the eastern portion of the Plan Area. This block pattern is interrupted on western side of the Plan Area, particularly in areas south of 8th Street and north of 11th Street.

Site Layout. Buildings are located on sites in a range of configurations, including structures built directly adjacent to property lines and sidewalks, building setback 10-15 feet from the sidewalk behind landscaping, and building located deep within properties with little relationship to the street. Some primary building entrances are oriented towards the street, while others are inward-facing.

Building Heights and Intensity: Most buildings are one story, with some two-story buildings. The Creamery Building tower is the tallest structure in the Plan Area (over 50 feet). Some lots are either vacant or contain little habitable space. The floor area ratio (FAR) of individual properties is generally less than 1.0.

Building Character: The overall character of buildings reflects the function for which the building was originally constructed. For many of the older non-residential buildings, this is a utilitarian light-industrial character. For buildings that have been adaptively reused, the original character remains though the use has changed. The Plan Area contains several distinctive landmark structures such as the Creamery Building and Portuguese Hall.

Parking Placement and Design: On-site parking, where provided, can be found to the side or behind buildings, or in front of buildings as last option. Most on-site parking area is hardscape, and permeable wherever possible.

Facade Design. Industrial and heavy-commercial buildings typically incorporate minimal architectural detailing. Older residential structure feature stylistic features

typical of their period. Street-facing building frontage design are varied, ranging from residential porches, commercial storefronts, truck loading bays, to vinyl-clad blank walls.

Infill Development. The concept of infill development is central to the Gateway Area vision. The application can also be applied to appropriate historic resource sites. “Infill development” refers to building within unused and underutilized lands of the Gateway Area and existing development patterns. Infill development is critical to accommodating growth and redesigning our cities to be environmentally and socially sustainable.

Recommendation related to identifying current Arcata Preservation Plans, Policies and Ordinance Inconsistencies and Variability.
Along with Gateway Area Plan implementation, it is highly recommended that all existing City of Arcata policies, plans and ordinances related to Arcata’s historic preservation of potentially significant resources be re-reviewed and revised for consistency in order to accommodate public and staff utilization. Definitions of relevant terms must also be coordinated, updated and reviewed regularly. An attorney with knowledge of preservation law is highly recommended.

Document Gateway Area “Potentially Significant Historic Resources,” including the Arcata Context Statement and resources formally designated by ordinance as local historic landmarks.

Gateway Plan Historic Resources The Gateway Historic Resources list provides guidance to property owners, developers, decision-makers, staff, and the public for treatment of “potentially significant historic resources”. Applicable guidelines and standards ensure that Gateway Area changes are made in accordance to existing preservation plans, policies and ordinances (codes) to streamline design and development proposal reviews subject to City decisions and approvals.

Exterior modifications, alterations and proposed demolition to sites currently on the Gateway Area list of “potentially significant historic resources”, including properties on the Local, State or National Registers, require review by the City of Arcata. This also includes review of new construction and infill projects deemed to have possible impacts on identified historic resource(s).

VI. Historic Resource Treatment Program

Working with the City of Arcata Planning Department staff, property owners should establish a reasonable building treatment strategy for maintenance of existing historic elements, repair of deteriorated materials, replacement of missing features and construction of new additions, essentially to maintain the resource in good condition. Appropriate treatment for character-defining features of a historic resource is that the highest degree of integrity should ideally be maintained. Preservation treatments, based on National recommendations include:

- **Treatment 1:** Preserve If a feature is intact and in good condition, maintain it as such.
- **Treatment 2:** Repair If the feature is deteriorated or damaged, repair it to its original condition.
- **Treatment 3:** Replace If it is not feasible to repair the feature, then replace it in kind, (e.g., materials, detail, finish). Replace only that portion which is beyond repair.
- **Treatment 4:** Reconstruct If the feature is missing entirely, reconstruct it from appropriate evidence, or a simplified interpretation may be considered. Also, if a portion of a feature is missing, it can also be reconstructed.
- **Treatment 5:** Compatible Alteration If a new feature (one that did not exist previously) or addition is necessary, design it in such a way as to minimize the impact on original features. It is also important to distinguish new features on a historic building from original historic elements, even if in subtle ways.

Additions, compatible with the main building and relate to the building in mass, scale, character and form, should appear subordinate to the main structure. Roof forms should be compatible and additions should not damage or obscure architecturally important features.

A degree of flexibility in making alterations to help sustain the property, such a retrofit for seismic improvement, is allowable. Such decisions are based on the significance of the property, its location, and how the alteration will affect the integrity of the resource. In consideration of how the change will affect the overall character of the resource, the following treatments should also be discussed with the City of Arcata and/or qualified consultants.

Industrial Resource Facades. An industrial rehabilitation project should preserve character-defining elements as best as possible. These can include storefront original features, transoms, industrial metal sash and operable wood windows, canopy structures, siding/ sheathing and roof forms. Repair an altered building facade to its

original design or use a simplified interpretation of similar components in the area to continue the character and appropriate proportions. An addition should be compatible in scale, materials and character with the main building. An addition should relate to the building in mass, scale and form. Alterations should not damage or obscure architecturally important features. Additions should be set back from primary, character-defining facades.

VI. Potential Incentives for Historic Resources

The City of Arcata is appreciative of property owners who enhance the Gateway Area by preserving, revitalizing and caring for historic resources. Because the preservation effort involves a dedicated economic commitment and attention to a standard of realistic treatment, incentives may be available. Please consult the Arcata Planning Department staff for more details and ways to participate in these efforts, including but not limited to:

Federal Incentives Federal Historic Preservation Tax Incentives. The Preservation Tax Incentives reward private investment in rehabilitating historic properties such as offices, rental housing and retail stores. A tax credit differs from an income tax deduction. An income tax deduction lowers the amount of income subject to taxation. A tax credit, however, lowers the amount of tax owed. Tax credits are awarded for the certified rehabilitation of qualifying historic structures.

California Incentives State Historical Building Code. Revitalization of historic resources are often incompatible with standard building codes. Alterations required to bring them up to code can be costly and extensive, often even harming the historic integrity of the resource. Allowing historic structures to comply with codes that are more flexible or designed specifically for historic properties can often result in higher quality preservation projects. The State Historical Building Code allows a community to approve reasonable alternatives to standard building and mechanical requirements for buildings officially on the Notable and Significant Historic Resources List as having historic value. The SHBC is a performance code rather than a prescriptive code to provide a framework within which unique solutions may be custom tailored to the specific problems related to each historic resource. Also, standard building code, requiring full upgrading of the facility, do not exist for qualified historic buildings.

Grants to Certified Local Governments. The City of Arcata could consider establishment of an Arcata Certified Local Government (CLG). A CLG is a local government whose historic preservation program has been certified by the Office of

Historic Preservation and the National Park Service to strengthen the federal/state/local partnership. the Historic Preservation Fund (HPF), a line item in the federal budget, provides an annual grant to each state historic preservation office. At least ten percent of the state's annual HPF allocation is passed through to CLGs on a competitive basis. HPF grants are awarded to CLGs on a 60/40 (federal/local) matching basis. It is worth noting that Community Development Block Grant (CDBG) funds, discussed elsewhere in this document, are federal funds that may be used as local match for federal grants such as CLG grants Further Information:
California's CLG Program: https://ohp.parks.ca.gov/?page_id=21239
National CLG Program: https://www.nps.gov/subjects/clg/index.htm

Mills Act. The Mills Act is a California Property Tax Abatement to provide property tax relief in preserving designated historic resources in Arcata, California. The Mills Act program allows for the voluntary creation of a contract between a private property owner and the city or county to provide a reduction in property taxes. The property tax relief is calculated by the county assessor using the capitalization of income method to reflect the Mills Act restrictions placed on the property. Mills Act properties are subject to annual reassessments by County Assessors which may result in slight increases in property taxes each year. Further Information: contact the Arcata Planning Department and visit www.ohp.parks.ca.gov/default.asp?page_id=21412 OHP Technical Assistance Series #12 Other Incentives Tax .

Deduction for Facade Easements. A facade easement is a charitable tax deduction available to owners of historic buildings for donating a facade easement to a nonprofit, publicly supported organization. In return for a deduction on federal income taxes, property owners authorize the nonprofit organization to review exterior alterations to the building.

TDR and TFAR programs. Transfer of Development Rights (TDR) and Transfer of Floor Area Rights (TFAR) are economic incentive programs that help direct new development away from sensitive areas, including parcels identified as Notable and Significant Historic Resources. TDR is a market-based tool that redirects development from historically or ecologically sensitive areas to more appropriate areas. Essentially, TDR and TFAR programs help relieve market pressures from low and medium rise historic buildings by permanently removing their development potential. These types of programs make historic preservation more financially viable. All TDR programs involve "senders," who voluntarily sell the development rights of a "sending parcel" to a "receiving parcel."

References

- City of Arcata Historic Context Statement Guerra & McBane LLC March 2012
- Arcata's Historic Residential & Commercial Structures
- From Historic Preservation | Arcata, CA (cityofarcata.org)
- Historic Resource Review Process for Historic Landmarks Committee (HLC) RECOMMENDATIONS, Director of Community Development, January 14, 2022
- Proposed Gateway Plan 2022, Policy Chapter 10, Historic Resources, Planwest, page 99, Table 9: Historic Resources
- Arcata General Plan 2020, Historic Preservation Element, pages 5-35 – 36, amended Oct 2008
- Historical Resources Survey 2012
- City of Arcata Design and Historic Preservation Elements
- City of Arcata Municipal Code Chapter 9.53 and Section 9.72.040
- 9.53.020 Applicability
- California Environmental Quality Act (CEQA)
- Arcata Land Use Code and the Municipal Code, 9.53.050 Alteration of Historic Structures, Districts, and Neighborhoods
- Land Use Code Administration updated 2022.
- Action of the City Council of the City of Arcata for the DAGGETT DESIGN Review Permit File No: 178-011-DR-ZR; APN 020-091-003; 1619 H Street Approved, 2017 ACTION
- City of Arcata, Community Development Department (CDD): Procedure for the Identification, Recordation, Evaluation and Management of an Archaeological Site or Native American Traditional Cultural Property (TCP).
- City of Arcata, Historic Landmarks Committee
- City of Arcata, CDD Significance Criteria for Listing
- City of Arcata, CDD Procedure for Designation of a Noteworthy Structure

Appendix A
Adopted July 27, 2022

Review Procedure and Criteria for accepting "Potentially Historic Resources" into the record and for inclusion in the General Plan, as appropriate

Staff requests the committee formally adopt the following method for formally accepting sites into the record as containing potentially historic resources. The ongoing process for review will be as follows:

1. Approve sites with unanimous vote of the full Committee, approving the addition of each site.
2. Support the stance that non-voluntary identification of a building, structure, object, or site, or district as potentially significant must require a higher threshold of significance than voluntary listing as a local landmark property.
3. Adhere to previously identified sites where research has already been undertaken by a historic resources professional through a formal survey process.
4. Adhere to historic styles identified in the Susie Van Kirk's survey and Arcata's General Plan, which are limited to: Settlement, Craftsman, Victorian, and Transitional styles.
5. Adhere to the criteria outlined below for evaluation.

In order to be eligible for listing, a structure should have at least one of the following attributes, with a focus on design and architectural character. In addition to the requirement of fitting one or more of the following four criteria, the site must meet the thresholds set for age, rarity, condition, integrity, and significance, as described below.

1. *Representative of a particular architectural style identified in the City's Historical Preservation Element (Settlement, Victorian, Transitional, Craftsman).*
2. *Representative of a period in the city's historical development as identified in the City's Context Statement.*
3. *Associated with social history of the city as identified in the City's Context Statement.*
4. *Of unusual or special design character.*

In addition to the above criteria, eligibility for enacting historic protections shall also involve examining the property's age, significance, abundance, condition, and integrity.

Age and abundance: Is the property 50 years of age or greater? If so, is it either 1) a truly excellent and representative example of a common type of structure typical of one of Arcata's protected architectural eras (Settlement, Victorian, Transitional, Craftsman), or 2) a truly excellent example of a unique or unusual architectural style not commonly represented in the City of Arcata?

Condition and Integrity: Is the property old enough to be considered historic (generally at least 50 years old) and does it still look much the way it did in the past? Does it retain sufficient integrity, defined as both its similarity to its original construction and its retained ability to convey its significance, considering aspects of location, design, setting, workmanship, materials, feeling, and association?

Quality of Significance/Distinguishing Characteristics: Is the property associated with an important historic context as identified in the City's Historical Preservation Element or in the City's Historic Context Statement? For example, is the site associated with persons, events, activities, or developments that were important in the past? Does the site have the potential to yield significant information through archeological investigation about Arcata's past, or contain other characteristics that set it apart from similar resources?

Appendix E

Environmental Database Review Data

11228577.5.3.5 - Arcata, CA

Mulitple - ARCATA, CA

Arcata, CA 95521

Inquiry Number: 6904913.3

March 28, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/28/22

Site Name:

11228577.5.3.5 - Arcata, CA
Mulitple - ARCATA, CA
Arcata, CA 95521
EDR Inquiry # 6904913.3

Client Name:

GHD Inc.
655 Montgomery Street Suite 10
San Francisco, CA 94111
Contact: Matt Tolley

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GHD Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

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PO # NA

Project 11228577.5.3.5 - Arcata, CA

Maps Provided:

1961
1951
1941
1928
1919
1908
1900

Sanborn® Library search results

Certification #: 0203-4111-8AC0

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Key

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1961 Source Sheets

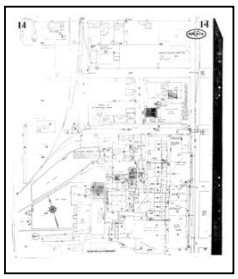


Volume 1, Sheet 14
1961



Volume 1, Sheet 15
1961

1951 Source Sheets



Volume 1, Sheet 14
1951



Volume 1, Sheet 15
1951

1941 Source Sheets



Volume 1, Sheet 14
1941



Volume 1, Sheet 15
1941

1928 Source Sheets



Volume 1, Sheet 14
1928



Volume 1, Sheet 15
1928

Sanborn Sheet Key

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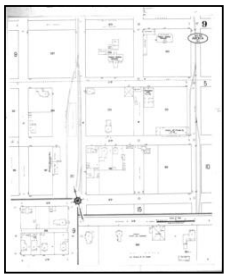

Volume 1, Sheet 9
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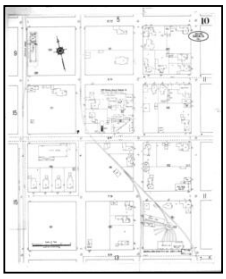

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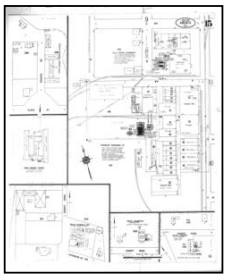

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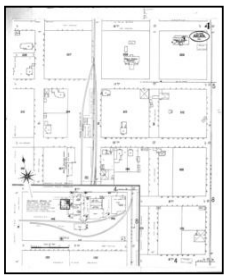

Volume 1, Sheet 4
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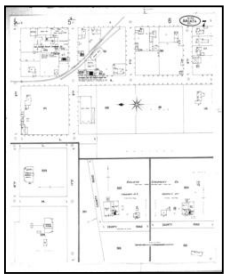
Volume 1, Sheet 8
1908

1900 Source Sheets



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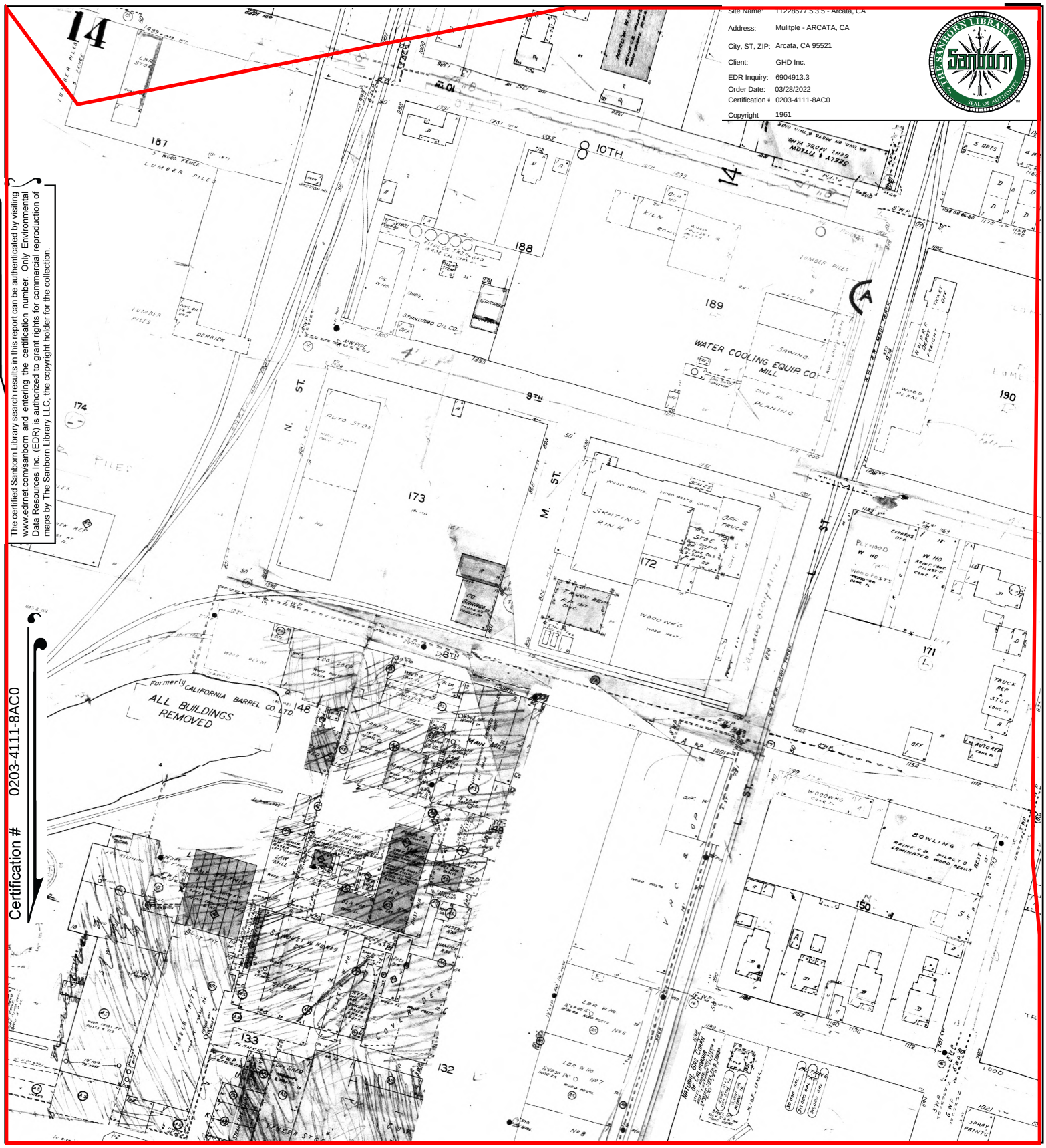

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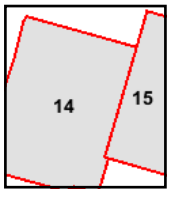

Volume 1, Sheet 15
Volume 1, Sheet 14

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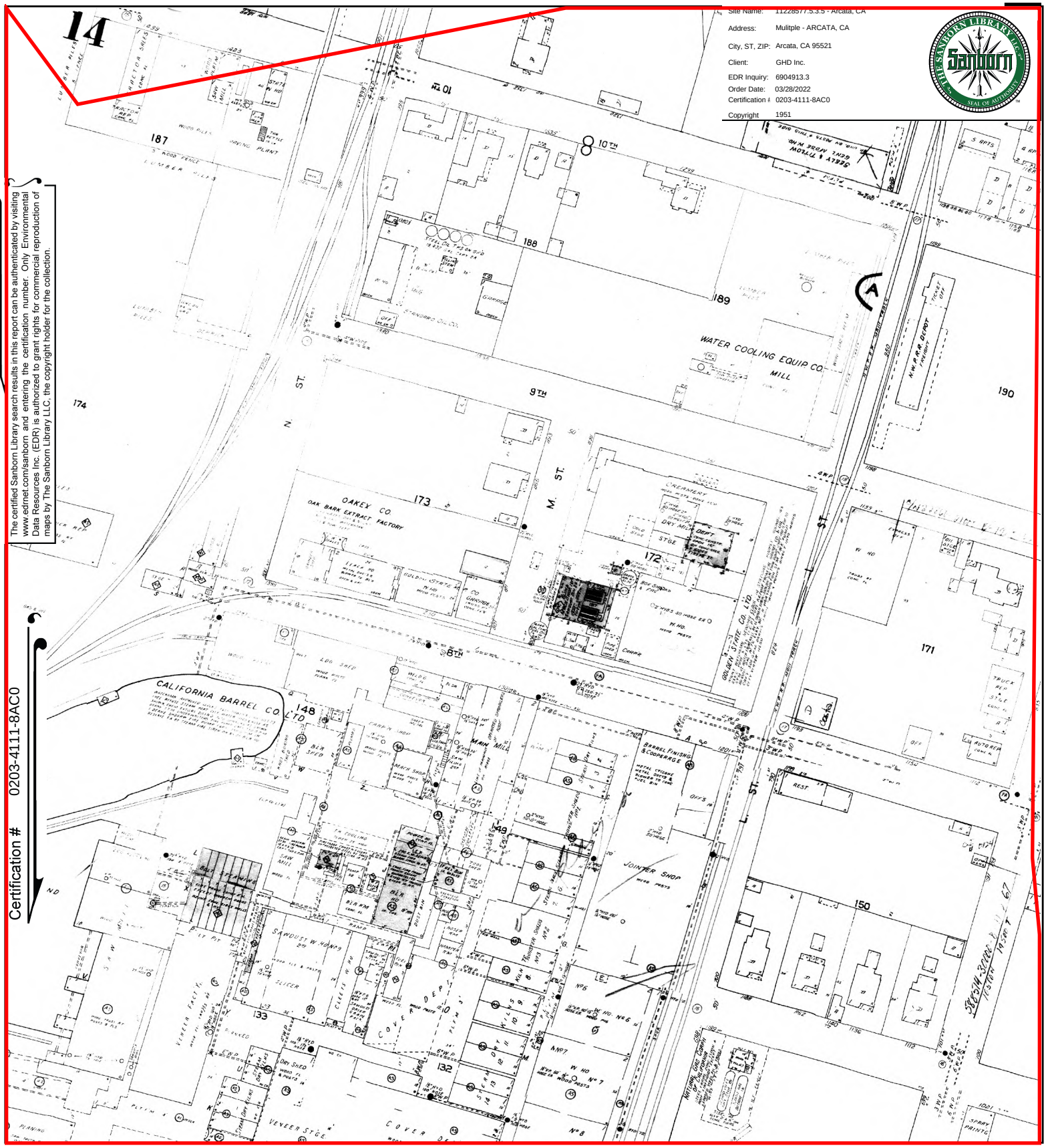

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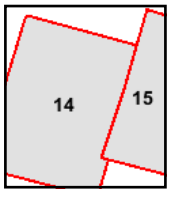

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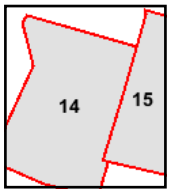

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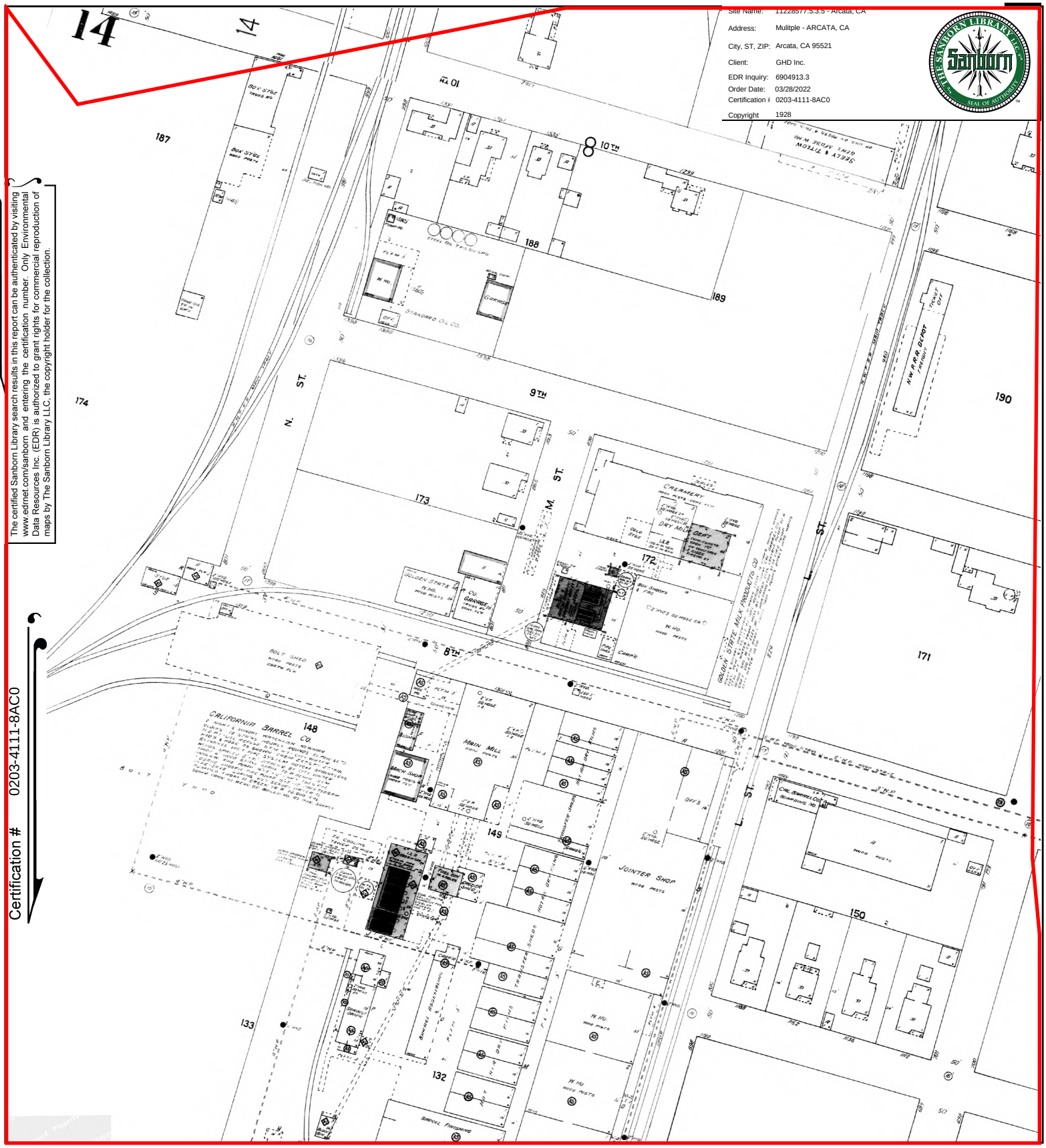

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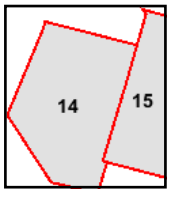

Volume 1, Sheet 15
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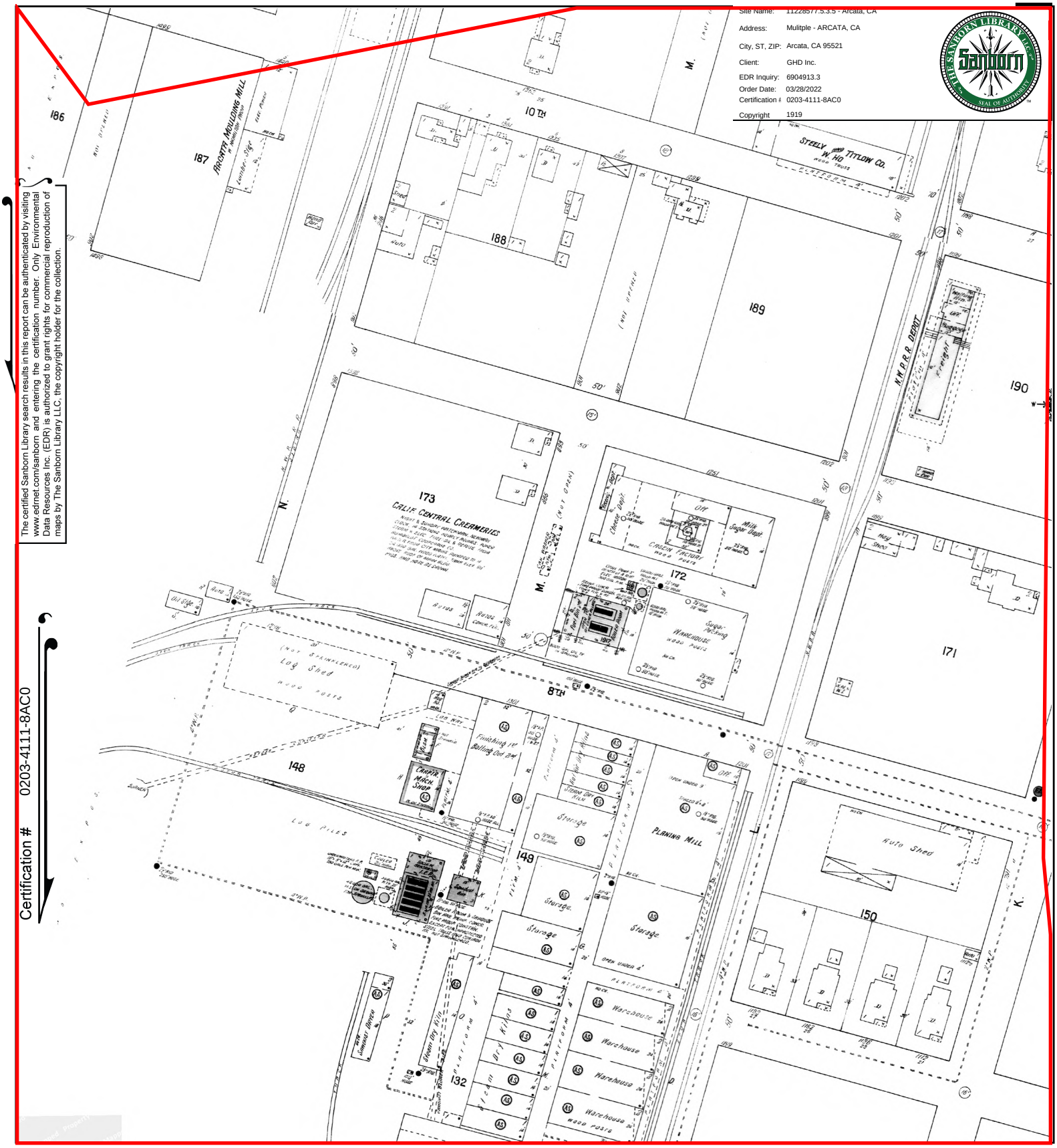

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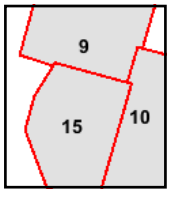

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Volume 1, Sheet 10
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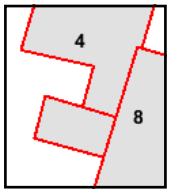

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Address: Mulitple - ARCATA, CA
City, ST, ZIP: Arcata, CA 95521
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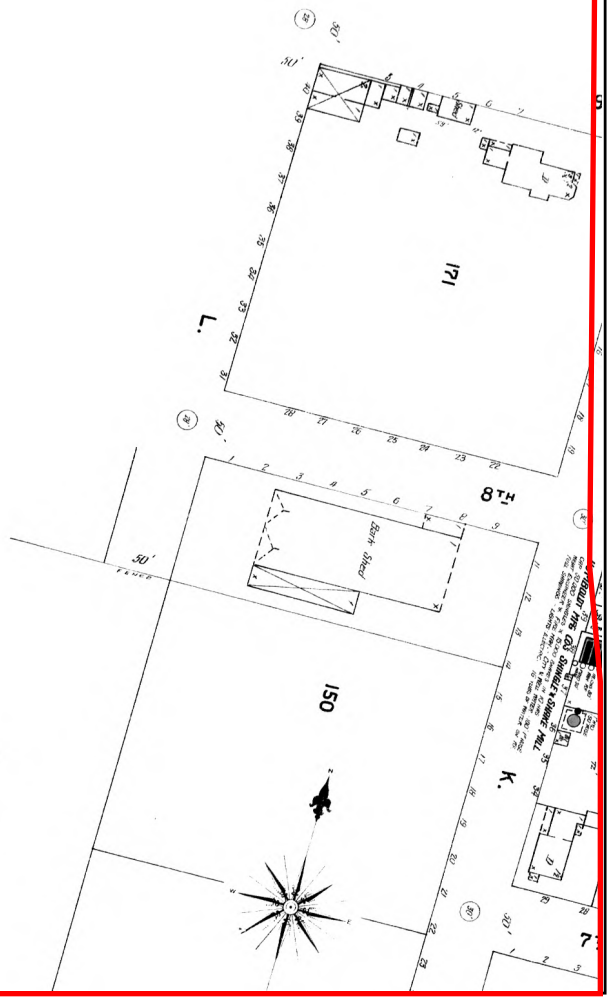

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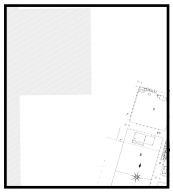

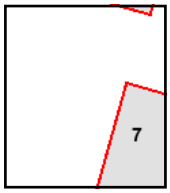

Volume 1, Sheet 7

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11228577.5.3.5 - Arcata, CA

Mulitple - ARCATA, CA

Arcata, CA 95521

Inquiry Number: 6904913.8

March 24, 2022

The EDR Aerial Photo Decade Package

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/24/22

Site Name:

11228577.5.3.5 - Arcata, CA
Mulitple - ARCATA, CA
Arcata, CA 95521
EDR Inquiry # 6904913.8

Client Name:

GHD Inc.
655 Montgomery Street Suite 10
San Francisco, CA 94111
Contact: Matt Tolley

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Search Results:

Year	Scale	Details	Source
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2009	1"=625'	Flight Year: 2009	USDA/NAIP
2005	1"=625'	Flight Year: 2005	USDA/NAIP
1993	1"=625'	Acquisition Date: January 01, 1993	USGS/DOQQ
1989	1"=625'	Acquisition Date: April 28, 1989	USGS/DOQQ
1983	1"=625'	Flight Date: August 15, 1983	USDA
1974	1"=625'	Flight Date: January 28, 1974	USGS
1972	1"=625'	Flight Date: July 15, 1972	USGS
1969	1"=625'	Flight Date: August 05, 1969	USGS
1957	1"=625'	Flight Date: June 06, 1957	USGS
1954	1"=625'	Flight Date: August 03, 1954	USDA
1941	1"=625'	Flight Date: November 23, 1941	USDA

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YEAR: 2016
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 2012
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 2009
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 2005
= 625'
N
EDR

UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED



INQUIRY #: 6904913.8

YEAR: 1993

= 625'

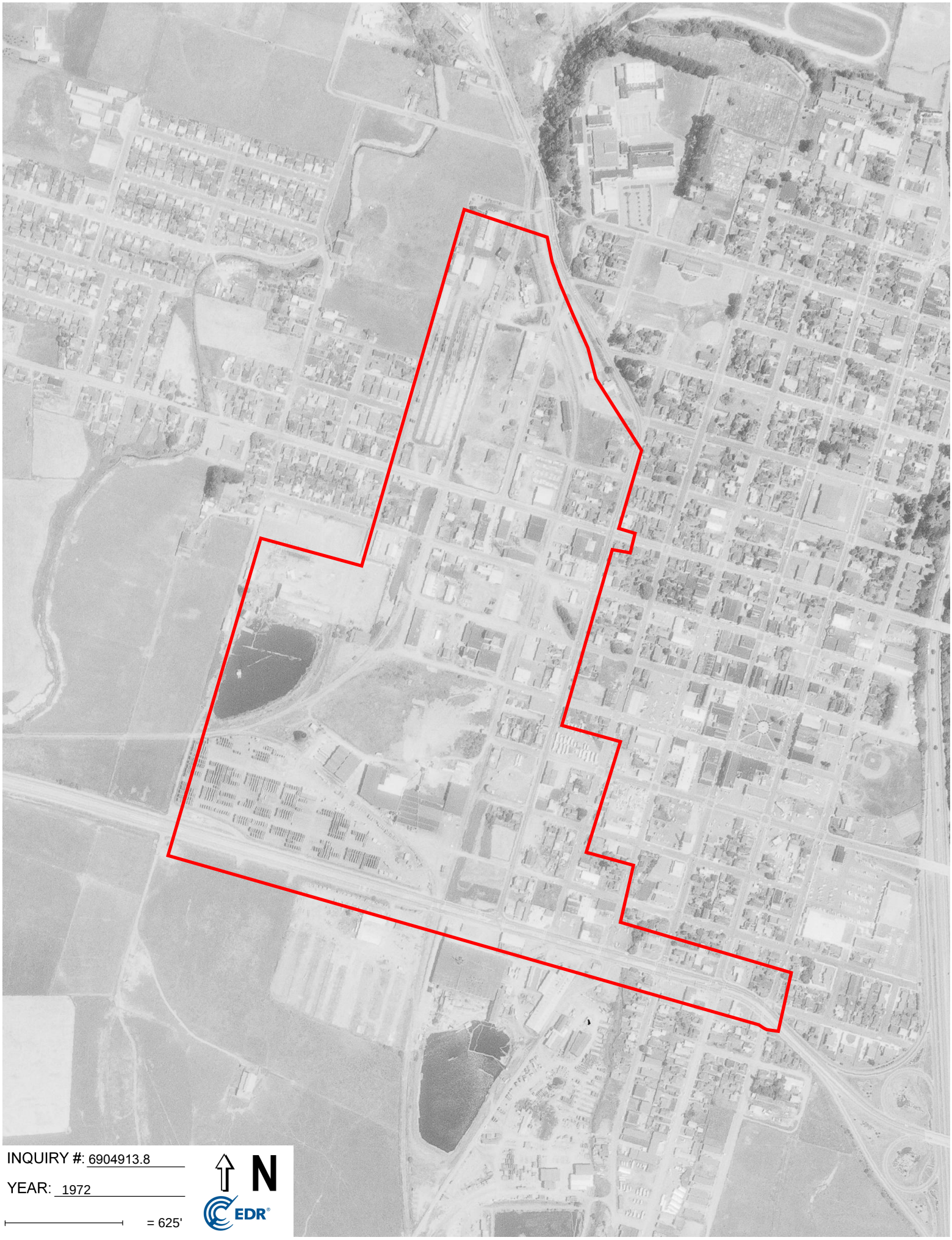
N

EDR


INQUIRY #: 6904913.8
YEAR: 1989
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 1983
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 1974
= 625'
N
EDR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YEAR: 1972
= 625'
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EDR



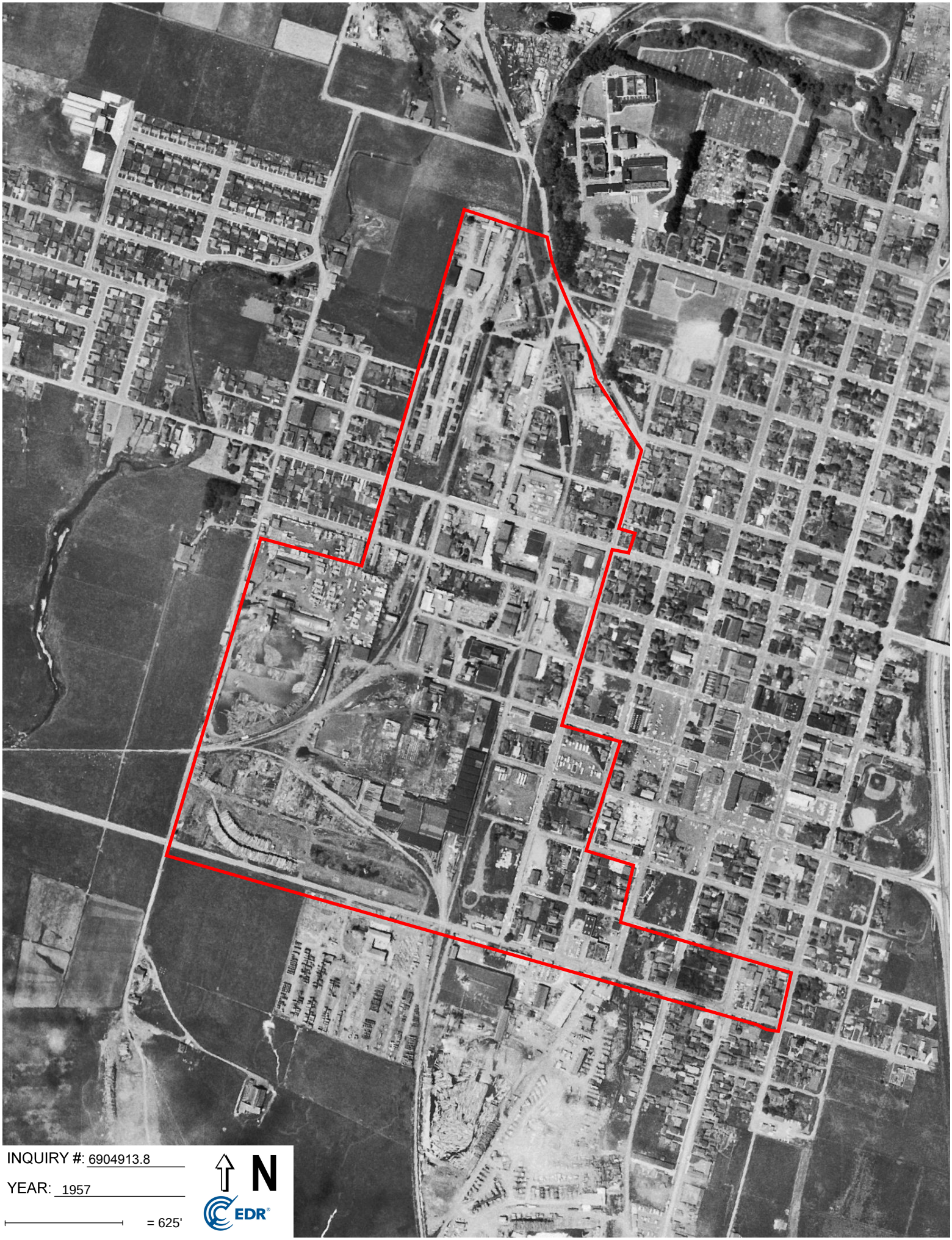
INQUIRY #: 6904913.8

YEAR: 1969

= 625'

N

EDR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YEAR: 1957
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 1954
= 625'
N
EDR


INQUIRY #: 6904913.8
YEAR: 1941
= 625'
N
EDR

11228577.5.3.5 - Arcata, CA
Mulitple - ARCATA, CA
Arcata, CA 95521

Inquiry Number: 6904913.5
March 23, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1982	☑	☐	POLK DIRECTORY CO
1977	☑	☐	POLK DIRECTORY CO
1972	☑	☐	POLK DIRECTORY CO
1968	☑	☐	POLK DIRECTORY CO
1964	☑	☐	POLK DIRECTORY CO
1958	☑	☐	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

Mulitple - ARCATA, CA
Arcata, CA 95521

Year	*CD Image*	*Source*
10TH ST		
2017	pg A1	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A8	EDR Digital Archive
2005	pg A12	EDR Digital Archive
2000	pg A16	EDR Digital Archive
1995	pg A19	EDR Digital Archive
1992	pg A22	EDR Digital Archive
1982	pg A25	POLK DIRECTORY CO
1982	pg A26	POLK DIRECTORY CO
1977	pg A31	POLK DIRECTORY CO
1977	pg A32	POLK DIRECTORY CO
1972	pg A37	POLK DIRECTORY CO
1972	pg A38	POLK DIRECTORY CO
1968	pg A41	POLK DIRECTORY CO
1968	pg A42	POLK DIRECTORY CO
1964	pg A45	POLK DIRECTORY CO
1964	pg A46	POLK DIRECTORY CO
1958	pg A49	POLK DIRECTORY CO
1958	pg A50	POLK DIRECTORY CO
1958	pg A51	POLK DIRECTORY CO
9TH ST		
2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A10	EDR Digital Archive
2005	pg A14	EDR Digital Archive
2000	pg A17	EDR Digital Archive

FINDINGS

Year	CD Image	Source
1995	pg A20	EDR Digital Archive
1992	pg A23	EDR Digital Archive
1982	pg A27	POLK DIRECTORY CO
1982	pg A28	POLK DIRECTORY CO
1977	pg A33	POLK DIRECTORY CO
1977	pg A34	POLK DIRECTORY CO
1972	pg A39	POLK DIRECTORY CO
1968	pg A43	POLK DIRECTORY CO
1964	pg A47	POLK DIRECTORY CO
1958	pg A52	POLK DIRECTORY CO
1958	pg A53	POLK DIRECTORY CO

L ST

2017	pg A3	EDR Digital Archive
2014	pg A7	EDR Digital Archive
2010	pg A11	EDR Digital Archive
2005	pg A15	EDR Digital Archive
2000	pg A18	EDR Digital Archive
1995	pg A21	EDR Digital Archive
1992	pg A24	EDR Digital Archive
1982	pg A29	POLK DIRECTORY CO
1982	pg A30	POLK DIRECTORY CO
1977	pg A35	POLK DIRECTORY CO
1977	pg A36	POLK DIRECTORY CO
1972	pg A40	POLK DIRECTORY CO
1968	pg A44	POLK DIRECTORY CO
1964	pg A48	POLK DIRECTORY CO
1958	pg A54	POLK DIRECTORY CO

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2017

937	GRIFFIN
	HAWK INDUSTRIAL & MACHINE
	HUMBOLDT JUICE WORKS
	ROBERT GOODMAN WINES
946	MCBAIN, SCOTT M
1022	HAUSER, DANIEL E
1050	COURTEAU, MICHAEL D
1061	NAGAN, JOHANNA G
1065	ROOT ESSENTIALS
1068	DAUGHERTY, NICHOLAS E
1092	VEVODA, SARAH L
1093	SALAZAR, ANDRES A
1158	GOERNERT, EMILY
1168	CAMPBELL, ED J
	GILBRIDE, REBECCA C
	JOHNSTON, JT T
	SURBER, ERIC A
1178	BOWDEN, DERK
1188	CUPP, VALERIE
	DANIELS, GERALD E
1310	ANTHONY KAHN FURNITURE
1313	K ARCHITECT BOODJEH AIA
1320	AMARAL FURNITURE
1335	BOODJEH, KASH
1345	TAYLOR, CORY
1386	ARSIC, ANNA B
1391	FRIMODIG, JACK W
1400	LPL FINANCIAL
1422	PETERSON, JANAH U
1498	DELACABADA, FRANCISCO
1505	MENDOZA, DIEGO
1525	MCKINNEY, COURTNEY C
1534	ELLIOTT, MICHAEL J
1545	COLLERAN, KATHERINE
1556	AMARAL, JOSEPH M
	SENDEJAS, RYAN
1578	CLASS, ROBERT C
1585	SMITH, JOSHUA S
1595	GREEN, ROBERT M
1598	COLE, RUSSELL S
1604	DUSI, GINA
1624	ROGERS, MICHELE
1625	STUMPF, JOSHUA D

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 2017

932	SEW WHAT
964	DAVOODIARIA, NIKKI
	HAYDA, MEGAN L
	SERRATO, SUSANA R
	SWITZER, JOSHUA S
1039	ATSUMI, CHENDA
	LLOYD, CATHERINE
	SMITH, ELLIS
1058	GRUNBAUM, CAITLIN
1068	TUCKELL, TRAVIS
1088	WARD, MITCH H
1251	ARCATA PLAYHOUSE
1266	NORTHCOAST CHILDRENS SERVICES
	STATE OF CALIFORNIA
1300	HOLLY YASHI DESIGN INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 2017

760	STARR, PHILIP D
780	CLYDE, JOHNNY
824	FEDERICI, BRIAN J
	FINIGAN & THONSON WOODWORKS
	FORBES, JAY T
	HUMBOLT BAY HOUSING DEVELOPMENT CORP
	PHOENIX CERAMICS
	SUN FROST
880	PACIFIC BUILDERS
890	PARKINSON DOUG & ASSOC
	PAYNE THOMAS R & ASSOCIATES
	PAYNE THOS R & ASSOCIATES
1226	KELLER, BRIAN J
	POOCHER, RUSSELL
	SEVERDIA, JOSEPH D
1236	BENDER, MEGAN N
	CADENA, ALFREDO
1272	OCALLAGHAN, ROBERT
	RIGGINS, ERICKA N
1286	HAYWOOD, JENNA A
	MARTIN, TAYLER N

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2014

937	HAWK INDUSTRIAL & MACHINE
	ROBERT GOODMAN WINES
946	MCBAIN, SCOTT M
974	KNICKERBOCKER, RON M
991	BARSANTI TRISH A DDS
1017	HONOROF FAYE MS MFT
	JONES APRIL MA MFT
	LEE BARRY M DDS
1022	OCCUPANT UNKNOWN,
1050	STAFFORD, G
1061	NAGAN, JOHANNA G
1065	ROOT ESSENTIALS
1068	SEGAL, MARA H
1092	OLIVEIRA, TIMOTHY
1093	NO LIMITS
1158	MOREHOUSE, FREDERICK R
	SELWAY, KATHRYN E
1168	CAMPBELL, ED J
	CARNEAL, M
	DIBENE, EARL G
	JOHNSTON, J T
1178	LAIRD, CALANDRA
1188	BAGLEY, GREG
	GASHO, KYLE
	RUSSELL, PAULINE K
1305	CHADS AUTOMOTIVE REPAIR SERVICE
	NORTH BAY AUTO & MAINTENANCE
1310	ANTHONY KAHN FURNITURE
1313	BOODJEH K ARCHITECT AIA
1320	AMARAL CUSTOM FURNITURE
1335	BOODJEH, KASH
1340	ANGELS OF HOPE THRIFT STORE
1345	HINSHAW, MATTHEW
1352	CARDOZA, MARIA L
	PRESSEY, JACOB R
1386	NAVARRO, SABRINA
1391	FRIMODIG, JACK W
1400	HOULDSWORTH KEN CFP
	LPL FINANCIAL KEN HOULDSWORTH CFP
1422	PETERSON, KAINOA
1445	ARCATA RESOURCE RECOVERY CENTER
1498	WOOD, CHRIS S
1499	FAIRWIND PRODUCTIONS
	WEST COAST WINDOWS
1505	POTTER, DIANE
1512	BERG, JOANNA
1525	OCCUPANT UNKNOWN,
1534	HOLLISTER, BURTON T
1545	BEMIS, CHRISTOPHER
1556	AMARAL, JOSEPH M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2014 (Cont'd)

1556 OCCUPANT UNKNOWN,
1565 OCCUPANT UNKNOWN,
1578 CLASS, ROBERT C
1585 SMITH, KYLE
1595 GREEN, ROBERT M
1598 COLE, RUSSELL S
1604 DUSI, GINA
1605 OCCUPANT UNKNOWN,
1624 OCCUPANT UNKNOWN,
1625 STUMPF, JOSHUA D

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 2014

932	SEW WHAT
940	ARCATA HOLISTIC HEALTH CENTER
964	FESSENDEN, SCOTT
	THOMPSON, SKY A
	WILKINS, MARGARET
988	BILLSTROM, ROBERT J
	BOOTIER, EARL R
	YOUNG, JADE
1039	PADILLA, SUSAN L
	SIEBERT, CAROLYN E
1058	HAMBLIN, SARAH
1068	CARNAM, ROSALIE
1088	RUSCO, AMBER
1251	ARCATA PLAYHOUSE
1266	STATE OF CALIFORNIA
1300	HOLLY YASHI DESIGN INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 2014

760	STARR, PHILIP D
770	SLOAN, MARY S
780	OCCUPANT UNKNOWN,
824	FEDERICI, BRIAN J
	FINIGAN & THONSON WOODWORKS
	FORBES, JAY T
	HUMBOLT BAY HOUSING DEVELOPMENT CORP
	PHOENIX CERAMIC & FIRE SUPPLY
	REDWOOD RAKS WORLD DANCE STUDIO
	SUN FROST
880	PACIFIC BUILDERS
890	PARKINSON DOUG & ASSOC
	PAYNE THOMAS R & ASSOCIATES
	PAYNE THOS R & ASSOCIATES
1226	ADAMS, ED J
	MYERS, STEPHANIE L
	OLIVER, TRAVON
	PLOCHER, RUSSELL
	SALAZAR, FRED L
	SEVERDIA, JOE D
1236	MAHALEY, AHMAD Q
	MALLORY, SHANE C
	STUSIAK, RACHEL
1272	ADAM, SCHELE
	RIGGINS, ERICKA N
1286	SIMMONS, JADE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2010

937	HAWK INDUSTRIAL & MACHINE
	ROBERT GOODMAN WINES
946	OCCUPANT UNKNOWN,
974	KNICKERBOCKER, RON M
991	RONALD N BARSANTI INC
1017	JONES APRIL
	LEE BARRY M DDS
	MO MUSIC
1019	DANIELSON JAMES C DDS
1022	OCCUPANT UNKNOWN,
1050	STAFFORD, G
1061	SNYDER, LORI R
1068	SEGAL, MARA H
1092	JERMYN, THOMAS
1093	NO LIMITS
	SALAZAR, ANDRES A
1158	CLARK, PEGGY E
1168	BURKE, REBECCA
	CAMPBELL, ED J
	COLOMBANO, PHILIP A
	DIBENE, EARL G
	KELLY, MEGHAN
1178	GOLNIK, JUSTIN C
	MCGUIRE, KATE
1188	DEMARK, JULIAN
	POWELL, SETH
	STEHR, SAM
1305	NORTH BAY AUTO & MAINTENANCE
1330	DAVID KELLEY FINE FURNITURE
	TURK PENCZER FURNITURE MAKERS
1335	LEDERMAN, DAVID I
1340	ANGELS OF HOPE THRIFT STORE
1345	OCCUPANT UNKNOWN,
1352	CARDOZA, MARIA L
	DELGADO, GRACIELA G
1386	CHAMBERLAIN, CHARLIE D
1400	KEN HOULDSWORTH FINANCIAL SVC
	LINSCO PRIVATE LEDGER FNCL SVC
1422	SHARPLES, NATHAN
1498	OCCUPANT UNKNOWN,
1499	FAIRWIND PRODUCTIONS
	WEST COAST WINDOWS CO
1534	ENCINIAS, LEE J
	HIGHFIELD, WES
	OCCUPANT UNKNOWN,
	POSH, D
1556	AMARAL, JOSEPH U
	OCCUPANT UNKNOWN,
1578	CLASS, ROBERT C
1598	COLE, RUSSELL S

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2010 (Cont'd)

1598 OCCUPANT UNKNOWN,
1604 DUSI, GINA
1624 MOORE, MICHAEL G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 2010

932	SEW WHAT
940	OASIS CHINESE MEDICINE & ARTS
964	DESPARS, MIKE
	GREEN, PAUL T
	MARTINEZ, PATRICIA
	SILVA, IRIBE
	WILLARD, HENRY W
988	BOOTIER, EARL R
1039	BARAHONA, LETICIA
	FRASER, JANET
	HAAS, LILY
	RAFFA, JOE J
1068	LEASH, SIERRA A
1085	OCCUPANT UNKNOWN,
1088	OCCUPANT UNKNOWN,
1251	ALMAS MEXICAN EXPRESS FOOD
	ARCATA PLAYHOUSE
1288	WILD HARE SALON

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 2010

760	STARR, PHILIP D
780	OCCUPANT UNKNOWN,
824	AREVALO, W
	FEDERICI, BRIAN
	FINIGAN & THONSON WOODWORKS
	HUMBOLDT BAY HOUSING DEVMNT
	PHOENIX CERAMIC & FIRE SUPPLY
	STAMMERS MINI STORAGE
	ZEITLIN, GABRIELLE V
890	DOUG PARKINSON & ASSOC
	THOMAS R PAYNE & ASSOC
1226	ADAMS, ED J
	LUKING, ANNE
	OSBORN, LAUREL
	SALAZAR, MOISES Q
	SEVERDIA, STEVE
1236	MAHALEY, HAROLETTA
1272	FONSECA, MANUEL
	GONZALEZ, FERNANDO
	LONG, JENNIFER I
	ROSS, JESSICA
1286	ROBBINS, AMBER M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2005

974	KNICKERBOCKER, RON M
991	BARSANTI RONALD N DDS INC
1017	LEE BARRY M DDS
1022	HAUSER, DANIEL E
1050	OCCUPANT UNKNOWN,
1061	ORLANDI, DAN R
1068	SEGAL, MARA H
1092	DAVIE, ERICA
	SCHWAB, JODY L
1093	ATKINS-SALAZAR, ANDY
1158	FRANCIS, NICOLE
1168	BLACK, ERIC A
	CAMPBELL, ED J
	DALTON, MEAGAN
	DEBRUYN, AARON
	DIBENE, EARL G
	GRAFF, J
	RUELLE, SYLVIE
1178	KHOUPRADIT, DAENG
1188	DAWSON, MELANIE
	DAY, AMY
	ELIE, DAVID
	LEEPER, KIRSTEN N
	STEHR, SAM
	WEILAND, JUDITH
1305	NORTH BAY AUTO & MAINTENANCE
1330	OCCUPANT UNKNOWN,
1335	LEDERMAN, DAVID
1340	SALVATION ARMY THE
	WESTERN TERRITORIAL SALVATION
1345	GAZZERA, NATALIA M
1352	CARDOSO, MARIA L
	FULLER, JOHN
	RINKER, CHRIS
	SIADE, ADAM
1386	CHAMBERLAIN, CHARLIE D
1391	OCCUPANT UNKNOWN,
1400	HOULDSWORTH KEN CFP LPL FINANCIAL SE
1422	PETERSON, KAINOA
1498	BERESFORD, RICHARD P
1499	AUTHORIZED DEALER HSK CONSTRUCTION
	AUTHORIZED DEALER TURTLE ISLAND HOME
	WEST COAST WINDOW CO
1512	DONOHUE, CAROLYN
1534	OCCUPANT UNKNOWN,
	WIDLUND, BRYAN
1556	AMARAL, JOSEPH U
	OCCUPANT UNKNOWN,
1578	CLASS, ROBERT C
1598	COLE, RUSSELL S

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2005 (Cont'd)

1598 OCCUPANT UNKNOWN,
1604 DUSI, GINA
1624 FRAGA, AUGUSTO C

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 2005

932	SEW WHAT
964	BARRY, JEFFERS
	DERBER, BRYDEN
	FLYINGPADMA
	FRANK, DANIEL
	GOSSELIN, SHANE
	GREEN, PAUL T
	MAMMONE, TONYA
	SEVERSON, KARI A
	SILVA, IRIBE
	WALKER, LINDEN
	WALLACE, SARAH
988	BOOTIER, EARL R
	DURHAM, SUSAN E
	HOELER, DONALD
	LAGLEY, KEITH
	SCHWARTZ, ROBERT J
1039	BONANNO, TOM
	COULTER, AMELIA T
	DAVENPORT, JASON T
	FRASER, JANET
	GHAFFARI, SAMSON
	KEMP, MARIA
	OLIVERA, LINDSAY
	RAFFA, JOE J
	ROANE, JENNIFER E
1058	REDD, AIMEE
1068	BENNETT, AMBER
1085	KADLE, JACOB W
1088	ARCINIEGA, JAMES
1251	AQUARIAN PATHWAYS
	BALLET ARCATA
	HALES, SADIE
	POTTBERG, ROBERT S
	REEB, PATRICIA A
1266	EARLY HEAD START NORTHCOAST CHILDREN
	NORTHCOAST CHILDRENS SERVICE
1300	HOLLY YASHI
1380	ACRCS REUSABLES DEPOT THRIFT STORE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 2005

707	AAA CA STATE AUTOMOBILE ASSN
760	STRAUB, BILL L
770	RAIN, WILLOW
780	FARIS, ADIB
824	ACADEMY OF BALLET ARTS
	DANCENTER
	FEDERICI, BRIAN
	FINIGAN & THONSON STORAGE
	OLD CREAMERY MINI STORAGE
	PHOENIX CERAMIC & FIRE SUPPLY
	STAMMER, PATRICIA A
	STUDIO 24
	SUN FROST
880	PACIFIC BUILDERS
890	PARKINSON DOUG & ASSOCS
1226	DEKNIKKER, COLIN A
	LADY, MATT
	LUKING, ANNE
	OSBORN, LAUREL
	RAZO, RAMON
	SALAZAR, MOISES Q
	SEVERDIA, STEVE
1236	MENDEZ, JOSE
	PANTOJA, JORGE S
	VALENZUELA, GREGORIO C
1272	BROWN, MELE
	FARVER, RACHELLE
	FONSECA, MANUEL
	GONZALEZ, MACARIO
	GRAY, SAMANTHA
	HARRIS, NAHAM
	MURPHY, SHAUN
	STRUSS, BENJAMIN
	TRIMARCO, TOM
	WALSH, DANIEL
	WYNN, JAMES
1286	DAVIS, DAN
	ROBBINS, AMBER M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 2000

937	B & T HYDRAULICS & PNEUMATICS INCORPORATED
	HAWK INDUSTRIAL & MACHINE
946	DAVIS, A B
974	KNICKERBOCKER, RON
991	BARSANTI RONALD N DDS INCORPORATED
1017	LEE BARRY M DDS
1019	BRINKHAUS LILY DDS
	DANIELSON JAMES C DDS
1022	HAUSER, DANIEL E
1050	OCCUPANT UNKNOWN,
1058	JONES, BARBARA
1068	DAUGHERTY, CHRIS
1092	OCCUPANT UNKNOWN,
1093	CALL, ANDREW
1158	OCCUPANT UNKNOWN,
1168	CAMPBELL, ED
	DAUGHERTY, GEOFF
	DIBENE, EARL
	LANGLOIS, CAROL P
	SOOY, D
	WAGGONER, DAMEON L
1178	JOHNSON, ERICA L
1188	ERIK, RYAN T
1305	CATE AUTO UPHOLSTERY & GLASS
	NORTH BAY AUTO
1320	AMARAL JOSEPH FURNITURE MAKR
	DINA RUBIOLO WOODWORKS
1335	CANADA, ANTHONY
1340	SALVATION ARMY THE
1352	CARDOZA, JOE
	JENNINGS, GREG
1386	CHAMBERLAIN, NANCY
1391	TOSTE, JOHN C
1422	OCCUPANT UNKNOWN,
1498	BERESFORD, RICHARD
	BLOMSTROM, C J
	JENICAN, B C
1499	FIRE & LIGHT ORIGINALS
	OCCUPANT UNKNOWN,
	POZZI WOOD WINDOWS AUTHORIZED DISTRIBUTOR WEST COAST WI
1556	BLACKBURN, DORI L
1578	CLASS, KIM
1598	COLE, RUSSELL S
1624	FRAGA, AUGUSTO

Target Street	Cross Street	Source
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9TH ST 2000

932	SWEET HOME REALTY
	WAKER, LEZ
964	FREIDENFELT, MALEHA
	HALVERSON, MATTHEW W
	HARTWIG, C
	LAFFRANCHINI, CALEB C
	RAGER, TOM
	ROBINSON, ROBIN L
	ZUNIGA, V M
988	BOOTIER, EARL
	LINDBERG, VANESSA
995	DAS, KALIYA D
1039	BISSON, JOEL A
	BROWN, J A
	DAILY, MOLLY D
	HERNANDEZ, STACIE
	KORPI, JOHN R
	PEREZ, JENNY
1068	LORD, CRAIG
1088	SKWEIR, MICHAEL
1251	ACADEMY OF BALLET ARTS
	OLD CREAMERY DANCENTER
1300	HOLLY YASHI DESIGN
1380	ARCATA COMMUNITY RECYCLE CENTER INCORPORATED CURRENT PRICES
	ARCATA COMMUNITY RECYCLE CENTER INCORPORATED OFFICE BUS
	ARCATA COMMUNITY RECYCLING CENTER INCORPORATED THRIFT STORE
	RECYCLING CENTER ARCATA COMMUNITY RECYCLING CENTER INCORPORA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 2000

760	MCLAUGHLIN, SHANNON L
780	OCCUPANT UNKNOWN,
824	BALLET ARCATA STUDIO
	FEDERICI, BRIAN
	FINIGAN & THONSON WOODWORKS
	PHOENIX CERAMIC & FIRE SUPPLY
	SUN FROST
1226	COLBERT, ERIC A
	SALAZAR, MOSES
	STANSBURY, FELICIA J
	TIDWELL, EMILIE H
	YANEZ, G
1236	ANTICH, ERIN C
	BOSTWICK, J
	MIRANDA, E
	SPENCER, ADAM
	VICKERY, MICAH R
1272	CLARK, S M
	FUENTES, JOSE L
	MAGUIRE, CONOR P
	NOLAN, TARA
	RIDENOUR, JESSE
	TILLISCH, PER A
1286	JACKSON, AMBER M
	WEST, LAUREN J

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 1995

946	DAVIS, A B
974	KNICKERBOCKER, RON
	RICHEY, ROY
991	RONALD N BARSANTI DDS
1017	W DEE MEDLEY DDS
1019	PETER W BALL DDS
1022	HAUSER, DANIEL E
1050	OCCUPANT UNKNOWNN
1068	CAUGHERTY, CHRIS
1092	BABBITT, TERI L
1093	HUMBOLDT DANCE ACADEMY
	MULLER, NANCY J
1168	BRANAMAN, ANGELA
	CAMPBELL, ED
	MCCULLOCH, DAWN
	MENDERSHAUSEN, JULIE R
	TUTTLE, SHAWN
1178	OCCUPANT UNKNOWNN
1188	HAYES, B
	OHNERSORGEN, PAUL
	SCHEER, ROBERT
	VELAZCO, MIGUEL A
	YOUNG, EMMA
1305	ARCATA LUBE
	CATE AUTO UPHOLSTERY & GLASS
	NORTH BAY AUTOMOTIVE
1330	TURK PENCZER VANDER MEER FRNTR
	VANDERMEER, MARK
1345	GAZZERA, ERNESTO
1352	CARDOZA, JOE
	SCARBROUGH, ARLENE
	SOUSA, JOEY
1386	CHAMBERLAIN, NANCY
1391	TOSTE, JOHN C
1422	PETERSON, JANAH
1425	J & V MACHINE
1498	KELLY, BRIAN
	ST, BRIAN O
	THONSON, MARSHA
1512	OCCUPANT UNKNOWNN
1534	LEPPIG, G
1554	LEPPIG, GORDON
1556	MCCALEB, S
1578	CRITTER SITTERS
	OCCUPANT UNKNOWNN
1598	OCCUPANT UNKNOWNN
1624	FRAGA, AUGUSTO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 1995

932	HUMBOLDT SURF CO
940	NORTH COAST CHIROPRACTIC
	OCCUPANT UNKNOWNN
964	HARDINGS, MERI
	JAQUA, CHARLES
	LABELLE, M
	MCLELLAN, WILLIAM
	PETERSON, JAMES
	VILL, CECIL
	WALKER, ANDREA
	WILLNER, PHYLLIS
977	IRV TESSLER MD
	NORTH COAST COOPERATIVE
988	BOOTIER, EARL
	SCHMIDT, JOHN
	WILCKEN, MARK
995	OCCUPANT UNKNOWNN
1039	CALLENDER, JAMES R
	GRACE, H
	HYTCHINS, KIM
	MILLER, SARAH
1068	SHIKUMA, MARK
1088	SKWEIR, MICHAEL
1251	CONCORD DESIGNS
	OLD CREAMERY DANCENTER
	PACIFIC ART CTR THEATRE
	STAMMER, P A
	TOWER GALLERY
1300	HOLLY YASHI BUSINNESS CONSLT
1380	ARCATA COMMUNITY RECYCLING CTR

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 1995

770	PATTERSON, MARK
780	WRIGHT, ERIC
824	AMERICAN HYDROPONICS
	FEDERICI, BRIAN
	FINIGAN & THONSON WOODWORKS
	K E BARNEY
	LEACH, C
	OLD CREAMERY MINI STORAGE
	TRINITY RESTORATION ASSOC INC
1226	CULBERTSON, J
	KELLER, JOHN A
1236	SIBLEY, KEVIN D
	VOLK, JOHN C
1272	MARSHALL, DAVID

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

10TH ST 1992

937	HUMBOLDT MACH WORKS
	HUMBOLDT MACHINE WK
946	DAVIS, A B
991	BARSANTI R N DDS
1017	MEDLEY W DEE DDS
1019	BALL PETER W DDS
1022	HAUSER, DANIEL E
1050	PARSONS, TIM
1068	SEGAL, MARA
1093	HUMBOLDT DANCE ACAD
1158	BRIMHALL, GERALD
	LASHLEY, L
1168	CAMPBELL, ED
1188	LATTA, BOB
1305	NORTH BAY AUTOMOTV
1345	GAZZERA, ERNESTO
1352	CARDOZA, JOE
	NELSON, JOHN
1391	TOSTE, JOHN C
1422	LINDGREN, MERRITT
1425	J&V MACHINE
1498	PETERSON, JANAH
1598	LADD, MONETTE
1624	FRAGA, AUGUSTO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

9TH ST 1992

940 ATHING JAS D DC
NORTH COAST CHRPRCT
964 ROLLSTON, BRIAN
SCHMIDT, ANDREW
977 TESSLER IRV MD
TESSLER, IRV
988 BOOTIER, EARL
1039 WALKER, CHRIS
1088 SKWEIR, MICHAEL
1251 CONCORD DESIGNS
OLD CREAMRY DANCNTR
PACIFIC ART CENTER
STEPHENS WILLIAM
STEPHENS, WILLIAM
TOWER GALLERY
1253 STAMMER, P
1300 HOLLY YASHI BUSINES
1380 ARCATA COMM RCYCLNG
RECYCLING CENTER

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

L ST 1992

780 AMEZQUITA, S A
824 AMER HYDROPONICS
BARNEY K E MSW
FINIGAN & THONSON
MILLAN, LEO
OLD CREAMERY STRAGE
1226 LEDER, JOHN
SPAULDING, JARROD
STILES, J
1236 JOHNSON, LINDA
VOLK, JOHN C
1272 BOWES, AMY M
MACY, RYAN
VERLINDEN, JAY

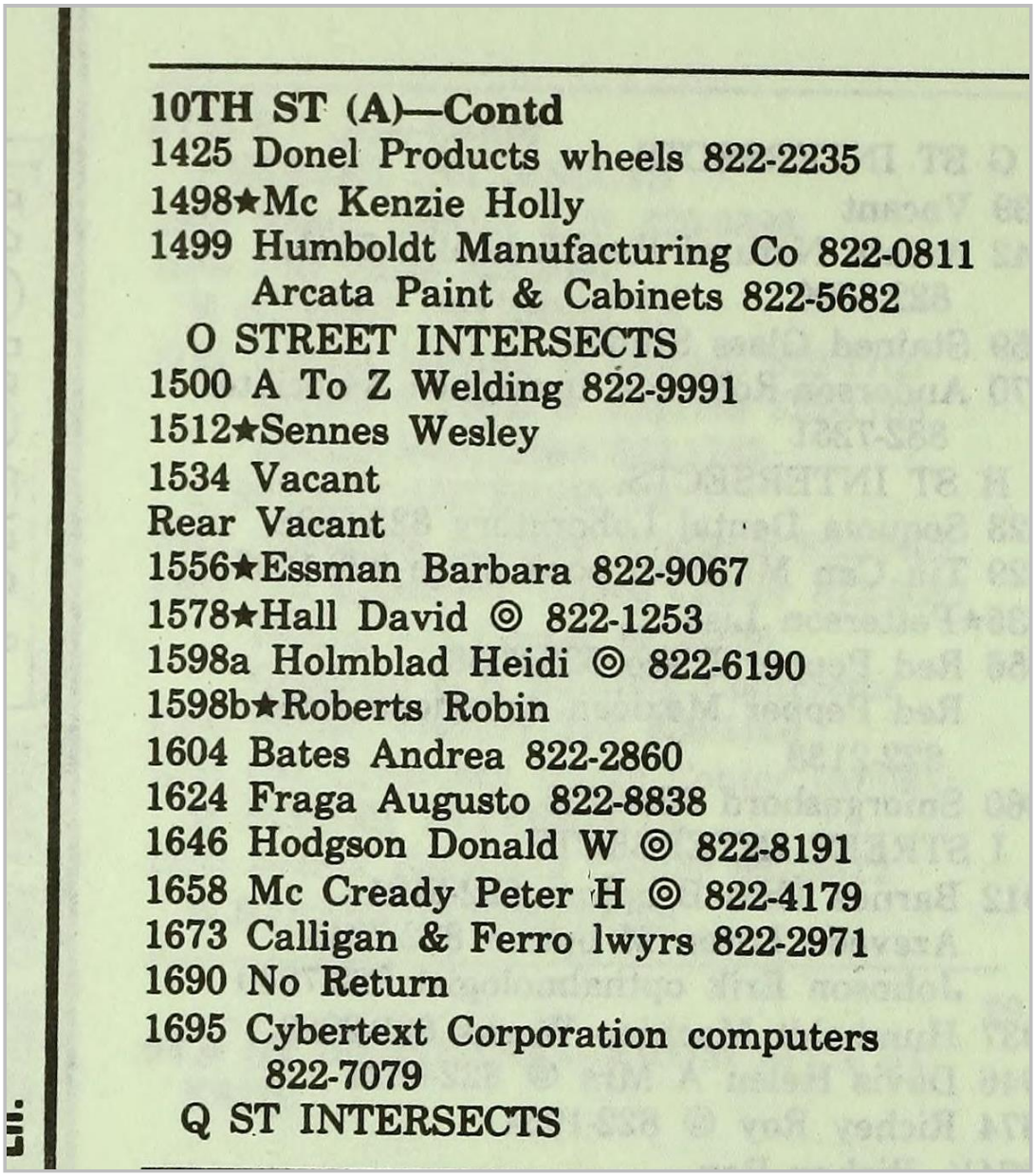
Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1982

I STREET INTERSECTS
912 Barnes Thos B optom 822-5121
Azevedo Loren M optom 822-7248
Johnson Erik opthalmologist 822-7240
937 Humboldt Machine Works 822-2928
946 Davis Helen A Mrs ◎ 822-0621
974 Richey Roy ◎ 822-1954
974½ Richey Roy
991 Barsanti Ronald N dentist 822-0381
J STREET INTERSECTS
1017 Medley W Dee dentist 822-3584
1019 Ball Peter W dentist 822-3266
1022 Hauser Danl E ◎ 822-5732
1050 Schneitter Lester I ◎
1061★Overseen Glen 826-0382
1068★Segal Mara 822-7130
1092 Souza Joe C ◎ 822-3284
1093★Corchran Michl 822-5376
1093a★Stevenson Kenneth B 822-4947
K STREET INTERSECTS
1127 Hydro Spray car wash
1158 Butterfield Apartments
1158a Vacant
1158b Brimhall Gerald E 822-1948
1168 Apartments
1 No Return
2 Vacant
3★Cot Geo M 826-0559
4★Morgan Mark 822-3765
5★Schock Jay 826-1792
6★Alvis M M
7★Maranto Johnny 826-1338
1178a Vacant
1178b★Johnson Michelle 822-0496
1188 Apartments
1 Munzer Joseph M 822-9163
2★De Bene Earl
3★Nunes Ralph
4★Adair Ethel
5★Raymond Eloise
L STREET INTERSECTS
M STREET INTERSECTS
1335 Bean Janice K
1345 Gazzera Ernesto G ◎ 822-3875
1352 Apartments
1 Ponnay Brian 822-5074
2★Deyoung P 822-4333
3 Mintz Glenna 826-0782
4 Cardoza Joseph A 822-4875
5 Matyshock Leon E 822-8613
1386 Babb Steven K 822-0178
1391 Toste John C ◎ 822-1695
N STREET INTERSECTS
1422 Mc Elfresh Dave 822-8993
1423 Durant Loading 822-2338

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1982



10TH ST (A)—Contd
1425 Donel Products wheels 822-2235
1498★Mc Kenzie Holly
1499 Humboldt Manufacturing Co 822-0811
Arcata Paint & Cabinets 822-5682
O STREET INTERSECTS
1500 A To Z Welding 822-9991
1512★Sennes Wesley
1534 Vacant
Rear Vacant
1556★Essman Barbara 822-9067
1578★Hall David ◎ 822-1253
1598a Holmblad Heidi ◎ 822-6190
1598b★Roberts Robin
1604 Bates Andrea 822-2860
1624 Fraga Augusto 822-8838
1646 Hodgson Donald W ◎ 822-8191
1658 Mc Cready Peter H ◎ 822-4179
1673 Calligan & Ferro lwyrs 822-2971
1690 No Return
1695 Cybertext Corporation computers
822-7079
Q ST INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1982

I STREET INTERSECTS

900 Seely Studio photogs 822-1662

910 Maurice's Hair Styling beauty shop 822-2192

924 Arcata Garbage Co Inc 822-1434

928 North Bay Lock 822-2835

932 Arcata Coin O Matic Laundry

940 North Coast Chiropractic 822-7419

964 Cedars Apartments

1 Kinsey Donald J 826-1495

2★Barnett Eliz D 822-5880

3★Benjamin Dennis 822-9628

4★Kovsky Steve

5★Powers Sue

6 Vacant

7★Roberts C S 826-0350

8★Brown M

977 Sayles Real Estate 822-5939

988 Bootier Earl ◎ 822-0488

995 Ghilarducci Albert ◎ 822-2060

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1982

9TH ST (A)—Contd

J STREET INTERSECTS

1068 Banta Loretta J ◎ 826-0688

1085 Day Alice 822-2097

K STREET INTERSECTS

1191 Arcata Moving & Storage 822-1765

Arcata Freight & Express 822-1765

Bekins Van Lines 822-1765

L STREET INTERSECTS

1221 Sundance Leather Wholsale 822-1402

1251 Old Creamery Dance Center 822-8087

Pacific Art Center 822-0828

Goodwin L A Building Contractor

1266 Button Factory The 826-1108

1321 Old Creamery Dance Center (Annex)

M STREET INTERSECTS

1380 Arcata Recycling Center 822-8512

N STREET INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1982

7TH ST INTERSECTS
707 California State Auto Assn 443-5087
710 No Return
716 Vacant

8TH ST INTERSECTS
803★Price Judy 445-3643
804 Ohman Walter I ◎
815 Rhodes John C ◎ 443-4444
816 Roba Clara Mrs ◎ 442-9326
821 Nafe Oral ◎ 442-5840
826★Johnson Naomi
833 Westphal Vernon W ◎ 442-0618
833a Heckman Gereldine 442-3456
833b Hunter Marcy 442-3944
836★Parks Drurey Rev ◎ 445-3440

9TH ST INTERSECTS
912 Mace Shirley B Mrs ◎ 442-1231
915★Purcell Farrell L 443-0075
935 Konstantine Vasilia Mrs ◎ 442-5903
937 No Return

10TH ST INTERSECTS
1002 Tatka Jim M 443-1154
1016 Appel Larry ◎ 442-7315
1 Lyle David T 444-2542
2★Elson Jami 445-2710
1029★Collins Gertrude 443-5793

52

11TH ST INTERSECTS
1105 Morelli Robt H ◎ 442-4741
1106 No Return
1106a★Rice Ron
1111 Goade Warren C ◎ 442-0812
1121 Keeney Robt E ◎ 442-6591
1124 Whitmire Fred H ◎ 442-7319
1125 Mavey Oran D ◎ 442-6083

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1982

L STREET—Contd

1134 Grayling Richd ◎ 443-2592
1140 Joaquin Apartments 443-6922
1★Trattis Wm
2 Morton Edw
3 Fleming Stan F Jr 443-6152
4 Jimenez Joaquin 443-6922
5 Ross Jackie
6 Johnson Gwendolyn O
12TH ST INTERSECTS
1204 Miller Steph 442-4326
1205 Rovai Eug L ◎ 443-2329
1216★Barengo Josephine 445-4798
1220 Vacant
1222 Pimental Manuel D
1224 Vacant
1225 Pine Kenneth D ◎ 442-8532
1226★Elrod Virginia
1233 Jones Frank W ◎ 442-5111
1234 No Return
1244 Bates Wm L ◎ 442-4838
13TH ST INTERSECTS
1304 Griswold Earl L ◎ 442-3091
1310 Bryant Loretta J ◎
1316 Vacant
1322 Boyd Martha B ◎ 442-7267
1330 Fasullo James ◎ 442-4406
1337 Mori Geo L ◎ 442-7072
14TH ST INTERSECTS

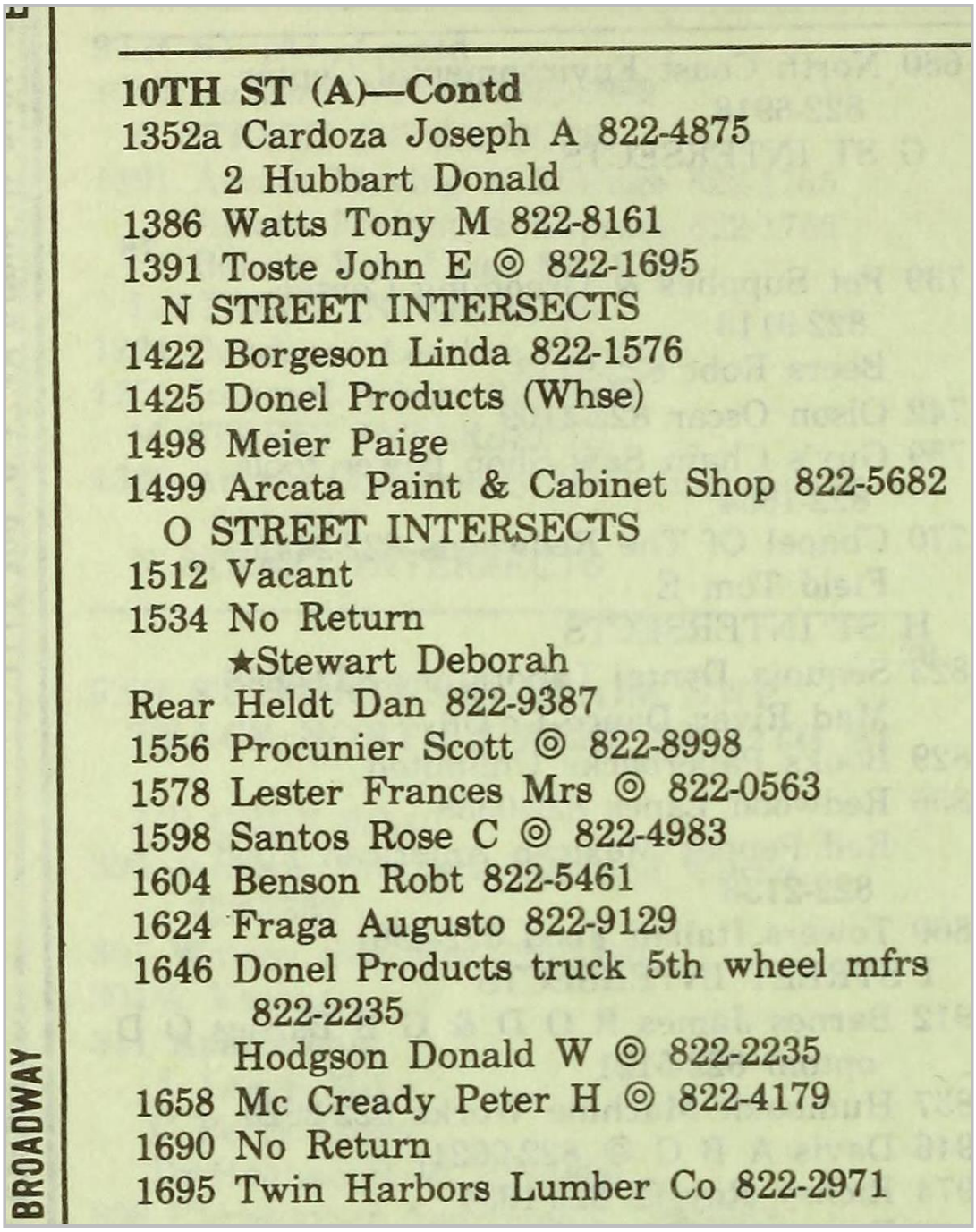
Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1977

800 Towers Italian Food 822-4961
I STREET INTERSECTS
912 Barnes James R O D & G B Barnes O D optom 822-5121
937 Humboldt Machine Works 822-2928
946 Davis A B C ◎ 822-0621
974 Richey Roy ◎ 822-1954
Rasmussen Ida I Mrs
991 Barsanti Ronald N dentist 822-0381
J STREET INTERSECTS
1017 Bryan Robt V dentist 822-3584
1019 Ball Peter W dentist 822-3266
1022 Hauser Danl E ◎ 822-5732
1050 Schneitter Lester I ◎
1061 Vacant
1068 Roberti Josephine Mrs 822-4787
1092 Souza Franselena Mrs ◎ 822-3284
1093 Stevenson Kenneth ◎ 822-4947
K STREET INTERSECTS
1127 Hydro Spray car wash
1158 Butterfield Apartments
1158a★Mendes Joseph
1158b★Almeila Roberto
1168 Apartments
1 Butterfield Ella 822-0740
2 Strean Inetta 822-6631
3 Mendes Helio A 822-2046
4 Wright Robin A Mrs 822-2196
5★Consano Edw
6 Maranto Johnny 822-1296
1178a Mendes Joseph G 822-4552
1178b Posteman Anton
1188 Apartments
1 De Beni Earl
2 Guthrie Richd
3 Saita M
4 Sousa Fernande 822-1521
5 Lund Robt
L STREET INTERSECTS
M STREET INTERSECTS
1335★Swenson Michl
1345 Gazzera Ernest ◎ 822-3875
1352 Avelar John

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1977



10TH ST (A)—Contd

1352a Cardoza Joseph A 822-4875
2 Hubbart Donald
1386 Watts Tony M 822-8161
1391 Toste John E ◎ 822-1695
N STREET INTERSECTS
1422 Borgeson Linda 822-1576
1425 Donel Products (Whse)
1498 Meier Paige
1499 Arcata Paint & Cabinet Shop 822-5682
O STREET INTERSECTS
1512 Vacant
1534 No Return
★Stewart Deborah
Rear Heldt Dan 822-9387
1556 Procunier Scott ◎ 822-8998
1578 Lester Frances Mrs ◎ 822-0563
1598 Santos Rose C ◎ 822-4983
1604 Benson Robt 822-5461
1624 Fraga Augusto 822-9129
1646 Donel Products truck 5th wheel mfrs 822-2235
Hodgson Donald W ◎ 822-2235
1658 Mc Cready Peter H ◎ 822-4179
1690 No Return
1695 Twin Harbors Lumber Co 822-2971

BROADWAY

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1977

I STREET INTERSECTS

900 Seely Studio photogs 822-1662

910 Maurice's Hairstyling beauty shop 822-2192

924 Arcata Garbage Co 822-1434

928 North Bay Lock & Tackle 822-2835

932 Arcata Coin O Matic Laundry 822-7882

940 Anderson Axel Insurance Agency 822-0396

964 Cedars Apartments

1★Mac Tork Bruce

2★Fessbinder Arth

3★Damien Gerald

4★Burke Arnold

5★Brown Pam

6★Wallace Debby

977 Thrift Shop 822-4942

988 Vacant

995 Ghilarducci Albert ◎ 822-2060

J STREET INTERSECTS

1068 Moll Elmer F ◎ 822-2858

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1977

9TH ST (A)—Contd

1085 Gazzera Alfonso 822-8088

K STREET INTERSECTS

1191 Arcata Moving & Storage 822-1765

Arcata Freight & Express 822-1765

Bekins Van Lines 822-1765

L STREET INTERSECTS

1221 Sundance Leather 822-1402

1251 Internal School 822-2908

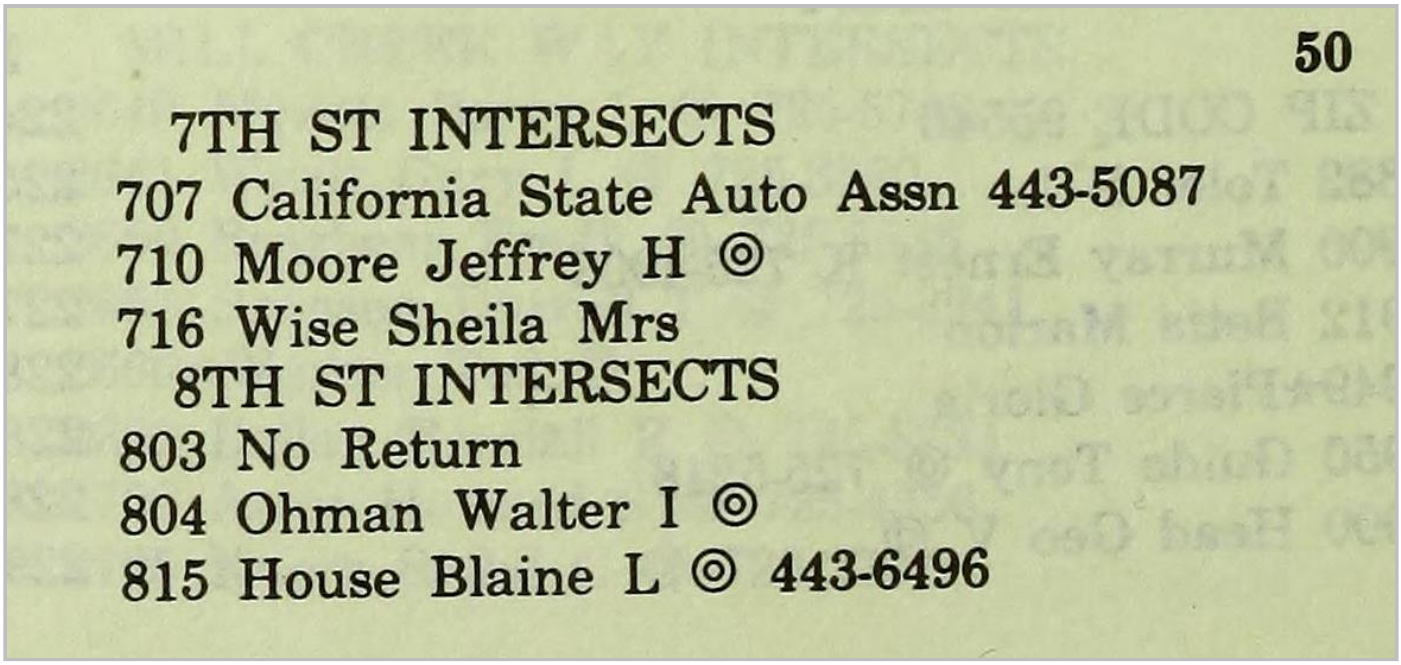
M STREET INTERSECTS

1380 Arcata Community Recycling Center 822-8512

N STREET INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1977



50

7TH ST INTERSECTS
707 California State Auto Assn 443-5087
710 Moore Jeffrey H ◎
716 Wise Sheila Mrs
8TH ST INTERSECTS
803 No Return
804 Ohman Walter I ◎
815 House Blaine L ◎ 443-6496

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1977

L STREET—Contd
816 Roba Clara Mrs ◎ 442-9326
821 Nafe Oral ◎ 442-5840
826 Johnson Linda Mrs ◎
833 Westphal Vernon W ◎ 442-0618
836 Ranton Harold E Rev 442-0468
9TH ST INTERSECTS
905 United Indian Lodge
912 Mace Shirley Mrs ◎ 442-1231
915★Nystrom Joy 443-8936
935 Konstantine Vasilia Mrs ◎ 442-5903
937 Johnston Ethel S Mrs ◎ 442-0610
10TH ST INTERSECTS
1002 Tatka Jim M ◎
1016 No Return
1024 Babb Larry A 442-0684
1029 Crosby Wayne 445-2517

11TH ST INTERSECTS
1105 Morelli Robert H ◎ 442-4741
1106 Carson Frances O Mrs 442-3055
1106a Tanner Roy C 442-4687
1111 Goade Warren C ◎ 442-0812
1121 Keeney Robt E ◎ 442-6591
1124 Lancaster Stanley E ◎ 442-4895
1125 Mavey Oran D ◎ 442-6083
1134 Grayling Richd ◎ 443-2592
1140 Joaquin Apartments 442-1535
Joaquin Jimenez
1 Carney Kenneth H 442-4061
2 Tipper Robt
3 Orem Beverly
4 Jimenez Joaquin 443-6922
5★Elecks Ardie
12TH ST INTERSECTS
1204 Ziemer Virgil L ◎ 442-8324
1205 Rovai Eug L ◎ 443-2329
1216 Barengo Josephine Mrs ◎ 445-0798
1220 No Return (1220-22)
1224 Thibodeaux James D 442-6170
1225 Pine Kenneth D ◎ 442-8532
1226 Vacant
1233 Jones Frank W ◎ 442-5111
1234★Thornhill Gerald W ◎ 443-2930
1244 Bates Wm L ◎ 442-4838
13TH ST INTERSECTS
1304 Griswold Earl L ◎ 442-3091
1310★Bryant June
1316 Modine Ronald R 445-1045
1322 Boyd Hugh L ◎ 442-7267
1330 Fasullo James ◎ 442-4406
1337 Mori Geo L ◎ 442-7072
14TH ST INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1972

I STREET INTERSECTS
912 Barnes G Bradley optom 822-5121
Barnes James R optom 822-5121
937 Humboldt Machine Works 822-2928
946 Davis A B C ◎ 822-0621
974 Richey Roy C ◎ 822-1954
J STREET INTERSECTS
1017 Barsanti Ronald N dentist 822-0381
1019 Ball Peter W dentist 822-3266
1022 Hauser Danl E ◎ 822-5732
1050 Schneitter Lester I ◎
1061 No Return
1068 Roberti Josephine Mrs
1092 Souza Joe C ◎ 822-3284
1093 No Return
K STREET INTERSECTS
1158 Couchman Apartments
1168 Apartments
1 Butterfield Ella
2 Stream Peggy
3 Nelson Gary
4 Smith Robt
5 Oliver Eddie
6 Maranto John
1178 Stemphley Margie
1178a Mendes Jose G
1188 Apartments
1 Di Bene Earl
2 Dickerson Robt 822-1238
3 Harris Edna D
4 Sousa Fernanda
5 Lund Robt

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1972

L STREET INTERSECTS
M STREET INTERSECTS
1320 Toste Helen M Mrs 822-2358
1335 Pimentel John F ◎ 822-4388
1345 Gazzera Ernest ◎ 822-3875
1352 Avelar John
Cabeceira Jose
Cardosa Joseph A 822-4875
1386 Gregorio Frank
1391 Toste John E ◎ 822-1695
N STREET INTERSECTS
1422 Pickle Wesley 822-4278
1498 Warlick Diane L Mrs 822-6307
O STREET INTERSECTS
1512 Beason Mary L Mrs 822-1554
1534 Brogi Norman Mrs 822-1947
Rear Vacant
1556 Allen Ernest H ◎ 822-2897
1578 Lester Frances Mrs ◎ 822-0563
1598 Santos Rose C Mrs ◎ 822-4983
1604 Vacant
1624 Frega Augusto ◎ 822-1105
1646 Arcata Machine & Engineering 822-2235
Hodgson Donald W ◎ 822-2235
1658 Mc Cready Peter H ◎ 822-4179
1690 Mendonca Joseph ◎ 822-5483
1695 Twin Harbors Lumber Co 822-2971

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1972

I STREET INTERSECTS

900 Seely Studio photogs 822-1662
910 Arcata Beauty Center 822-2192
924 Arcata Garbage Co 822-1434
928 Hunt's Key Hole locksmith 822-2835
932 Arcata Coin O Matic Laundry 822-7882
940 Anderson Axel Insurance Agency 822-0396
Henshaw Insurance Agency genl 822-3254
964 Cedars Apartments
1 Taylor Mervin L 822-0013
2 Kern Vickie L
3 Mort Rita Mrs
4 Paquett Pat
5 No Return
6 Williams Jack 822-6840
7 Mc Bride Dean C
8 Holmes Steve F
977 Nifty Thrifty Shoppe 822-4942
988 Bradley Lucile B ◎ 822-5401
995 Ghilarducci Albert ◎ 822-2060

J STREET INTERSECTS

1068 Moll Elmer F ◎ 822-2858
1085 Polzin Gerald L 822-0606

K STREET INTERSECTS

1191 Arcata Moving & Storage 822-1765
Arcata Freight & Express 822-1765
Bekins Van Lines 822-1765

L STREET INTERSECTS

1250 Vacant
1251 Vacant

M STREET INTERSECTS

1380 Rehab J O B S Development Co org welfare

N STREET INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1972

80

L STREET —FROM 7TH ST NORTH 1 WEST OF K ST

ZIP CODE 95521
8TH ST INTERSECTS
9TH ST INTERSECTS
974 Vacant

78

1485 Vacant
15TH STREET INTERSECTS
1515 Wyatt Grace L Mrs ◎ 822-0227
1515½ Hammes David L
1541 Olivera Geo L
1565 Luis Joe ◎ 822-1094
16TH STREET INTERSECTS
17TH STREET INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1968

---I INTERSECTS
912 BARNES G BRADLEY OPTOM
822-5121
BARNES JAMES R OPTOM 822-5121
937 HUMBOLDT MACHINE WORKS
822-2928
946 DAVIS A C ● 822-0621
974 RICHEY ROY ● 822-1954
974½ RASMUSSEN IDA I MRS
985 GONZALEZ FELIPE 822-2005
985½ SCHWEGIRL LARRY
995 FARIA FERNANDO 822-0724
---J INTERSECTS
1017 VACANT
1019 BALL PETER W DENTIST
822-3266
1022 BUSH CHARLES L 822-3993
1050 SCHNEITTER LESTER I ●
1061 LOZINSKY EDW 822-0571
1068 ROBERTI JOSEPHINE MRS ●
822-4787
1092 HOLLYMAN GERALD D 822-6095
1093 BARSUGLIA JAMES ● 822-4726
---K INTERSECTS
1158 COUCHMAN APARTMENTS
BRIMHALL JERRY
LOCKE ANNA MRS
WEST CARVEN
1168 APARTMENTS
1 BUTTERFIELD ELLA
2 STREAN INETTA MRS
3 SILVERIRA JOSE
4 FREITAS LOUIS
5 FAIR RALPH

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1968

6 NO RETURN
8 VACANT
1178 WOODWARD IVAN
APARTMENTS
1 DAHONEY ROBT
2 LOCKE ANNA
3 RAY RICHD
4 CARTER RUTH
5 LUND ROBT
---L INTERSECTS
---M INTERSECTS
1320 TOSTE HELEN M MRS 822-2358
1335 PIMENTEL JOHN 822-4388
1345 GAZZERA ERNESTO J ● 822-3875
1352 NO RETURN
REAR CARDOZA JOSEPH A
1386 ORMONDE MARY MRS ● 822-1441
1391 TOSTE JOHN E 822-1695
---N INTERSECTS
1422 PICKLE WESTLEY 822-4278
1498 APARTMENTS
1 BYRD CHARLES T
2 DRURY DOUG
1499 VACANT
---O INTERSECTS
1512 BEASON MARY L MRS 822-1554
1534 RODESKI VICTOR A 822-4375
1556 ALLEN ERNEST H ● 822-2897
1578 LESTER EDW ● 822-0563
1598 SANTOS ROSE C MRS ● 822-4983
1604 LINDHOLM TOM M
1646 HODGSON DONALD W ● 822-2235
1658 MC CREADY PETER H ● 822-4179
1690 LAY NORMAN
1695 SOUND LUMBER CO SAW MILL
822-2971

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1968

---I INTERSECTS

900 SEELY STUDIO PHOTOGS 822-1662

910 ARCATA BEAUTY CENTER 822-2192

924 ARCATA GARBAGE CO 822-1434

932 ARCATA COIN O MATIC LAUNDRY
822-7882

940 ANDERSON AXEL INSURANCE
AGENCY 822-0396
HENSHAW INSURANCE AGENCY GENL
822-3254

964 CEDARS APARTMENTS
1 TAYLOR MERVIN L
2 STOKOTELNY JOHN M
3 GILCHRIST DAVID
4 SPINI KATHY
5 RONE FRANK
6 TURNER WM
7 CECIL ROBT
8 SCHNEIDER AILEEN MRS

977 NIFTY THRIFTY SHOPPE 822-4942

988 BRADLEY LUCILE B ●

995 GHILARDUCCI ALBERT ● 822-2060

---J INTERSECTS

1068 MOLL KATH MRS ● 822-2858

1085 KINNAN HARRY P 822-1560

---K INTERSECTS

1191 ARCATA MOVING & STORAGE
822-1765
ARCATA FREIGHT & EXPRESS
(CUSTOM CARLOADING)
822-1765
JEKINS VAN LINES 822-1765

---L INTERSECTS

1250 WESTERN REDWOOD PRODUCTS
LUMBER MFG 822-2309

1251 ARCATA ROLLER RINK 822-3865

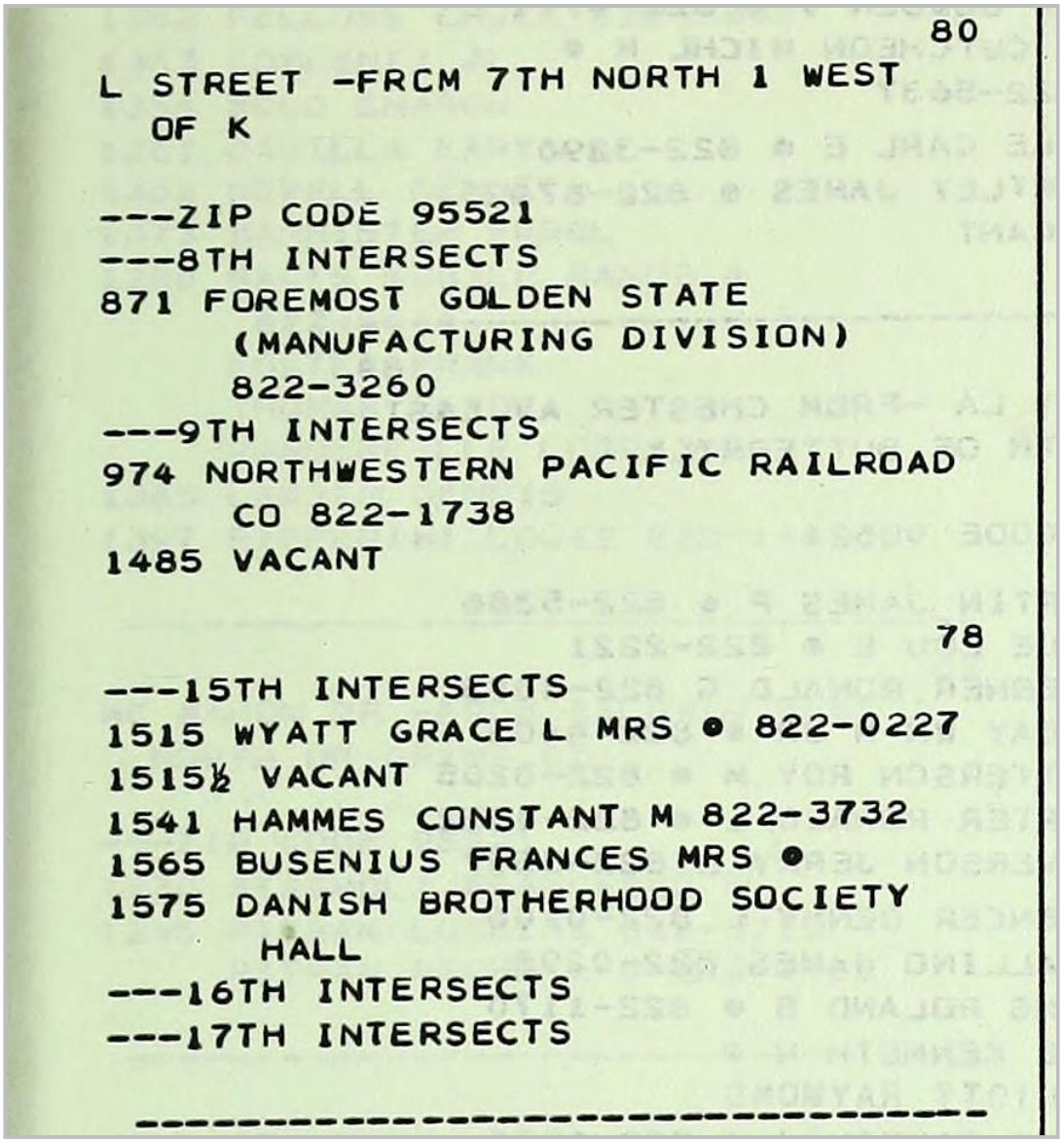
---M INTERSECTS

1380 STANDARD OIL CO OF
CALIFORNIA 822-2419

---N INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1968



80

L STREET -FROM 7TH NORTH 1 WEST
OF K

---ZIP CODE 95521
---8TH INTERSECTS
871 FOREMOST GOLDEN STATE
(MANUFACTURING DIVISION)
822-3260
---9TH INTERSECTS
974 NORTHWESTERN PACIFIC RAILROAD
CO 822-1738
1485 VACANT

78

---15TH INTERSECTS
1515 WYATT GRACE L MRS ● 822-0227
1515½ VACANT
1541 HAMMES CONSTANT M 822-3732
1565 BUSENIUS FRANCES MRS ●
1575 DANISH BROTHERHOOD SOCIETY
HALL
---16TH INTERSECTS
---17TH INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1964

---I INTERSECTS
912 BARNES G BRADLEY OPTOM
822-5121
BARNES JAMES R OPTOM 822-5121
937 HUMBOLDT MACHINE WORKS
822-2928
946 DAVIS A B C • 822-0621
974 RICHEY DORIS ELIZABETH •
822-1954
974½ RASMUSSEN IDA I MRS
985 GONSALEZ FELIJSE 822-2005
985½ FRAGA MANUEL
995 FARIA FERNANDO 822-0724
---J INTERSECTS
1017 FOUNTAIN,EUGENE F DENTIST
822-3093
1019 BALL,PETER W DENTIST
822-3266
1022 NIXSON BETHEL MRS
1050 SCHNEITTER LESTER I •
1061 LOZINSKY EDW 822-0571
1068 ROBERTI AMERICO • 822-4787
1092 SOUZA JOSEPH C • 822-3284
1093 BARSUGLIA JAS • 822-4726
---K INTERSECTS
1158 COUCHMAN APARTMENTS
APARTMENTS
A GROSSMAN RON
B LITTLE ALVIN
1168 APARTMENTS
TCDD DEAN
2 BRIMHALL GERALD 822-2941
3 RAMERIZ MACK

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1964

10TH ST (A)--CONTD
APARTMENTS--CONTD
4 FREITAS LOUIS
5 PRATER V R
6 BAKER CHARLES
8 STREAN INETTA MRS
9 LUND ROBT
10 SMITH K M
11 CARVER WESLEY
1178 APARTMENTS
A RIDDLE TROY
B WEIHEMULLER JERRALD
1188 APARTMENTS
1 VACANT
2 VACANT
3 COOTS E H
4 CARTER RUTH
5 FRAGA PHILIP
---L INTERSECTS
---M INTERSECTS
1320 TOSTE HELEN M MRS 822-2358
1335 PIMENTEL JOHN 822-4388
1345 GAZZERA ERNESTO J • 822-3875
REAR DANIELS EDW 822-1993
1386 ORMONDE MARY MRS • 822-1441
1391 TOSTE JOHN E 822-1695
---N INTERSECTS
1422 BRUMFIEL ORRIE
1498 APARTMENTS
1 CRANDALL GEO
2 BONACCI RICHD
1499 VACANT
---O INTERSECTS
1512 CARDOZA JOSE R
1534 FRAGA THEO M • 822-3774
1556 RAY CHAS Q • 822-2897
1578 LESTER EDW • 822-0563
1598 SANTOS JOHN P • 822-4983
1604 FRAGA JOE N JR 822-2979
1624 RODESKI VICTOR A 822-4375
1646 HODGSON DONALD W • 822-2235
1658 WEGER BENJ A • 822-4283
1690 LAY NORMAN 822-4745
1695 DAVIS FIR MILLS SAW MILL
822-2921

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1964

---I INTERSECTS
900 SEELY STUDIO PHOTOGS 822-1662
910 ARCATA BEAUTY CENTER 822-2192
924 WILSON JOHN D CHIRO 822-1113
932 ARCATA COIN O MATIC LAUNDRY
822-7882
940 ANDERSON AXEL INSURANCE
AGENCY 822-0396
HENSHAW INSURANCE AGENCY GENL
INS 822-3254
964 CEDARS APARTMENTS
1 FORSMAN BERNARD N 822-4709
2 BOGGESS LLOYD E 822-4554
3 VISSEA MUUS W 822-2764
4 BANFORD ROBT D 822-4982
5 RASSBACH DONALD 822-2205
6 GORE JAMES
7 VACANT
8 HARRON RICHD 822-0423
977 VARLEY HENRY D
988 WILLS EVELYN MRS 822-0716
995 GHILARDUCCI ALBERT ● 822-2060
---J INTERSECTS
1068 MOLL KATH MRS ● 822-2858
1085 KINNAN HARRY P 822-1560
---K INTERSECTS
1191 ARCATA MOVING & STORAGE
822-1765
ARCATA FREIGHT & EXPRESS
(CUSTOM CARLOADING)
822-1765
BEKINS VAN LINES 822-1765
---L INTERSECTS
1250 WESTERN REDWOOD PRODUCTS
LUMBER MFG 822-2309
1251 ARCATA ROLLER RINK 822-3865
BOB'S CARPET SERVICE
823-2577
---M INTERSECTS
1380 STANDARD OIL CO OF
CALIFORNIA 822-2419
---N INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1964

80

L STREET (ARCATA)-FROM 7TH NORTH
1 WEST OF K

---8TH INTERSECTS
871 FOREMOST GOLDEN STATE
(MANUFACTURING DIVISION)
822-3260
---9TH INTERSECTS
974 NORTHWESTERN PACIFIC RAILROAD
CO 822-1738
1485 ADAMS TOLBERT 822-2200

78

---15TH INTERSECTS
1515 WYATT GRACE L MRS • 822-0227
1515½ BUTLER MAX
1541 HAMMES CONSTANT M 822-3732
1565 BROWN CLARENCE
1575 DANISH BROTHERHOOD SOCIETY
HALL
---16TH INTERSECTS
---17TH INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1958

I intersects

912 Barnes G Bradley optom
△VA2-2295
937 Humboldt Mach Wks
△VA2-2928
946 Davis Alvin B C ◎
974 Cropley Juliette C Mrs ◎
△VA2-1954
974½ Rasmussen Ida I Mrs
985 Petty J W
985½ Levi Jas C △VA2-3145
995 Vacant

J intersects

1017 Fountain Eug F dentist
△VA2-3093
1019 Ball Peter W dentist
△VA2-3266
1022 Nixon Harriet E Mrs ◎
△VA2-0236
1050 Schneitter Lester I ◎
1061 Lorenzo Frank V ◎
△VA2-0769

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

10TH ST 1958

1061 Lorenzo Frank V ◎
△VA2-0769
1068 Roberti Americo ◎
1092 Souza Jos C ◎ △VA2-3284
Barham Jas W
1093 Barsuglia Jas ◎

K intersects

1158-88 **Couchman Apartments**
△VA2-0465
1158 **Apartments**
(A) Tollett Frank D
(B) Turnbill Donald
△VA2-0465
1168 **Apartments**
1 Vacant
2 Brimhall Gerald
3 Herrick Howard
4 Riley Jack ◎
5 Barham Dale
7 Harris Jas
8 Calvo Frank
9 Arnold John
10 Vacant
11 Vacant
1178 **Apartments**
(A) Bradshaw Lloyd D
(B) Canfield James A
1188 **Apartments**
1 Wozniah Don A
2 Davidson Marvin K
△VA2-1471
3 Ringo Johnny
4 Canfield Ralph F
5 Barham Dale
8 Calvo Frank F

L intersects

1299 Rodigari Natale ◎

M intersects

1320 Van Pelt Duane A
△VA2-1928
1335 Baxter Clarence
1352 Frakes John W
Pobar Frank
1391 Lyons Edmund M ◎
△VA2-1902

N intersects

1422 Toste Jos M △VA2-2649
1498 Mills Jos A ◎ △VA2-1120

O intersects

1499 Williams Lath & Fence
Fcty △(whse)

P intersects

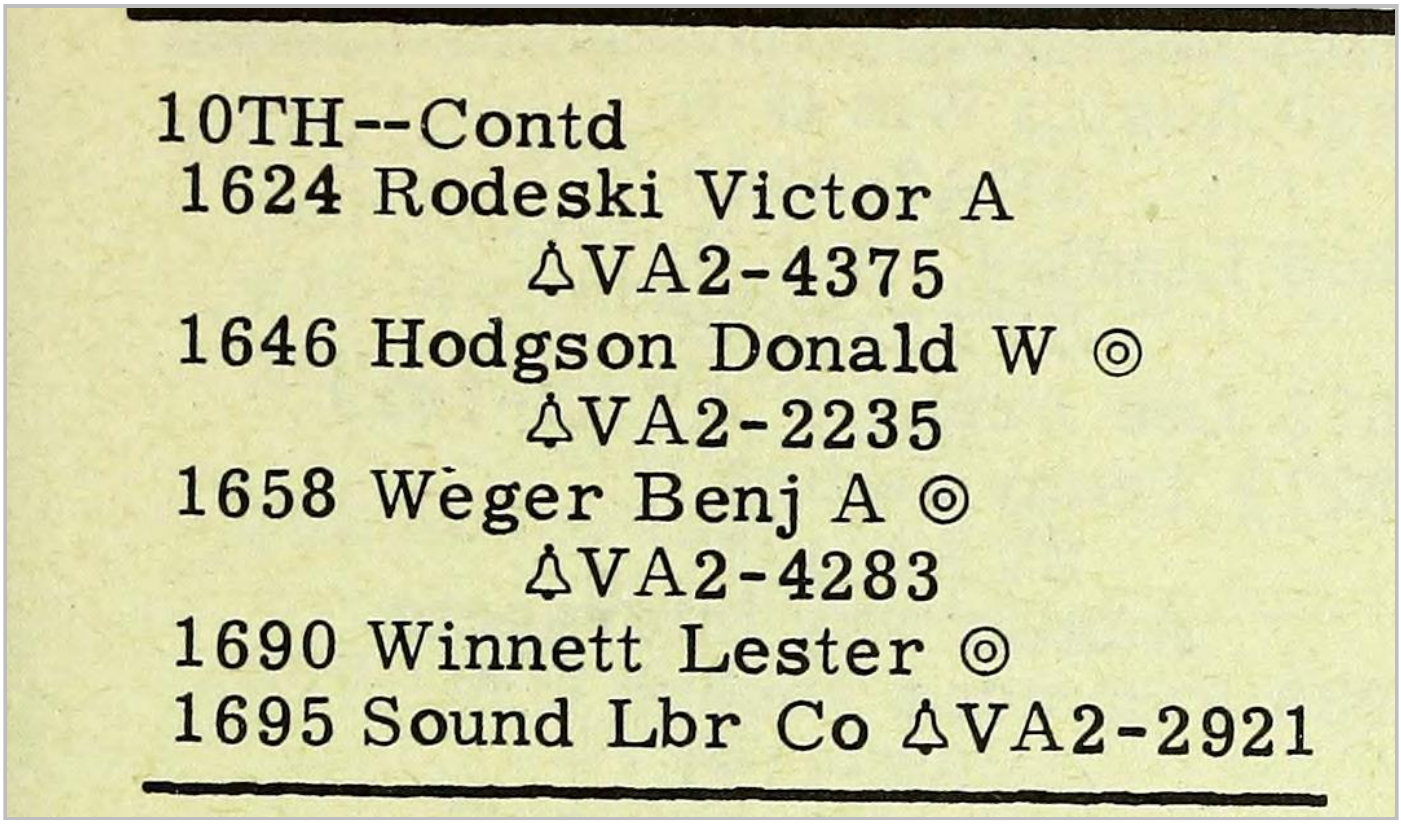
1512 Stanley Lovell E ◎
△VA2-3153
1534 Hill Irvin W ◎ △VA2-2051
1556 Ray Chas Q ◎ △VA2-2897
1578 Lester Edw ◎ △VA2-0563
1598 Severson Roger M
△VA2-1349

Q intersects

1604 Shipley Claude M ◎
△VA2-1022

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

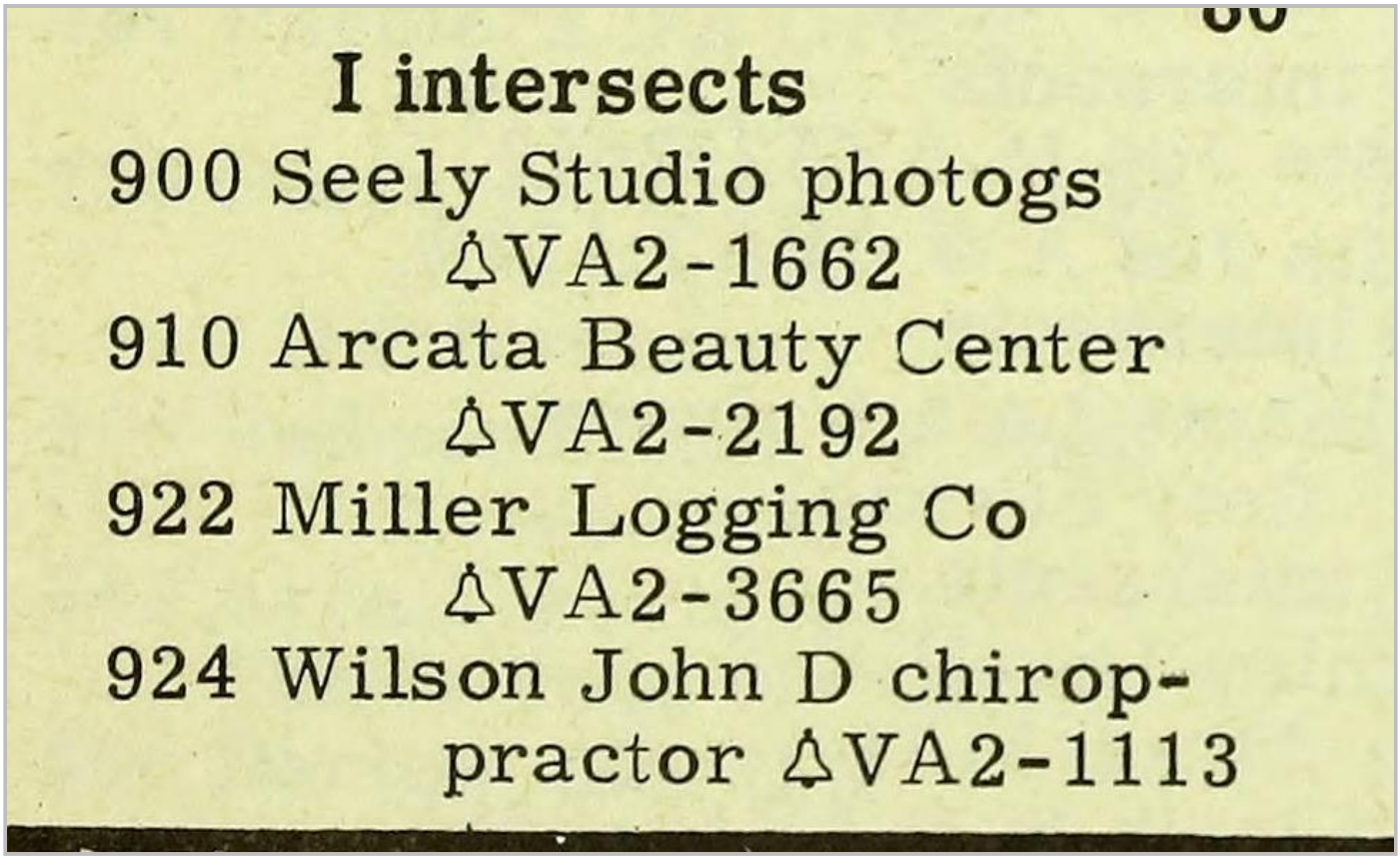
10TH ST 1958



10TH--Contd
1624 Rodeski Victor A
ΔVA2-4375
1646 Hodgson Donald W ◎
ΔVA2-2235
1658 Wèger Benj A ◎
ΔVA2-4283
1690 Winnett Lester ◎
1695 Sound Lbr Co ΔVA2-2921

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1958



I intersects

900 Seely Studio photogs
△VA2-1662

910 Arcata Beauty Center
△VA2-2192

922 Miller Logging Co
△VA2-3665

924 Wilson John D chiropractor △VA2-1113

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

9TH ST 1958

932 Vacant
940 Anderson Axel Ins Agcy
△VA2-0396
964 Dykstra Chas E
977 Gazzera Ernesdo ◎
988 Tripp Elwood I
△VA2-1603
995 Ghilarducci Albert C ◎
△VA2-2060
J intersects
1068 Moll Sadie Mrs ◎
1085 Morgan Albert L
K intersects
1191 Arcata Frt & Exp
△VA2-1765
Ry Exp Agcy △VA2-1765
L intersects
1250 Western Redwood Pro-
ducts lbr treating
△VA2-2309
1251 Golden State Co Ltd dairy
△VA2-3260
M intersects
N intersects
ft Standard Oil Co of Calif
△VA2-2419

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

L ST 1958

974 Northwestern Pac RR Co
△VA2-1738

78

1485 Branch Earl H
△VA2-2287

15th intersects

1515 Wyatt Grace L Mrs ◎
△VA2-0227

1541 Stanfield Mary C Mrs ◎
△VA2-1951

1565 Gray Chas R △VA2-2139

16th intersects

1575 Danish Brotherhood Soc
Hall

17th intersects

11228577.5.3.5 - Arcata, CA

Mulitple - ARCATA, CA

Arcata, CA 95521

Inquiry Number: 6904913.4

March 18, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/18/22

Site Name:

11228577.5.3.5 - Arcata, CA
Mulitple - ARCATA, CA
Arcata, CA 95521
EDR Inquiry # 6904913.4

Client Name:

GHD Inc.
655 Montgomery Street Suite 10
San Francisco, CA 94111
Contact: Matt Tolley

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GHD Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 11228577.5.3.5 - Arcata, CA

Coordinates:

Latitude:	40.870322 40° 52' 13" North
Longitude:	-124.091789 -124° 5' 30" West
UTM Zone:	Zone 10 North
UTM X Meters:	407998.33
UTM Y Meters:	4524935.35
Elevation:	19.00' above sea level

Maps Provided:

2018	1933
2015	
2012	
1972	
1959	
1951	
1947	
1942	

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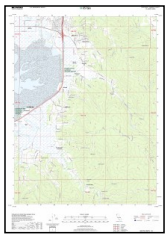
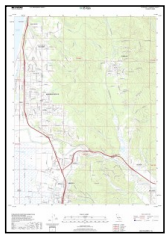
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Arcata South
2018
7.5-minute, 24000

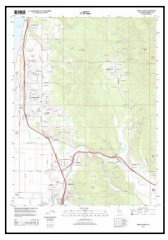


Arcata North
2018
7.5-minute, 24000

2015 Source Sheets

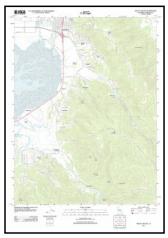


Arcata South
2015
7.5-minute, 24000

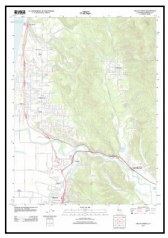


Arcata North
2015
7.5-minute, 24000

2012 Source Sheets



Arcata South
2012
7.5-minute, 24000

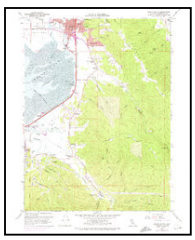


Arcata North
2012
7.5-minute, 24000

1972 Source Sheets



Arcata North
1972
7.5-minute, 24000
Aerial Photo Revised 1970



Arcata South
1972
7.5-minute, 24000
Aerial Photo Revised 1972

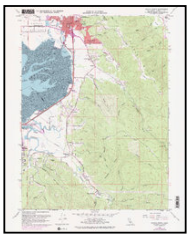
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1959 Source Sheets



Arcata North
1959
7.5-minute, 24000
Aerial Photo Revised 1956



Arcata South
1959
7.5-minute, 24000
Aerial Photo Revised 1956

1951 Source Sheets



Eureka
1951
15-minute, 62500

1947 Source Sheets



EUREKA
1947
15-minute, 62500

1942 Source Sheets



Eureka
1942
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

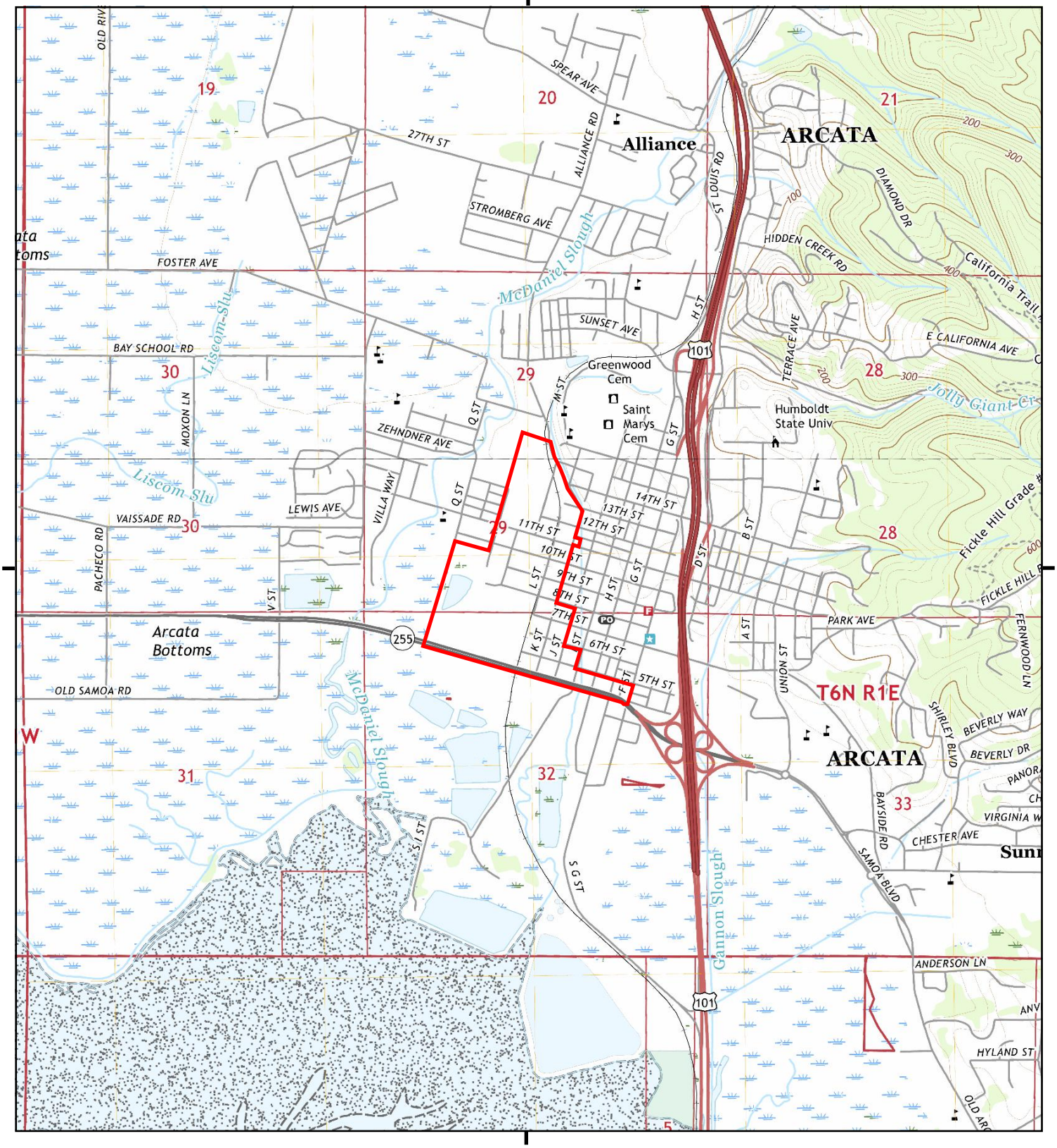
1933 Source Sheets



Eureka
1933
15-minute, 48000

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

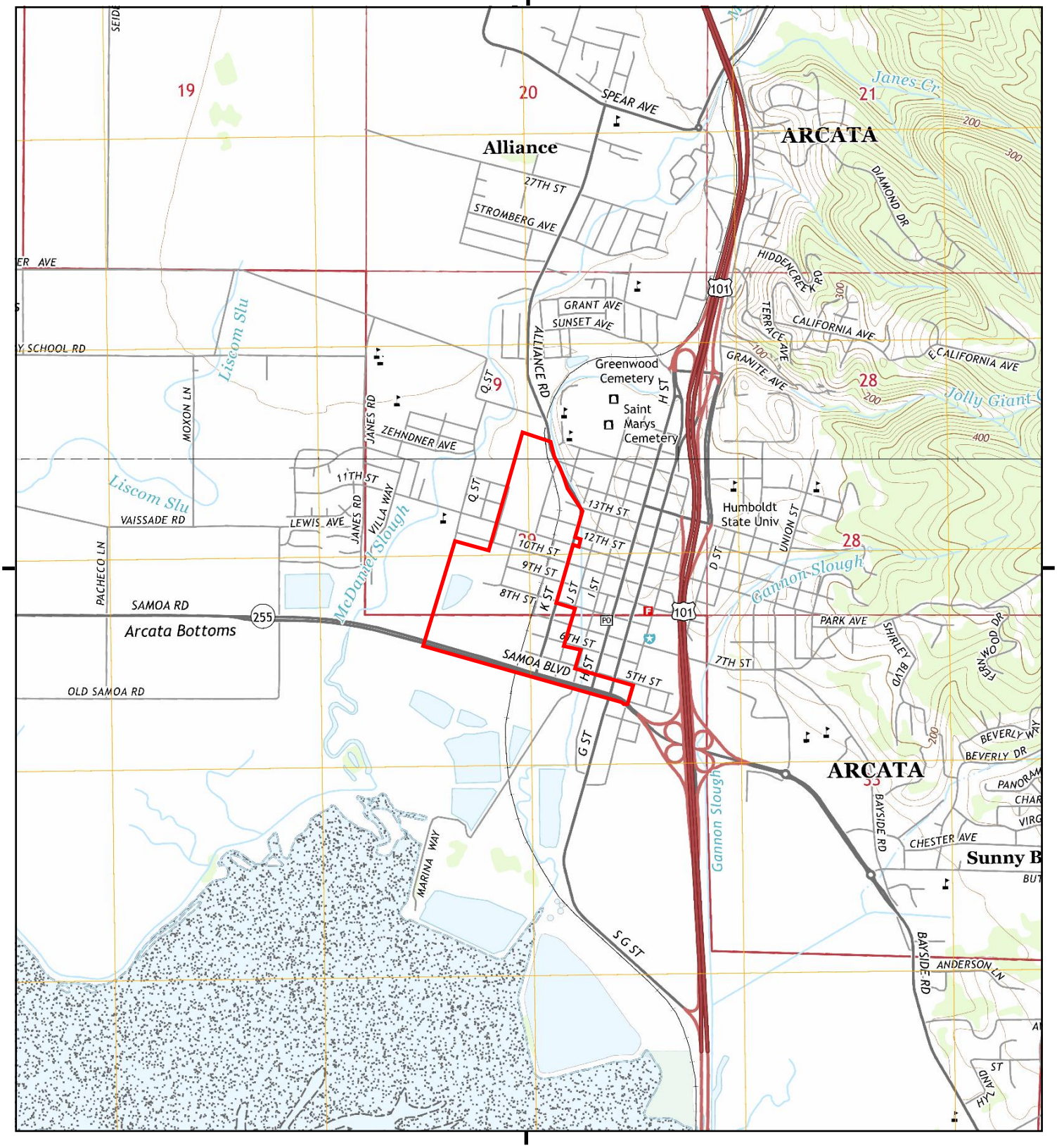
TP, Arcata South, 2018, 7.5-minute
N, Arcata North, 2018, 7.5-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

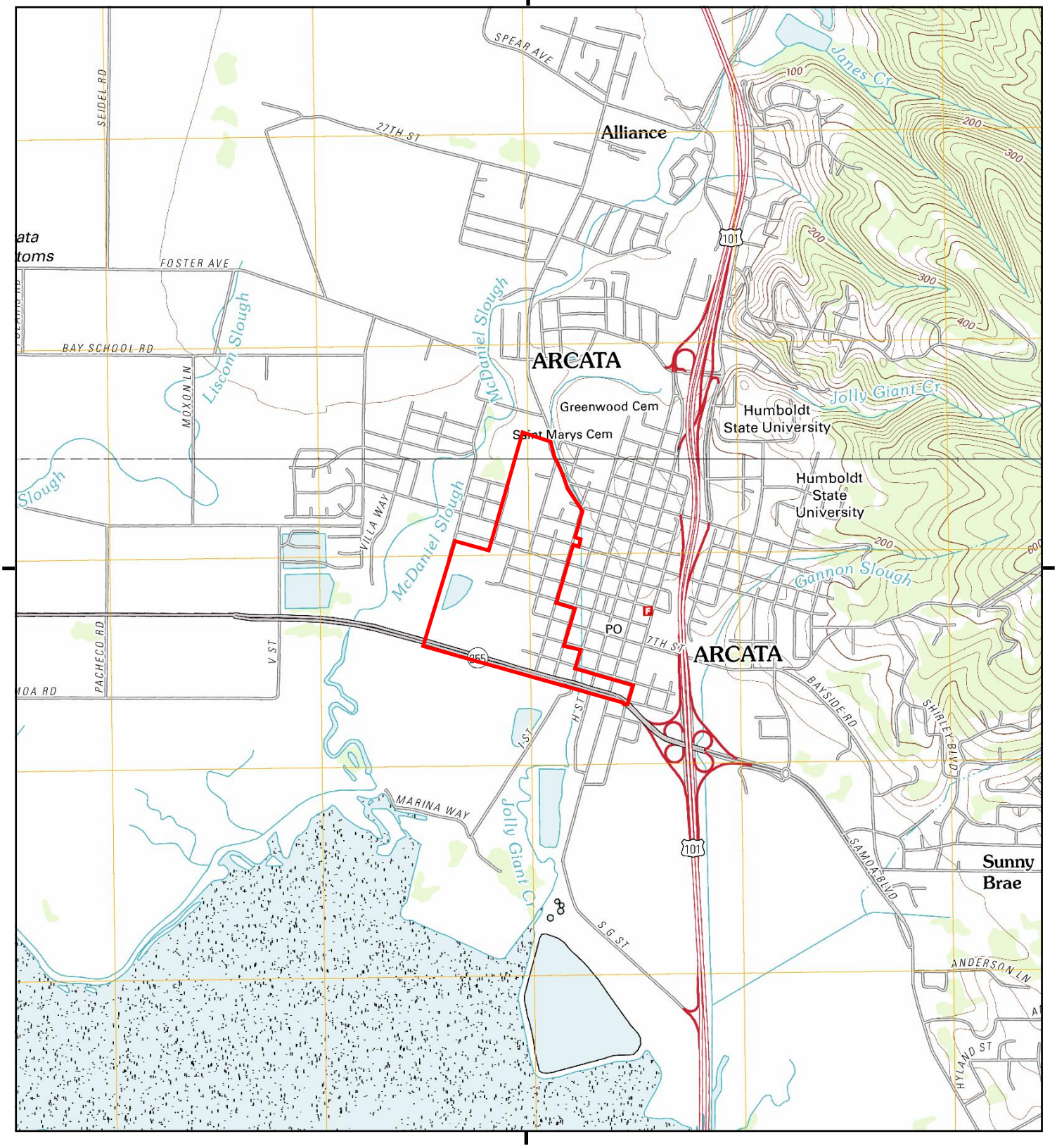
TP, Arcata South, 2015, 7.5-minute
N, Arcata North, 2015, 7.5-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

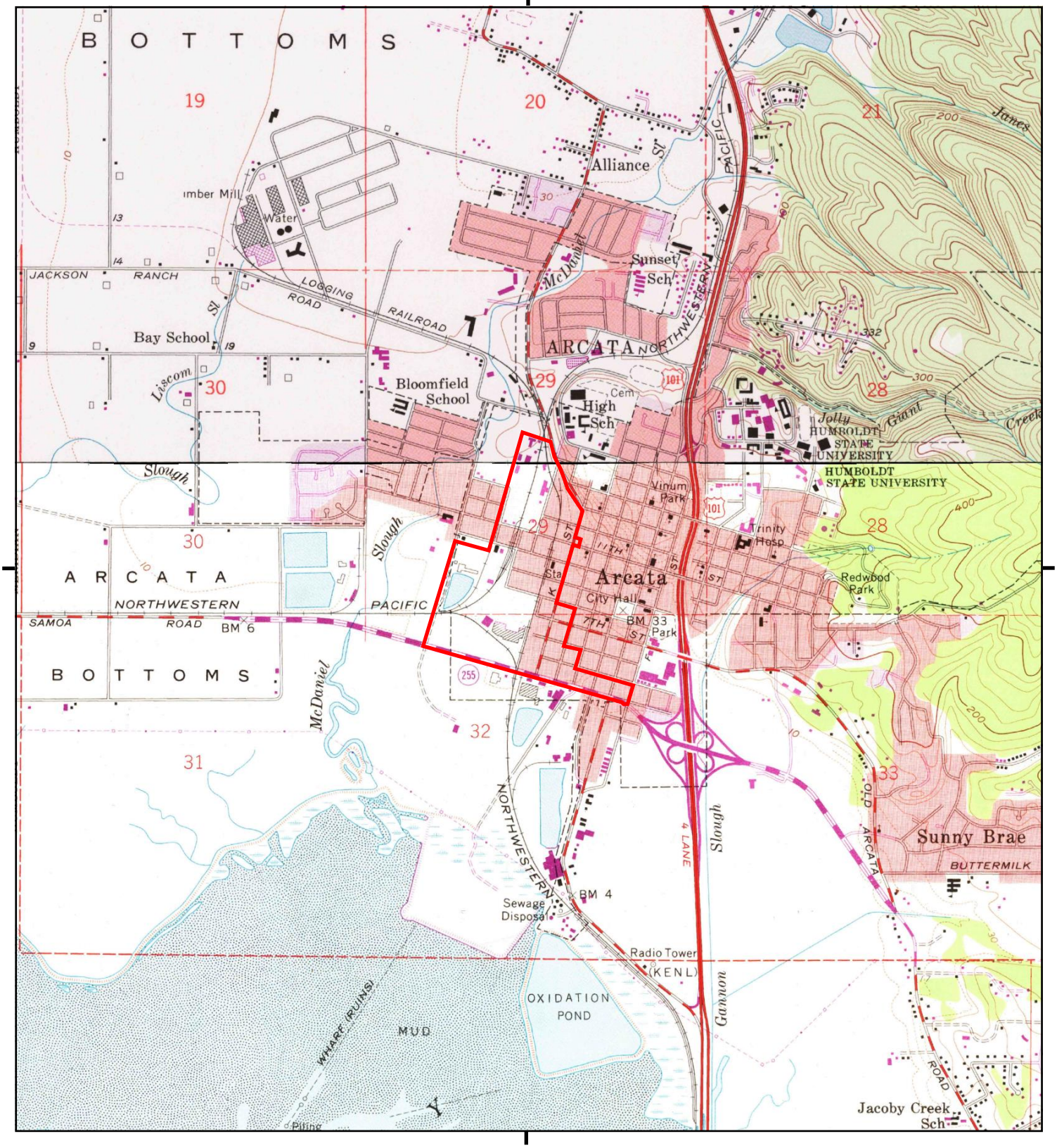
TP, Arcata South, 2012, 7.5-minute
N, Arcata North, 2012, 7.5-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N

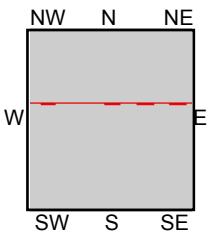
Historical Topo Map

1972



This report includes information from the following map sheet(s).

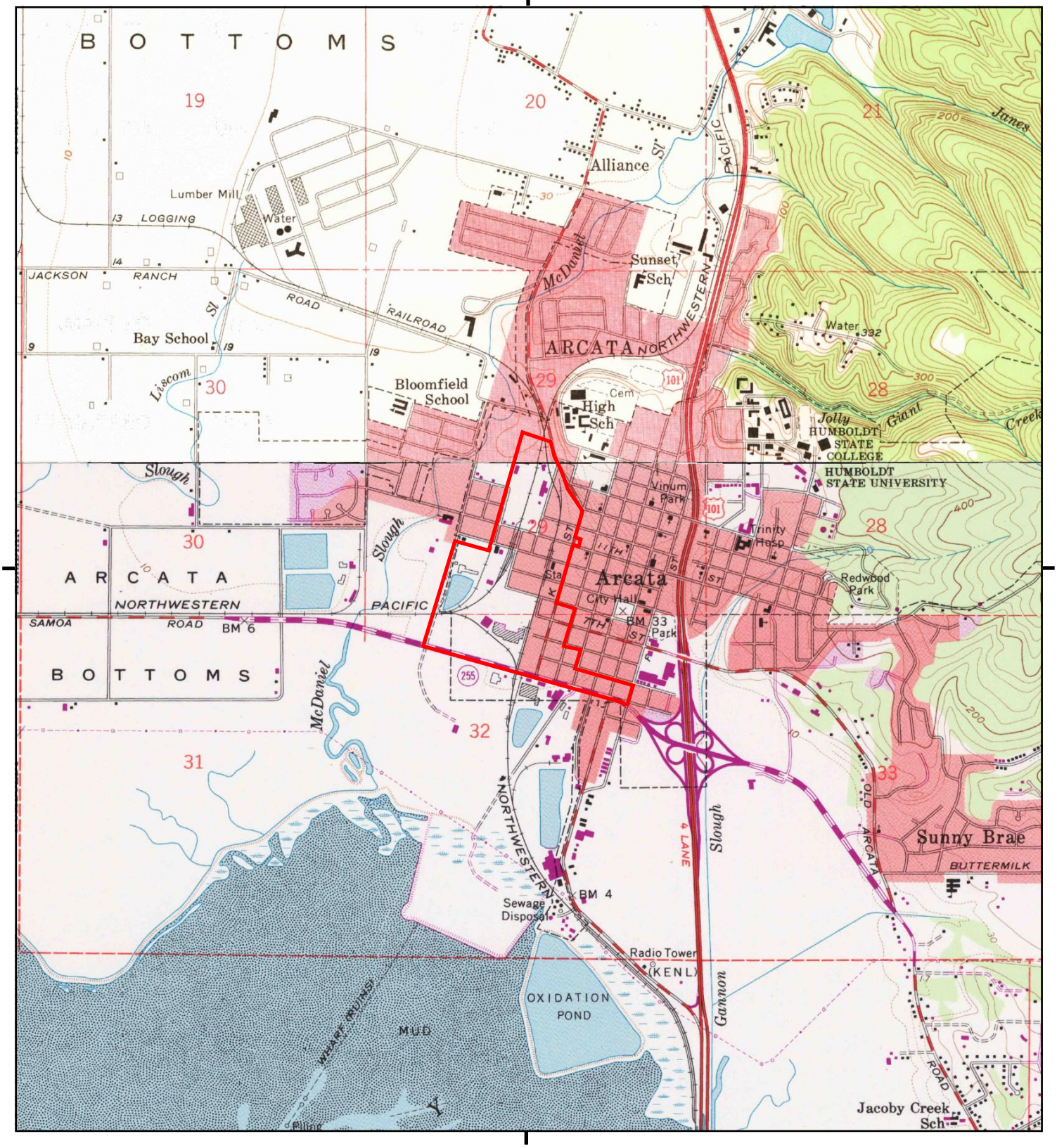
0 Miles 0.25 0.5 1 1.5



TP, Arcata South, 1972, 7.5-minute
N, Arcata North, 1972, 7.5-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N



This report includes information from the following map sheet(s).

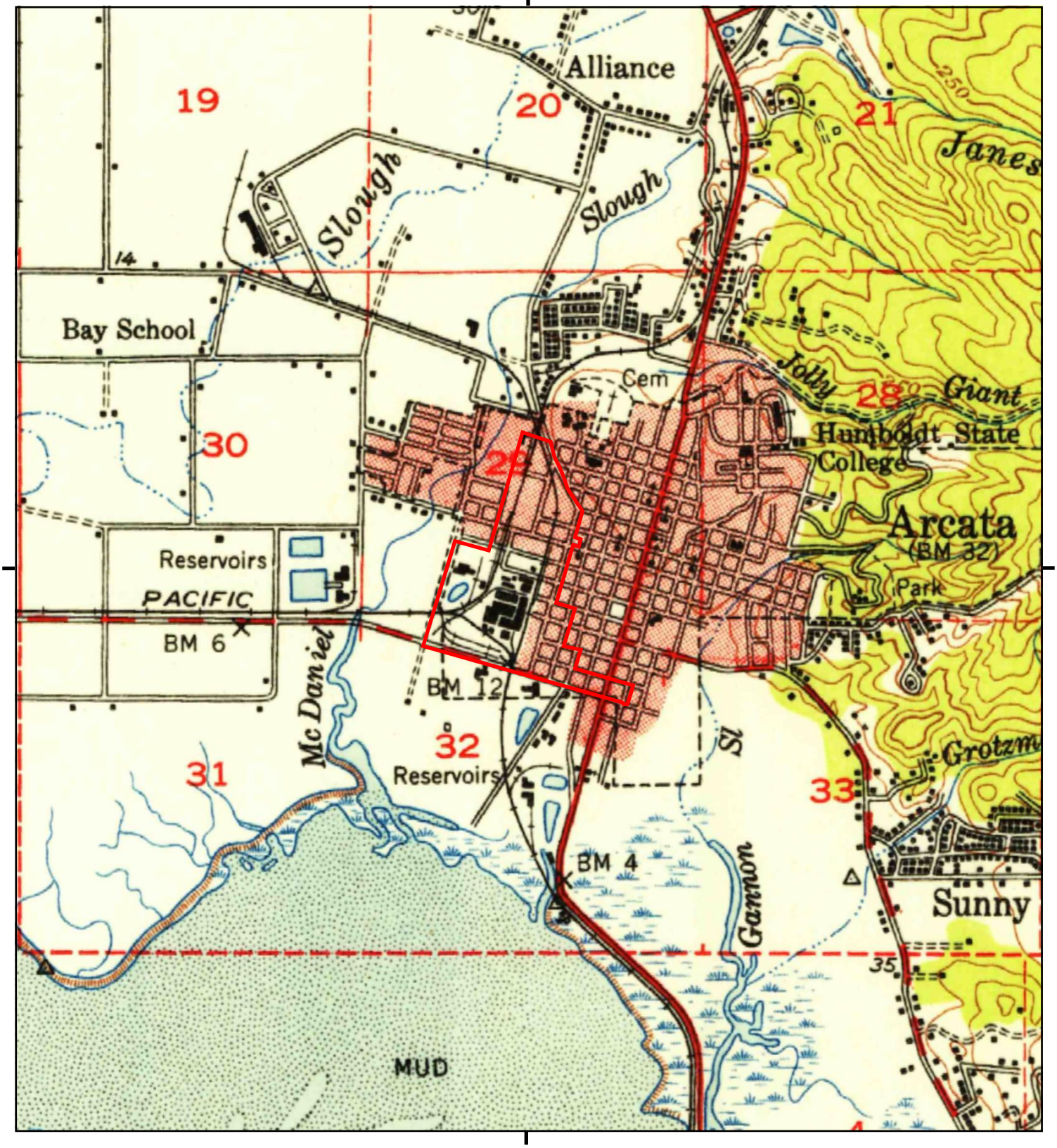
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Arcata South, 1959, 7.5-minute
N, Arcata North, 1959, 7.5-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N



This report includes information from the following map sheet(s).

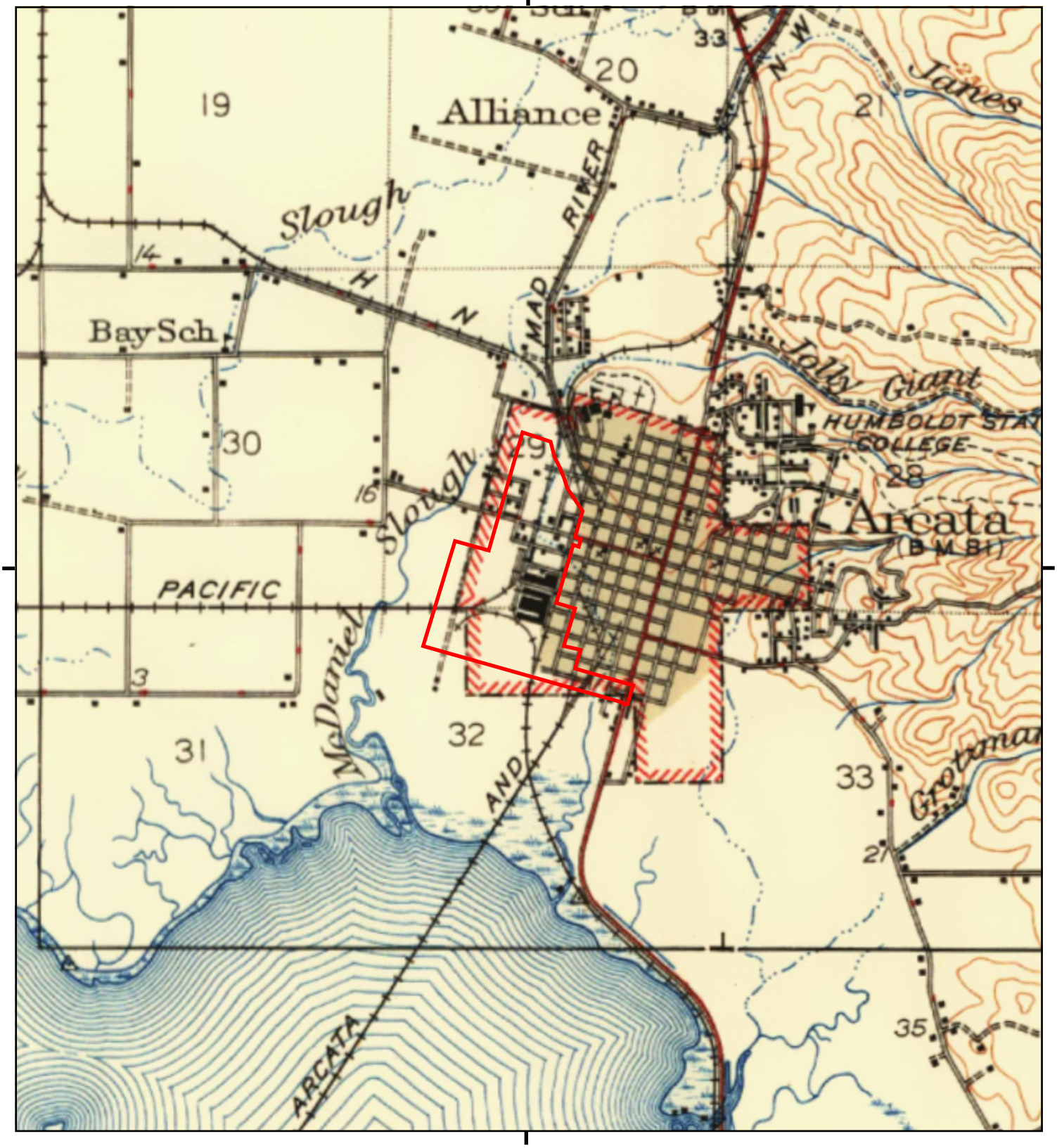
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1951, 15-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N



This report includes information from the following map sheet(s).

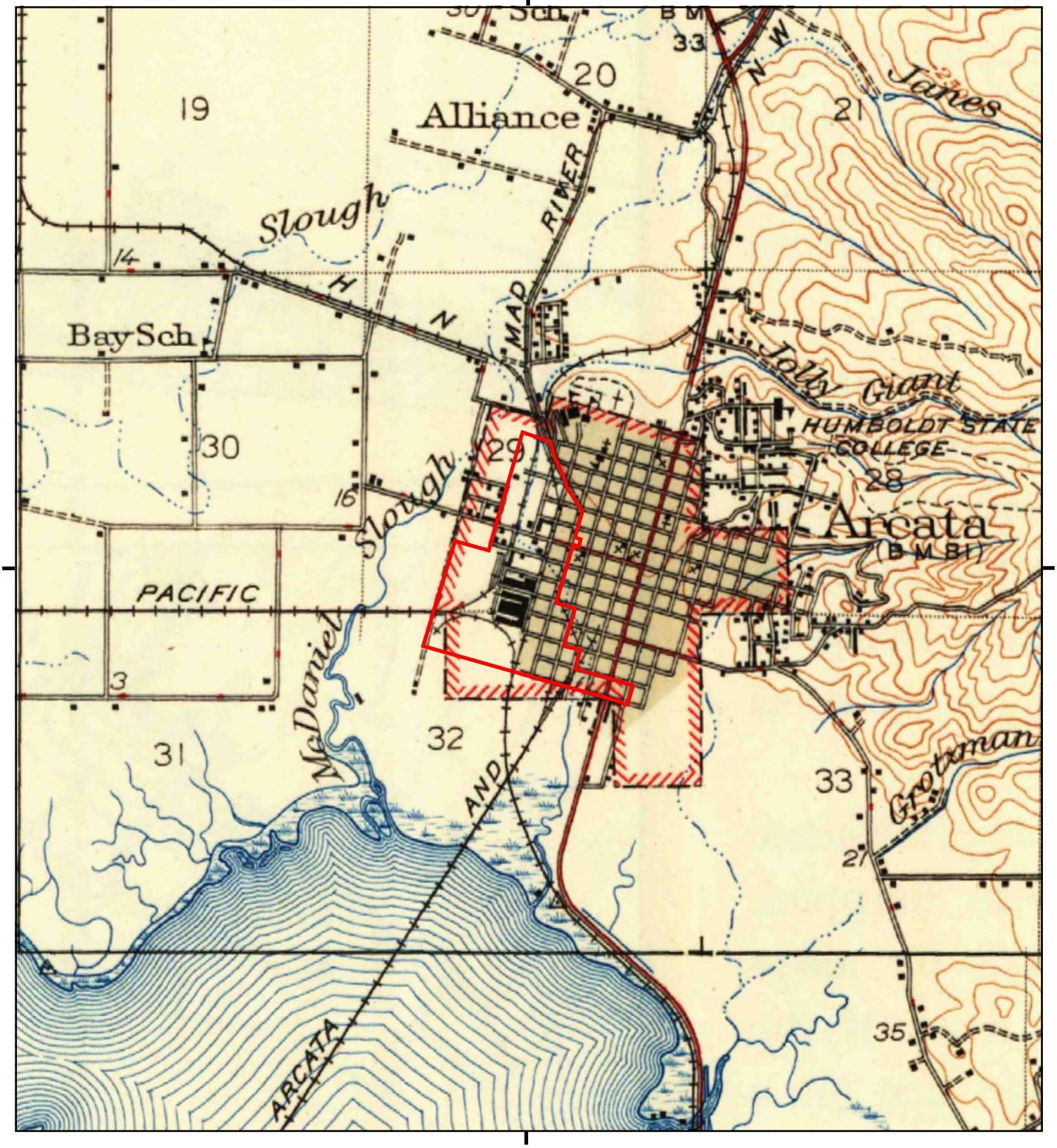
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EUREKA, 1947, 15-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

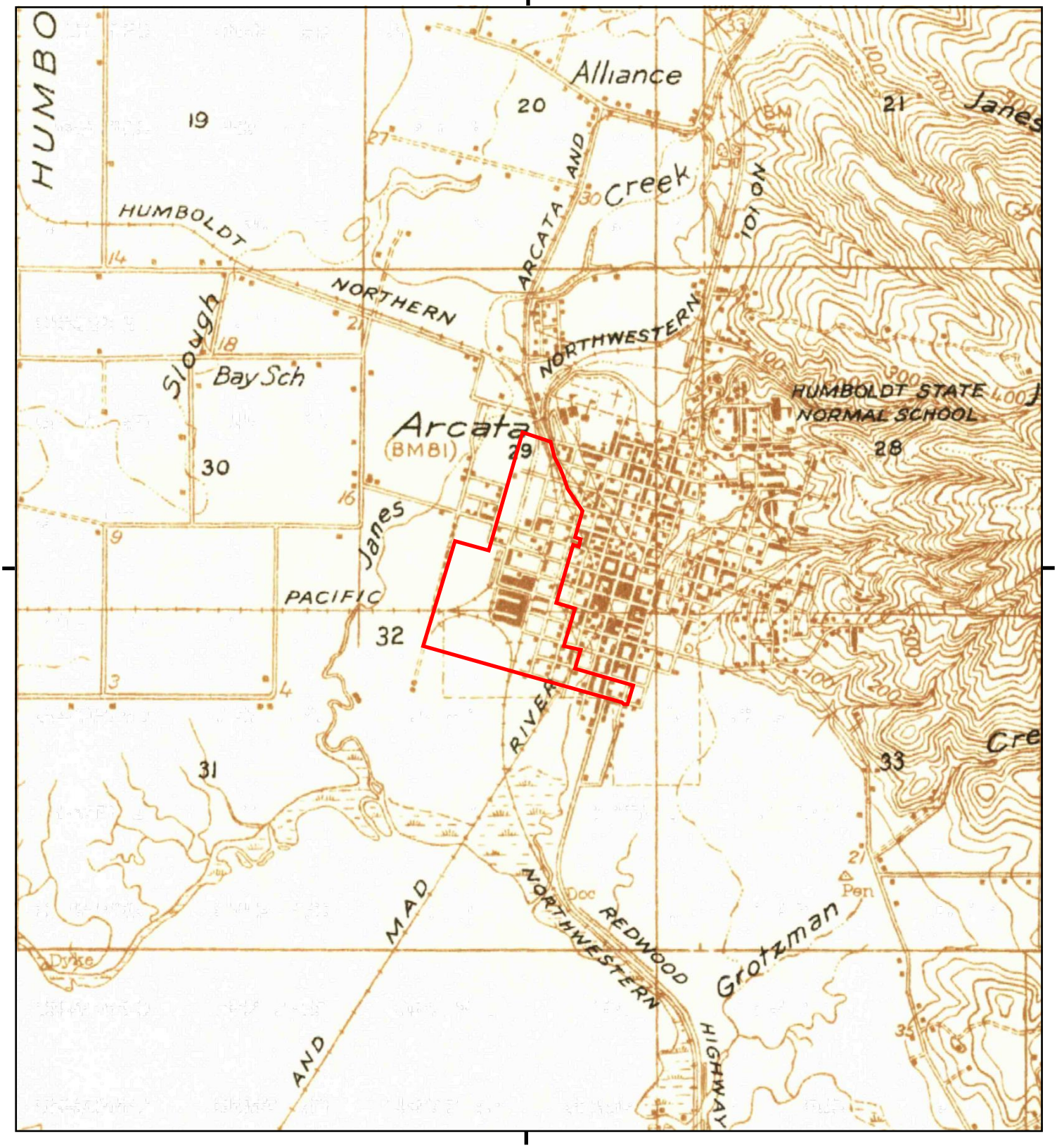
TP, Eureka, 1942, 15-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N

Historical Topo Map

1933



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1933, 15-minute

SITE NAME: 11228577.5.3.5 - Arcata, CA
ADDRESS: Mulitple - ARCATA, CA
Arcata, CA 95521
CLIENT: GHD Inc.

N

11228577.5.3.5 - Arcata, CA
Mulitple - ARCATA, CA
Arcata, CA 95521

Inquiry Number: 6904913.2s
March 18, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	904
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MULITPLE - ARCATA, CA
ARCATA, CA 95521

COORDINATES

Latitude (North):	40.8703220 - 40ˆ 52' 13.15''
Longitude (West):	124.0917890 - 124ˆ 5' 30.44''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	407995.9
UTM Y (Meters):	4524723.5
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12014174 ARCATA SOUTH, CA
Version Date:	2018
North Map:	12014172 ARCATA NORTH, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140607
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
MULITPLE - ARCATA, CA
ARCATA, CA 95521

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RELIABLE HARDWARE CO	011TH & M ST	CA FID UST	Lower	1 ft.
B2	RELIABLE HARDWARE CO	1309 ELEVENTH	LUST, Cortese, HIST CORTESE	Higher	1 ft.
C3	RELIABLE EQUIPMENT C	1217 ELEVENTH	LUST, Cortese, HIST CORTESE	Higher	1 ft.
D4	SHELL, CAHILL	K STREET 1122	LUST	Higher	1 ft.
B5	RELIABLE HARDWARE CO	11TH & M ST	SWEEPS UST	Higher	1 ft.
A6	EUREKA-HUMBOLDT FIRE	1424 11TH ST	CUPA Listings	Lower	1 ft.
B7	RELIABLE HARDWARE CO	11TH AND M STREETS	HIST UST	Higher	1 ft.
B8	RELIABLE HARDWARE CO	11TH & M STREETS	HIST UST	Higher	1 ft.
C9	RELIABLE EQUIPHEMT C	1219 11TH STREET	HIST UST, CUPA Listings	Higher	1 ft.
D10	CAHILL PATRIOT	1122 K ST	RCRA NonGen / NLR	Higher	1 ft.
D11	CAHILL SPIRIT - GAS	1122 K ST	CERS HAZ WASTE, CERS	Higher	1 ft.
D12	SHELL, CAHILL	1122 K	LUST, Cortese, CUPA Listings, EMI, HIST CORTESE	Higher	1 ft.
D13	CAHILL SPIRIT - GAS	1122 K ST	UST	Higher	1 ft.
D14	WILLIAMS AUTOMOTIVE	1122 K ST	RCRA NonGen / NLR	Higher	1 ft.
C15	RELIABLE EQUIPMENT C	1219 11TH ST	HIST UST	Higher	1 ft.
D16	CAHILLS SHELL	1122 K ST	EDR Hist Auto	Higher	1 ft.
D17	SCOTT CAHILL	1122 K ST	RCRA NonGen / NLR	Higher	1 ft.
E18	BUG PRESS INC	1461 M ST	RCRA NonGen / NLR	Higher	1 ft.
E19	REID & WRIGHT LUMBER	FOURTEENTH & M STREE	LUST, CPS-SLIC, Cortese, HIST CORTESE	Higher	1 ft.
F20	ARCATA MARINA	1198 13TH ST	RCRA-SQG, FINDS, ECHO	Higher	1 ft.
F21	MARV'S ELECTRIC-ARCA	1198 W 13TH STREET	SWEEPS UST	Higher	1 ft.
G22	REID & WRIGHT LUMBER	14TH STREET	DEED, CERS	Higher	1 ft.
H23	FISCH TRUST PROPERTY	M STREET 1461	LUST	Higher	1 ft.
E24	REID & WRIGHT LUMBER	FOURTEENTH & M STREE	LUST	Higher	1 ft.
G25	REID & WRIGHT LUMBER	14TH STREET	CPS-SLIC	Higher	1 ft.
F26	CHRIS RICHARDS AUTO	1188 13TH ST	CERS HAZ WASTE	Higher	1 ft.
I27	RICH'S BODY SHOP	1235 K ST	CUPA Listings	Higher	1 ft.
28	M STREET PROPERTY	1215 M STREET	US BROWNFIELDS	Higher	1 ft.
I29	RICKS BODY SHOP	1235 K ST	RCRA-SQG, FINDS	Higher	1 ft.
I30	RICH'S BODY SHOP	1235 K ST	CERS HAZ WASTE	Higher	1 ft.
F31	HITT FAMILY BYPASS T	1188 THIRTEENTH STRE	LUST, Cortese	Higher	1 ft.
F32	CHRIS RICHARDS AUTO	1188 13TH ST	CUPA Listings	Higher	1 ft.
F33	MARV'S ELECTRIC	1188 THIRTEENTH	LUST, HIST CORTESE	Higher	1 ft.
F34	CHRIS RICHARDS AUTOM	1188 13TH ST	RCRA NonGen / NLR	Higher	1 ft.
A35	ARCATA RESOURCE RECO	1445 10TH ST	CUPA Listings, NPDES, CIWQS	Lower	1 ft.
A36	STIMSON LUMBER COMPA	1445 TENTH STREET	LUST, Cortese	Lower	1 ft.
J37	MARIMBA ONE, INC.	901 O ST	RCRA NonGen / NLR	Lower	1 ft.
A38	EEL RIVER DISPOSAL D	1445 10TH ST	RCRA NonGen / NLR	Lower	1 ft.
J39	SCHMIDBAUER ARCATA M	901 O STREET	CPS-SLIC, CERS	Lower	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
MULITPLE - ARCATA, CA
ARCATA, CA 95521

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	SCHMIDBAUER ARCATA M	901 O STREET	CPS-SLIC, DEED	Lower	1 ft.
K41	WALLACE AND HINZ	1065 K ST	RCRA-SQG, LUST, FINDS, ECHO, Cortese, HAZNET, HIST...	Higher	1 ft.
K42	ALBEEWOOD INC - DBA	1065-B K ST	CUPA Listings	Higher	1 ft.
D43	ALBEEWOOD INC - DBA	1065-B K ST	CERS HAZ WASTE, CERS	Higher	1 ft.
K44	GERMAN MOTORS OF ARC	1065 K ST STE B	RCRA NonGen / NLR	Higher	1 ft.
D45	GERMAN MOTORS OF ARC	K STREET 1065	LUST	Higher	1 ft.
A46	STIMSON LUMBER COMPA	1423 TENTH	LUST, HIST CORTESE	Lower	1 ft.
D47	CAHILL SHELL	1122 K ST	CA FID UST	Higher	1 ft.
D48	CAHILL PATRIOT	1122 K ST	UST, SWEEPS UST	Higher	1 ft.
L49	APEX AUTO	801 1/2 K ST	CERS HAZ WASTE, CERS, HWTS	Higher	1 ft.
M50	CHAD'S AUTOMOTIVE RE	1305 10TH ST	CUPA Listings, HAZNET, HWTS	Higher	1 ft.
N51	WING INFLATABLES, IN	1220 5TH ST	CERS HAZ WASTE, CERS	Lower	1 ft.
N52	WING INFLATABLES INC	1220 5TH ST	RCRA NonGen / NLR	Lower	1 ft.
L53	APEX AUTO	801 1/2 K ST	RCRA NonGen / NLR	Higher	1 ft.
L54	BARSANTI DENTAL GROU	1180 8TH ST	RCRA NonGen / NLR	Higher	1 ft.
O55	CHEVRON 206128	1380 NINTH ST	RCRA-LQG	Higher	1 ft.
N56	BRADFORD FLOYD ATTOR	1220 5TH ST	CUPA Listings, HAZNET, HWTS	Lower	1 ft.
N57	WING INFLATABLES INC	1220 5TH ST	RCRA-SQG, FINDS, ECHO	Lower	1 ft.
P58	FEDEX GROUND PACKAGE	1385 8TH STREET	RCRA-SQG, FINDS, ECHO	Lower	1 ft.
Q59	AMERIGAS - ARCATA -	625 K ST	CHMIRS, CUPA Listings	Lower	1 ft.
O60	BRIZARD COMPANY	820 N STREET	LUST, Cortese, HIST CORTESE	Lower	1 ft.
Q61	ALL AROUND V-DUB	1087 7TH ST	RCRA NonGen / NLR	Higher	1 ft.
M62	CHAD'S AUTOMOTIVE RE	1305 10TH ST	RCRA NonGen / NLR	Higher	1 ft.
M63	ARCATA BEKIN MOVING	1191 9TH ST	SWEEPS UST	Higher	1 ft.
Q64	LORENZO SERVICE CENT	660 K STREET	HIST UST	Lower	1 ft.
Q65	LORENZO SERVICE CENT	660 K ST	SWEEPS UST, CA FID UST	Lower	1 ft.
Q66	LORENZO SERVICE CENT	660 K ST	HIST UST	Lower	1 ft.
R67	ARCATA 7TH STREET LL	668 J STREET	RCRA NonGen / NLR	Higher	1 ft.
68	PG AND E HYDROTEST T	L STREET AND 7TH STR	RCRA NonGen / NLR	Lower	1 ft.
M69	NORTH BAY AUTOMOTIVE	1305 10TH ST	CERS HAZ WASTE, CERS	Higher	1 ft.
O70	ARCATA COMMUNITY REC	1380 009TH ST	CA FID UST	Lower	1 ft.
M71	ARCATA MOVING AND ST	1191 NINTH STREET	LUST, Cortese, HIST CORTESE	Higher	1 ft.
L72	CALIF CENTRAL CREAME	L & EIGHTH STREET	CPS-SLIC	Higher	1 ft.
O73	ARVATA COMMUNITY REC	1380 NINTH STREET	LUST, CPS-SLIC, HIST UST, Cortese, Notify 65	Higher	1 ft.
Q74	ALL AROUND V-DUB	1087 7TH ST	CUPA Listings	Higher	1 ft.
N75	BLAZE FIREWOOD	1220 5TH ST # B	CUPA Listings	Lower	1 ft.
P76	FEDEXGROUND - EUREKA	1385 8TH ST	CUPA Listings	Lower	1 ft.
N77	HUMBOLDT WASTE MANAG	1220 FIFTH STREET	CPS-SLIC	Lower	1 ft.
L78	ARCATA TRANSMISSION	801 K STREET	EDR Hist Auto	Higher	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
MULITPLE - ARCATA, CA
ARCATA, CA 95521

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79	ARCATA COMMUNITY REC	1380 9TH	LUST, HIST CORTESE	Higher	1 ft.
L80	ARCATA TRANSMISSION	801 K ST	RCRA NonGen / NLR	Higher	1 ft.
O81	ARCATA COMMUNITY REC	1380 9TH ST	SWEEPS UST, HIST UST, CUPA Listings, HAZNET, HWTS	Higher	1 ft.
N82	BEAVER LUMBER COMPAN	1220 5TH STREET	ENVIROSTOR, CUPA Listings, HIST CORTESE	Lower	1 ft.
N83	BEAVER LUMBER COMPAN	1220 FIFTH STREET	CPS-SLIC, ENF	Lower	1 ft.
P84	FEDEXGROUND - EUREKA	1385 8TH ST	CERS HAZ WASTE	Lower	1 ft.
L85	APEX AUTO	801 1/2 K ST	CUPA Listings	Higher	1 ft.
S86	KENS AUTO PARTS	480 G STREET	LUST, Cortese	Lower	1 ft.
S87	DEANS CHEVRON	698 SAMOA BLVD	EDR Hist Auto	Lower	1 ft.
T88	SVDP THRIFT STORE, F	513 K STREET	LUST, Cortese	Lower	1 ft.
U89	GAS N SAVE AT ARCATA	421 J ST	HIST UST	Lower	1 ft.
V90	PERKINS BODY SHOP	497 I ST	CERS HAZ WASTE, CUPA Listings, HWTS	Lower	1 ft.
U91	CASH OIL OF ARCATA	421 J ST	EDR Hist Auto	Lower	1 ft.
T92	REDWOOD AUTOMOTIVE	513 J ST	CUPA Listings, HAZNET, HWTS	Lower	1 ft.
S93	COAST OIL STATIONS O	437 G STREET	EDR Hist Auto	Lower	1 ft.
S94	VAGLE'S UNIONTOWN TI	437 G STREET	LUST, HAULERS, Cortese, HIST CORTESE	Lower	1 ft.
95	SOILSCAPE SOLUTIONS	1680 SAMOA BLVD	SWF/LF, PEST LIC, CIWQS	Lower	1 ft.
U96	CASH OIL COMPANY ARC	421 J ST	SWEEPS UST, CA FID UST	Lower	1 ft.
U97	GAS N SAVE AT ARCATA	421 J STREET	HIST UST	Lower	1 ft.
S98	G AND K ENGINE SVC	480 G ST	RCRA-SQG, FINDS, ECHO	Lower	1 ft.
S99	VIDEO EXPERIENCE	698 SAMOA BLVD	LUST, Cortese	Lower	1 ft.
V100	AUTO BODY EXPRESS	497 I STREET	RCRA NonGen / NLR	Lower	1 ft.
U101	HUMBOLDT PETROLEUM I	421 J ST	UST	Lower	1 ft.
U102	ARCATA TEXACO	421 J STREET	LUST, Cortese, EMI, HIST CORTESE	Lower	1 ft.
T103	ROCK SOLID 4X4	570 K ST	CERS HAZ WASTE, CERS	Lower	1 ft.
U104	INDUSTRIAL ELECTRIC	990 SAMOA BLVD	CERS HAZ WASTE, CERS	Lower	1 ft.
S105	CHEVRON SERVICE STN	698 FOURTH ST	CA FID UST	Lower	1 ft.
U106	HPI - ARCATA TEXACO	421 J ST	UST	Lower	1 ft.
U107	INDUSTRIAL ELECTRIC	990 SAMOA BLVD	RCRA NonGen / NLR	Lower	1 ft.
S108	95504	698 4TH ST	SWEEPS UST, HIST UST	Lower	1 ft.
T109	WHITELEY ARCATA DIES	550 K	LUST, Cortese, HIST CORTESE	Lower	1 ft.
U110	ARCATA CHEVRON	421 J ST	RCRA NonGen / NLR	Lower	1 ft.
T111	WING INFLATABLES INC	1132 SAMOA BLVD	CUPA Listings	Lower	1 ft.
T112	WHITELEY ARCATA DIES	1092 5TH ST	SWEEPS UST, CA FID UST	Lower	1 ft.
S113	CHEVRON #9-5504	698 4TH	LUST, Cortese, HIST CORTESE	Lower	1 ft.
W114	TROMBETTA WAREHOUSE	1162 SAMOA	LUST, Cortese, ENF, HIST CORTESE	Lower	1 ft.
T115	ROCK SOLID 4X4	570 K ST	CUPA Listings	Lower	1 ft.
V116	PERKINS BODY SHOP	497 I ST	RCRA NonGen / NLR	Lower	1 ft.
S117	DUNCAN J M	665 4TH ST	EDR Hist Auto	Lower	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
MULITPLE - ARCATA, CA
ARCATA, CA 95521

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
V118	NEELY AUTOMOTIVE	980 5TH ST	CUPA Listings	Lower	1 ft.
U119	HUMBOLDT PETROLEUM I	421 J ST	CERS HAZ WASTE, CERS TANKS, CUPA Listings, CERS	Lower	1 ft.
W120	RAY CAVAGNARO INC	1162 SAMOA BLVD	SWEEPS UST, HIST UST	Lower	1 ft.
V121	NEELY AUTOMOTIVE	980 5TH ST	CERS HAZ WASTE, CERS	Lower	1 ft.
T122	ROCKSOLID 4X4	570 K ST	RCRA NonGen / NLR	Lower	1 ft.
U123	INDUSTRIAL ELECTRIC	990 SAMOA BLVD	CUPA Listings	Lower	1 ft.
U124	C K JOHNSON INDUSTRI	1061 SAMOA BLVD	CUPA Listings, NPDES, CIWQS	Lower	9, 0.002, South
U125	C & K JOHNSON INDUST	1061 SAMOA BLVD	CERS HAZ WASTE, CERS	Lower	9, 0.002, South
U126	C & K JOHNSON INDUST	1061 SAMOA BLVD	RCRA NonGen / NLR	Lower	9, 0.002, South
U127	ARCATA BODY SHOP - F	1017 SAMOA BLVD BLDG	CUPA Listings	Lower	25, 0.005, South
U128	PACIFIC CLEARS, INC.	1017 SAMOA BLVD.	CUPA Listings, EMI	Lower	25, 0.005, South
U129	PACIFIC CLEARS	1017 SAMOA BLVD	RCRA NonGen / NLR	Lower	25, 0.005, South
U130	PACIFIC CLEARS	1017 SAMOA BLVD	RCRA-SQG, FINDS, ECHO	Lower	25, 0.005, South
U131	PACIFIC CLEARS	1017 SAMOA BLVD	CERS HAZ WASTE, CERS	Lower	25, 0.005, South
X132	A & A TEXACO	665 SAMOA BLVD	EDR Hist Auto	Lower	26, 0.005, SSE
X133	PORTER STREET BBQ /	665 SAMOA BOULEVARD	LUST, Cortese	Lower	26, 0.005, SSE
Y134	INDUSTRIAL ELECTRIC	1601 SAMOA BLVD	HIST UST	Lower	26, 0.005, SW
Y135	INDUSTRIAL ELECTRIC	1601 SAMOA BLVD	SWEEPS UST, CA FID UST	Lower	26, 0.005, SW
Z136	ISACKSON MOTORS	SIXTH & I ST	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	36, 0.007, SE
Z137	JOE MELLO AUTO REPAI	601 I ST STE 3	CERS HAZ WASTE, CERS	Lower	36, 0.007, SE
Z138	JOE MELLO AUTO REPAI	601 I ST STE 3	CUPA Listings	Lower	36, 0.007, SE
AA139	SCHMIDBAUER ARCATA M	1695 TENTH	LUST, CPS-SLIC, Cortese, HIST CORTESE	Lower	68, 0.013, WNW
AA140	SCHMIDBAUER ARCATA M	1695 TENTH STREET	RCRA-SQG	Lower	68, 0.013, WNW
H141	SHOLES OVERHEAD DOOR	1485 L ST	HIST UST	Higher	81, 0.015, NNE
H142	SHOLES QVERHEAD DOOR	1485 L STREET	HIST UST	Higher	81, 0.015, NNE
H143	SHOLES OVERHEAD DOOR	1485 L ST	SWEEPS UST, CA FID UST	Higher	81, 0.015, NNE
R144	HPRC ARCATA	980 6TH ST	CUPA Listings	Higher	90, 0.017, SSE
AB145	ARCATA HIGH SCHOOL	1720 M ST	SWEEPS UST, HIST UST, HWTS	Higher	112, 0.021, NNE
AB146	NHUHSD - ARCATA HIGH	1720 M ST	CERS HAZ WASTE, CERS	Higher	112, 0.021, NNE
AB147	ARCATA HIGH SCHOOL	1720 M ST	RCRA NonGen / NLR	Higher	112, 0.021, NNE
AB148	ARCATA HIGH SCHOOL	1720 M STREET	LUST, HIST UST, Cortese, CUPA Listings, HIST...	Higher	112, 0.021, NNE
149	ENTERPRISE RENT A CA	350 I ST	RCRA NonGen / NLR	Lower	143, 0.027, SSE
Z150	PG&E: ARCATA SUBSTAT	620 I ST	CUPA Listings	Higher	159, 0.030, SE
Z151	ARCATA SUBSTATION	620 I ST	AST	Higher	159, 0.030, SE
AA152	ARCATA BODY SHOP	823 Q ST	CERS HAZ WASTE	Lower	165, 0.031, WNW
AA153	ARCATA BODY SHOP	823 Q ST	CUPA Listings	Lower	165, 0.031, WNW
AB154	ARCATA HIGH SCHOOL	M STREET 1720	LUST	Higher	190, 0.036, NNE
AC155	JAMES C DANIELSON DD	1019 10TH ST	CUPA Listings	Higher	197, 0.037, East
AC156	BARRY M LEE DDS	1017 10TH ST	CUPA Listings, HAZNET, HWTS	Higher	199, 0.038, East

MAPPED SITES SUMMARY

Target Property Address:
MULITPLE - ARCATA, CA
ARCATA, CA 95521

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AD157	CYPRESS GROVE CHEVRE	1330 Q ST	CERS HAZ WASTE, CERS	Higher	218, 0.041, North
AD158	CYPRESS GROVE CHEVRE	1330 Q ST	RCRA NonGen / NLR	Higher	218, 0.041, North
AD159	CYPRESS GROVE CHEVRE	1330 Q STREET	CUPA Listings, NPDES, CIWQS, CERS	Higher	218, 0.041, North
AE160	ARCATA PARKING LOT	789 I STREET	CPS-SLIC	Higher	222, 0.042, SE
161	WHITCOMB WILBUR B	1599 11TH ST	EDR Hist Auto	Lower	223, 0.042, NW
AF162	THE UNION NEWSPAPER	613 H ST	HIST UST	Higher	303, 0.057, SE
AF163	HADLEY NEWSPAPER INC	613 H ST	HIST UST	Higher	303, 0.057, SE
AF164	THE UNION NEWSPAPER	613 H STREET	HIST UST	Higher	303, 0.057, SE
165	AMERICAN HYDROPONICS	286 S G ST	RCRA NonGen / NLR	Lower	337, 0.064, SSE
AE166	PC SACCHI INC	865 EIGHTH ST	RCRA-SQG	Higher	362, 0.069, SE
AE167	SACCHI PROPERTIES	865 EIGHTH STREET	LUST, CPS-SLIC, Cortese	Higher	362, 0.069, SE
AE168	P C SACCHI INC	865 8TH STREET	SWEEPS UST, HIST UST	Higher	362, 0.069, SE
AC169	RONALD N BARSANTI DD	991 10TH ST	CUPA Listings, HAZNET, HWTS	Higher	370, 0.070, East
AC170	TRISH A BARSANTI DDS	991 10TH ST	RCRA NonGen / NLR	Higher	370, 0.070, East
AG171	JASON T. STUAN, DDS	889 9TH ST	CUPA Listings	Higher	418, 0.079, ESE
AG172	JASON T. STUAN D.D.S	889 9TH ST	CERS HAZ WASTE	Higher	418, 0.079, ESE
AH173	CHP HUMBOLDT AREA OF	255 E SAMOA BLVD	SWEEPS UST, HIST UST, CA FID UST, CUPA Listings	Lower	440, 0.083, SSE
AI174	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST	Higher	445, 0.084, East
AJ175	SAFEWAY 0793	600 F ST	CERS HAZ WASTE, CERS	Higher	449, 0.085, SE
AJ176	CVS PHARMACY #9482	600 F STREET	RCRA-LQG	Higher	449, 0.085, SE
AJ177	SAFEWAY 0793	600 F ST	CUPA Listings	Higher	449, 0.085, SE
AJ178	SAFEWAY 0793	600 F ST	RCRA-LQG, FINDS, ECHO	Higher	449, 0.085, SE
AJ179	CVS PHARMACY # 9482	600 F ST	CUPA Listings, HAZNET, HWTS	Higher	449, 0.085, SE
AJ180	CVS PHARMACY # 9482	600 F ST	CERS HAZ WASTE, CERS	Higher	449, 0.085, SE
AG181	NORTHCOAST ENV CENTE	879 9TH ST	RCRA NonGen / NLR	Higher	456, 0.086, ESE
AG182	RITE-WAY CLEANERS	879-9TH ST	EDR Hist Cleaner	Higher	456, 0.086, ESE
AG183	NORTHCOAST ENVIRONME	879 NINTH STREET	US BROWNFIELDS	Higher	456, 0.086, ESE
AG184	NORTHCOAST ENVIRONME	879 NINTH STREET	CPS-SLIC, CERS	Higher	456, 0.086, ESE
AG185	NORTHCOAST ENVIRONME	879 NINTH ST	LUST, Cortese	Higher	456, 0.086, ESE
AH186	MAD RIVER ARCATA AMB	220 F ST	SWEEPS UST, CA FID UST	Lower	468, 0.089, SSE
AH187	ARCATA AMBULANCE	220 F	LUST, Cortese, HIST CORTESE	Lower	468, 0.089, SSE
AH188	MAD ARCATA RIVER AMB	220 F ST	HIST UST	Lower	468, 0.089, SSE
AH189	MAD ARCATA RIVER AMB	220 F STREET	HIST UST	Lower	468, 0.089, SSE
AH190	ARCATA BAY SELF STOR	250 E ST	CUPA Listings	Lower	481, 0.091, SE
AH191	250 E STREET	250 E STREET	US BROWNFIELDS, FINDS	Lower	481, 0.091, SE
AI192	HAWK INDUSTRIAL & MA	937 10TH ST	CUPA Listings, HAZNET, HWTS	Higher	495, 0.094, East
AH193	GREGS MOBIL	201 E LIFE RD	EDR Hist Auto	Lower	512, 0.097, SSE
AK194	ARCO #00421	660 SEVENTH STREET	LUST, Cortese	Higher	577, 0.109, SE
AI195	JASON T. STUAN DDS	950 I ST	CUPA Listings	Higher	600, 0.114, East

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AL196	WALLACE D RICHMOND	1696 17TH ST	HIST UST	Lower	602, 0.114, North
AL197	RICHMOND, WALLACE H.	1696 17TH ST	SWEEPS UST, CA FID UST	Lower	602, 0.114, North
AM198	GENERAL MACHINE FABR	1795 ALLIANCE RD	CERS HAZ WASTE	Higher	628, 0.119, North
AM199	GENERAL MACHINE FABR	1795 ALLIANCE RD	CUPA Listings	Higher	628, 0.119, North
AM200	GENERAL MACHINE FABR	1795 ALLIANCE RD	RCRA NonGen / NLR	Higher	628, 0.119, North
AK201	EDS SHELL SERVICE	7TH & G STS	EDR Hist Auto	Higher	630, 0.119, SE
AI202	NELSON PROPERTY	854 10TH STREET	CPS-SLIC	Higher	658, 0.125, East
AI203	HUMBOLDT BREWING CO	856 10TH ST	CUPA Listings	Higher	659, 0.125, East
AJ204	LITTLE LAKES INDUSTR	748 F ST	US BROWNFIELDS	Higher	679, 0.129, ESE
AK205	UNIONTOWN UNION 76	724 G ST	RCRA NonGen / NLR	Higher	710, 0.134, SE
AK206	BO & T - UNIONTOWN 7	724 G ST	UST	Higher	710, 0.134, SE
AK207	BO & T - UNIONTOWN U	724 G ST	CERS HAZ WASTE, CERS TANKS, CERS	Higher	710, 0.134, SE
AK208	UNION OIL SS 4066	724 G ST	HIST UST	Higher	710, 0.134, SE
AK209	BO & T - UNIONTOWN U	724 G ST	CUPA Listings	Higher	710, 0.134, SE
AK210	UNOCAL UNIONTOWN UNI	724 G ST	SWEEPS UST, HIST UST, CA FID UST	Higher	710, 0.134, SE
AK211	BO & T - UNIONTOWN U	724 G ST	UST	Higher	710, 0.134, SE
AK212	UNIONTOWN UNION 76	724 G ST	LUST, Cortese, EMI, HAZNET, HIST CORTESE, HWTS	Higher	710, 0.134, SE
213	ARCATA CITY OF FRANK	736 F	SWEEPS UST, CA FID UST, ENF, NPDES, CIWQS	Higher	768, 0.145, ESE
AK214	ARCATA MUFFLER	791 G ST	SWEEPS UST, CA FID UST	Higher	769, 0.146, ESE
AN215	DELUXE CLEANERS	987 H ST	SEMS-ARCHIVE, RCRA-SQG, CPS-SLIC, FINDS, ECHO,...	Higher	772, 0.146, East
AN216	GHERA PROPERTY	987 H STREET	CPS-SLIC, CERS	Higher	772, 0.146, East
AO217	SCHMIDT RESIDENCE	J STREET 1562	LUST	Higher	803, 0.152, NE
AO218	SCHMIDT RESIDENCE	1562 J	LUST, Cortese, HIST CORTESE	Higher	841, 0.159, NE
AN219	HUMBOLDT OPEN DOOR C	770 10TH ST	CUPA Listings, HAZNET, HWTS	Higher	927, 0.176, East
220	MARSH COMMONS	101 G STREET, SOUTH	CPS-SLIC, ENF	Lower	958, 0.181, SSE
AP221	OLD ARCATA CITY HALL	900 G STREET	LUST, Cortese	Higher	1003, 0.190, ESE
AQ222	SHIFT-EZE TRANSMISSI	1800 Q ST STE B	CUPA Listings	Higher	1012, 0.192, North
AQ223	MAIL HAUL INC	1800 Q ST STE A	RCRA NonGen / NLR	Higher	1012, 0.192, North
AQ224	MAIL HAUL INC.	1800 Q ST	CUPA Listings	Higher	1012, 0.192, North
AQ225	MAIL HAUL INC.	1800 Q ST	CERS HAZ WASTE, CERS	Higher	1012, 0.192, North
AQ226	CASCADE FOREST PRO I	1800 Q ST	HIST UST	Higher	1012, 0.192, North
227	WELLS FARGO - ARCATA	1103 G STREET	RCRA NonGen / NLR	Higher	1021, 0.193, East
AR228	COMPLETE ENGINE SERV	105 H ST	CERS HAZ WASTE, CERS, HWTS	Lower	1047, 0.198, SSE
AR229	COMPLETE ENGINE SERV	105 H ST	CUPA Listings	Lower	1047, 0.198, SSE
AR230	COMPLETE ENGINE SERV	105 H ST	RCRA NonGen / NLR	Lower	1047, 0.198, SSE
231	UNOCAL #0885	1033 G	LUST, Cortese, HIST CORTESE	Higher	1049, 0.199, East
AP232	BANK OF LOLETA	990 G STREET	HIST UST	Higher	1074, 0.203, ESE
AP233	BANK OF LOLETA	990 G ST	HIST UST	Higher	1074, 0.203, ESE
AP234	US BANK OF CALIFORNI	990 G ST	SWEEPS UST, CA FID UST	Higher	1074, 0.203, ESE

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MULITPLE - ARCATA, CA
ARCATA, CA 95521

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AP235	U. S. BANK OF CALIFO	TENTH & G ST	LUST, Cortese, HIST CORTESE	Higher	1075, 0.204, East
AP236	U. S. BANK OF CALIFO	TENTH & G STREETS	LUST	Higher	1075, 0.204, East
AS237	RICHARD BENOIT DDS	1492 H ST	CUPA Listings	Higher	1100, 0.208, ENE
AS238	RICHARD BENOIT DDS	1492 H ST	CERS HAZ WASTE	Higher	1100, 0.208, ENE
AT239	MANILA ELEMENTARY SC		CPS-SLIC	Lower	1104, 0.209, ESE
AT240	UNIVERSAL FOREST PRO		CPS-SLIC	Lower	1104, 0.209, ESE
AP241	ARCATA FIRE PROTECTI	631 9TH	LUST, HIST UST, Cortese, HIST CORTESE	Higher	1124, 0.213, ESE
AP242	MAIN STATION	631 9TH ST	SWEEPS UST, HIST UST	Higher	1124, 0.213, ESE
AU243	JOHNATHAN J. CHOI DD	1369 G ST	RCRA NonGen / NLR	Higher	1130, 0.214, ENE
AS244	SWEET, WALTER B., IN	15TH STREET 760	LUST	Higher	1182, 0.224, ENE
AS245	HPI #21	1401 G ST	CERS HAZ WASTE, CERS TANKS, CUPA Listings, CERS	Higher	1183, 0.224, ENE
AS246	HPI #21	1401 G ST	UST	Higher	1183, 0.224, ENE
AS247	BLOXHAM'S SHELL	1401 G ST	SWEEPS UST, CA FID UST	Higher	1183, 0.224, ENE
AS248	BLOXHAMS EXXON SERV	1401 G STREET	HIST UST	Higher	1183, 0.224, ENE
AS249	SHELL, BLOXHAM'S	1401 G	LUST, EMI, HIST CORTESE	Higher	1183, 0.224, ENE
AS250	BLOXHAM'S SHELL	1401 G ST	RCRA NonGen / NLR	Higher	1183, 0.224, ENE
AS251	BLOXHAM'S EXXON SERV	1401 G ST	HIST UST	Higher	1183, 0.224, ENE
AS252	SHELL, BLOXHAMS	1401 G STREET	Cortese, CERS	Higher	1183, 0.224, ENE
AS253	BLOXHAM'S SHELL	1401 G ST	UST	Higher	1183, 0.224, ENE
AV254	GREENWOOD CEMETERY	1757 J ST	SWEEPS UST, CA FID UST	Higher	1185, 0.224, NNE
AV255	GREENWOOD CEMETERY A	1757 J STREET	HIST UST	Higher	1185, 0.224, NNE
AV256	GREENWOOD CEMETERY A	1757 J ST	HIST UST	Higher	1185, 0.224, NNE
AV257	GREENWOOD CEMETERY A	1757 J STREET	LUST, Cortese, HIST CORTESE	Higher	1185, 0.224, NNE
AS258	SWEET, WALTER B., IN	760 15TH	LUST, Cortese, HIST CORTESE	Higher	1201, 0.227, NE
AU259	PACIFIC BELL	1300 G STREET	UST, SWEEPS UST, HIST UST, RCRA NonGen / NLR,...	Higher	1225, 0.232, ENE
AU260	AT&T CALIFORNIA - TE	1300 G ST	UST	Higher	1225, 0.232, ENE
AU261	AT&T CALIFORNIA - TE	1300 G ST	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1225, 0.232, ENE
262	EUREKA READY MIX - G	1750 GLENDALE DR	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1226, 0.232, NE
263	MAD RIVER HARDWOOD C		CPS-SLIC	Higher	1232, 0.233, ESE
264	CLIFFORD PROPERTY	40 G	LUST, Cortese, HIST CORTESE	Lower	1558, 0.295, SSE
265	EEL RIVER SAWMILL, S	2000 FOSTER	LUST, CPS-SLIC, Cortese, HIST CORTESE	Higher	1559, 0.295, NNW
266	CHISUM, SHIRLEY	JANES & ELEVENTH STR	CPS-SLIC, DEED	Lower	1647, 0.312, WNW
AW267	SCIARONI PROPERTY	1800 BOTTOMS	LUST, Cortese, HIST CORTESE	Higher	1830, 0.347, NE
AW268	PHILLY CHEESE STEAK	1811 G STREET	LUST	Higher	1895, 0.359, NE
AW269	PHILLY CHEESE STEAK	1811 G STREET	Cortese, CERS	Higher	1895, 0.359, NE
270	ARCATA OPEN DOOR COM	1150 FOSTER AVENUE	ENVIROSTOR, NPDES, CIWQS, CERS	Higher	1909, 0.362, NNE
AX271	CITY OF ARCATA COMPO	600 S G ST	SWF/LF	Lower	1915, 0.363, South
AX272	ARCATA CITY WWTF	600 SOUTH G STREET	PFAS	Lower	1915, 0.363, South
AW273	HUMBOLDT STATE UNIVE	HSU SEQUOIA MALL	LUST, Cortese	Higher	2043, 0.387, NE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AW274	SIMPSON TIMBER (BRAI	BRAINARD YARD	LUST	Higher	2043, 0.387, NE
AW275	REDWOOD EMPIRE AGGRE	HIGHWAY 101/GUINTOLI	LUST	Higher	2043, 0.387, NE
AW276	HUMBOLDT STATE UNIVE	GYMNASIUM LANE	LUST, Cortese	Higher	2043, 0.387, NE
AY277	ARCATA SOUTH	46 SOUTH I STREET	US BROWNFIELDS, FINDS	Lower	2276, 0.431, South
AY278	LITTLE LAKE INDUSTRI	46 SOUTH I STREET	US BROWNFIELDS	Lower	2276, 0.431, South
AY279	LITTLE LAKE INDUSTRI	46 I STREET, SOUTH	LUST, CPS-SLIC, CHMIRS, Cortese, HIST CORTESE	Lower	2276, 0.431, South
280	ARCATA 76	2205 ALLIANCE ROAD	LUST, Cortese, EMI, HIST CORTESE, CERS	Higher	2289, 0.434, North
281	HUMBOLDT STATE UNIV-	FOURTEENTH & B ST	LUST, HIST CORTESE	Higher	2337, 0.443, East
AY282	NORTH COAST QUALITY	31 I ST	SWF/LF	Lower	2381, 0.451, South
AZ283	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	4857, 0.920, North
AZ284	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	4857, 0.920, North
AZ285	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	4857, 0.920, North
286	SIMPSON REDWOOD CO.	FOSTER AVENUE	ENVIROSTOR, VCP	Higher	5235, 0.991, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state and tribal leaking storage tanks

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Properties
INDIAN VCP ..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ..... Waste Management Unit Database
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites ..... Historical Calsites Database
SCH ..... School Property Evaluation Program
CDL ..... Clandestine Drug Labs
Toxic Pits ..... Toxic Pits Cleanup Act Sites
US CDL ..... National Clandestine Laboratory Register
AQUEOUS FOAM ..... Former Fire Training Facility Assessments Listing

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System

LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing

PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
MINES MRDS ---- Mineral Resources Data System
HWTS ---- Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2022 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELUXE CLEANERS Site ID: 0905260 EPA Id: CAD983645094	***987 H ST***	***E 1/8 - 1/4 (0.146 mi.)***	***AN215***	***649***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 02/28/2022 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 206128 EPA ID:: CAP000263459	1380 NINTH ST	0 - 1/8 (0.000 mi.)	O55	185
CVS PHARMACY #9482 EPA ID:: CA0001007079	600 F STREET	SE 0 - 1/8 (0.085 mi.)	AJ176	528
SAFEWAY 0793 EPA ID:: CAR000239905	***600 F ST***	***SE 0 - 1/8 (0.085 mi.)***	***AJ178***	***539***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/28/2022 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCATA MARINA	***1198 13TH ST***	***0 - 1/8 (0.000 mi.)***	***F20***	***54***

EPA ID:: CAD982489684				
RICKS BODY SHOP EPA ID:: CAD982325177	***1235 K ST***	***0 - 1/8 (0.000 mi.)***	***I29***	***68***
WALLACE AND HINZ EPA ID:: CAD983643081	***1065 K ST***	***0 - 1/8 (0.000 mi.)***	***K41***	***94***
PC SACCHI INC EPA ID:: CAD982004772	865 EIGHTH ST	SE 0 - 1/8 (0.069 mi.)	AE166	502
DELUXE CLEANERS EPA ID:: CAD983645094	***987 H ST***	***E 1/8 - 1/4 (0.146 mi.)***	***AN215***	***649***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WING INFLATABLES INC EPA ID:: CAD982525255	***1220 5TH ST***	***0 - 1/8 (0.000 mi.)***	***N57***	***190***
FEDEX GROUND PACKAGE EPA ID:: CAR000239731	***1385 8TH STREET***	***0 - 1/8 (0.000 mi.)***	***P58***	***194***
G AND K ENGINE SVC EPA ID:: CAD982509200	***480 G ST***	***0 - 1/8 (0.000 mi.)***	***S98***	***283***
PACIFIC CLEARS EPA ID:: CAD982004475	***1017 SAMOA BLVD***	***S 0 - 1/8 (0.005 mi.)***	***U130***	***375***
ISACKSON MOTORS EPA ID:: CAD981683691	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
SCHMIDBAUER ARCATA M EPA ID:: CAR000204586	1695 TENTH STREET	WNW 0 - 1/8 (0.013 mi.)	AA140	438

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCATA OPEN DOOR COM Facility Id: 60002941 Status: No Action Required	***1150 FOSTER AVENUE***	***NNE 1/4 - 1/2 (0.362 mi.)***	***270***	***825***
SIMPSON REDWOOD CO. Facility Id: 12240118 Status: Certified / Operation & Maintenance	***FOSTER AVENUE***	***NW 1/2 - 1 (0.991 mi.)***	***286***	***881***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEAVER LUMBER COMPAN	***1220 5TH STREET***	***0 - 1/8 (0.000 mi.)***	***N82***	***238***

Facility Id: 12240117
Status: Refer: RWQCB

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOILSCAPE SOLUTIONS	***1680 SAMOA BLVD***	***0 - 1/8 (0.000 mi.)***	***95***	***278***
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 12-AA-0108 Operational Status: Closed Regulation Status: Permitted				
CITY OF ARCATA COMPO	600 S G ST	S 1/4 - 1/2 (0.363 mi.)	AX271	828
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 12-AA-0101 Operational Status: Active Regulation Status: Notification				
NORTH COAST QUALITY	31 I ST	S 1/4 - 1/2 (0.451 mi.)	AY282	879
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021 Facility ID: 12-AA-0102 Operational Status: Closed Regulation Status: Notification				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 58 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO	***1309 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***B2***	***9***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 12/06/2021 Facility Id: 1THU015 Global Id: T0602300015 Status: Completed - Case Closed				
RELIABLE EQUIPMENT C	***1217 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***C3***	***12***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 12/06/2021				

Facility Id: 1THU016
Global Id: T0602300016
Status: Completed - Case Closed

SHELL, CAHILL K STREET 1122 0 - 1/8 (0.000 mi.) D4 17
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU437

SHELL, CAHILL 1122 K 0 - 1/8 (0.000 mi.) D12 35
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300332
Status: Completed - Case Closed

REID & WRIGHT LUMBER FOURTEENTH & M STREE 0 - 1/8 (0.000 mi.) E19 53
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU661

FISCH TRUST PROPERTY M STREET 1461 0 - 1/8 (0.000 mi.) H23 58
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU715

REID & WRIGHT LUMBER FOURTEENTH & M STREE 0 - 1/8 (0.000 mi.) E24 58
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300461
Status: Completed - Case Closed

HITT FAMILY BYPASS T 1188 THIRTEENTH STRE 0 - 1/8 (0.000 mi.) F31 73
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300356
Status: Completed - Case Closed

MARV'S ELECTRIC 1188 THIRTEENTH 0 - 1/8 (0.000 mi.) F33 77
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU470

WALLACE AND HINZ 1065 K ST 0 - 1/8 (0.000 mi.) K41 94
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300207
Status: Completed - Case Closed

GERMAN MOTORS OF ARC K STREET 1065 0 - 1/8 (0.000 mi.) D45 160
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU275

ARCATA MOVING AND ST 1191 NINTH STREET 0 - 1/8 (0.000 mi.) M71 220
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU389
Global Id: T0602300294
Status: Completed - Case Closed

ARVATA COMMUNITY REC 1380 NINTH STREET 0 - 1/8 (0.000 mi.) O73 223
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300054
Status: Completed - Case Closed

ARCATA COMMUNITY REC 1380 9TH 0 - 1/8 (0.000 mi.) O79 232
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU060

ARCATA HIGH SCHOOL 1720 M STREET NNE 0 - 1/8 (0.021 mi.) AB148 455
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300171

Status: Completed - Case Closed

ARCATA HIGH SCHOOL	M STREET 1720	NNE 0 - 1/8 (0.036 mi.)	AB154	466
Database: LUST REG 1, Date of Government Version: 02/01/2001 Facility Id: 1THU230				
SACCHI PROPERTIES	***865 EIGHTH STREET***	***SE 0 - 1/8 (0.069 mi.)***	***AE167***	***504***
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602306416 Status: Completed - Case Closed				
PRIVATE RESIDENCE	PRIVATE RESIDENCE	E 0 - 1/8 (0.084 mi.)	AI174	523
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602387037 Status: Completed - Case Closed				
NORTHCOAST ENVIRONME	***879 NINTH ST***	***ESE 0 - 1/8 (0.086 mi.)***	***AG185***	***574***
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602384739 Status: Completed - Case Closed				
ARCO #00421	***660 SEVENTH STREET***	***SE 0 - 1/8 (0.109 mi.)***	***AK194***	***591***
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602393548 Status: Completed - Case Closed				
UNIONTOWN UNION 76	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK212***	***629***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 12/06/2021 Facility Id: 1THU555 Global Id: T0602300418 Status: Completed - Case Closed				
SCHMIDT RESIDENCE	J STREET 1562	NE 1/8 - 1/4 (0.152 mi.)	AO217	692
Database: LUST REG 1, Date of Government Version: 02/01/2001 Facility Id: 1THU710				
SCHMIDT RESIDENCE	***1562 J***	***NE 1/8 - 1/4 (0.159 mi.)***	***AO218***	***693***
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602300499 Status: Completed - Case Closed				
OLD ARCATA CITY HALL	***900 G STREET***	***ESE 1/8 - 1/4 (0.190 mi.)***	***AP221***	***708***
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602379923 Status: Completed - Case Closed				
UNOCAL #0885	***1033 G***	***E 1/8 - 1/4 (0.199 mi.)***	***231***	***731***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 12/06/2021 Facility Id: 1THU548 Global Id: T0602300412 Status: Completed - Case Closed				
U. S. BANK OF CALIFO	***TENTH & G ST***	***E 1/8 - 1/4 (0.204 mi.)***	***AP235***	***736***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Facility Id: 1THU047				
U. S. BANK OF CALIFO	TENTH & G STREETS	E 1/8 - 1/4 (0.204 mi.)	AP236	737
Database: LUST, Date of Government Version: 12/06/2021 Global Id: T0602300042 Status: Completed - Case Closed				
ARCATA FIRE PROTECTI	***631 9TH***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP241***	***743***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 12/06/2021				

Facility Id: 1THU021
Global Id: T0602300021
Status: Completed - Case Closed

SWEET, WALTER B., IN | 15TH STREET 760 | ENE 1/8 - 1/4 (0.224 mi.) | AS244 | 750
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU695

SHELL, BLOXHAM'S | 1401 G | ENE 1/8 - 1/4 (0.224 mi.) | AS249 | 766
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU211
Global Id: T0602300156
Status: Open - Site Assessment

GREENWOOD CEMETERY A | 1757 J STREET | NNE 1/8 - 1/4 (0.224 mi.) | AV257 | 782
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU195
Global Id: T0602300142
Status: Completed - Case Closed

SWEET, WALTER B., IN | 760 15TH | NE 1/8 - 1/4 (0.227 mi.) | AS258 | 785
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300493
Status: Completed - Case Closed

EEL RIVER SAWMILL, S | 2000 FOSTER | NNW 1/4 - 1/2 (0.295 mi.) | 265 | 814
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU518
Global Id: T0602300394
Status: Completed - Case Closed

SCIARONI PROPERTY | 1800 BOTTOMS | NE 1/4 - 1/2 (0.347 mi.) | AW267 | 818
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU299
Global Id: T0602300229
Status: Completed - Case Closed

PHILLY CHEESE STEAK | 1811 G STREET | NE 1/4 - 1/2 (0.359 mi.) | AW268 | 820
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T10000003375
Status: Open - Site Assessment

HUMBOLDT STATE UNIVE | HSU SEQUOIA MALL | NE 1/4 - 1/2 (0.387 mi.) | AW273 | 839
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300330
Status: Completed - Case Closed

SIMPSON TIMBER (BRAI | BRAINARD YARD | NE 1/4 - 1/2 (0.387 mi.) | AW274 | 841
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300024
Status: Completed - Case Closed

REDWOOD EMPIRE AGGRE | HIGHWAY 101/GUINTOLI | NE 1/4 - 1/2 (0.387 mi.) | AW275 | 843
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300131
Status: Completed - Case Closed

HUMBOLDT STATE UNIVE | GYMNASIUM LANE | NE 1/4 - 1/2 (0.387 mi.) | AW276 | 844
Database: LUST, Date of Government Version: 12/06/2021

Global Id: T0602300373
Status: Completed - Case Closed

ARCATA 76 ***2205 ALLIANCE ROAD*** ***N 1/4 - 1/2 (0.434 mi.)*** ***280*** ***866***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU339
Global Id: T0602300259
Status: Completed - Case Closed

HUMBOLDT STATE UNIV- ***FOURTEENTH & B ST*** ***E 1/4 - 1/2 (0.443 mi.)*** ***281*** ***878***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU405

Lower Elevation	Address	Direction / Distance	Map ID	Page

STIMSON LUMBER COMPA ***1445 TENTH STREET*** ***0 - 1/8 (0.000 mi.)*** ***A36*** ***84***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300310
Status: Completed - Case Closed

STIMSON LUMBER COMPA ***1423 TENTH*** ***0 - 1/8 (0.000 mi.)*** ***A46*** ***160***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1THU410

BRIZARD COMPANY ***820 N STREET*** ***0 - 1/8 (0.000 mi.)*** ***O60*** ***200***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU633
Global Id: T0602300438
Status: Completed - Case Closed

KENS AUTO PARTS ***480 G STREET*** ***0 - 1/8 (0.000 mi.)*** ***S86*** ***247***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602345288
Status: Completed - Case Closed

SVDP THRIFT STORE, F ***513 K STREET*** ***0 - 1/8 (0.000 mi.)*** ***T88*** ***250***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T10000007194
Status: Completed - Case Closed

VAGLE'S UNIONTOWN TI ***437 G STREET*** ***0 - 1/8 (0.000 mi.)*** ***S94*** ***275***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU712
Global Id: T0602300501
Status: Completed - Case Closed

VIDEO EXPERIENCE ***698 SAMOA BLVD*** ***0 - 1/8 (0.000 mi.)*** ***S99*** ***286***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602383955
Status: Completed - Case Closed

ARCATA TEXACO ***421 J STREET*** ***0 - 1/8 (0.000 mi.)*** ***U102*** ***292***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU302
Global Id: T0602300231
Status: Completed - Case Closed

WHITELEY ARCATA DIES ***550 K*** ***0 - 1/8 (0.000 mi.)*** ***T109*** ***317***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021

Facility Id: 1THU557
Global Id: T0602300420
Status: Completed - Case Closed

CHEVRON #9-5504 ***698 4TH*** ***0 - 1/8 (0.000 mi.)*** ***S113*** ***324***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T0602300134
Status: Completed - Case Closed

TROMBETTA WAREHOUSE ***1162 SAMOA*** ***0 - 1/8 (0.000 mi.)*** ***W114*** ***326***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU122
Global Id: T0602300112
Status: Completed - Case Closed

PORTER STREET BBQ / ***665 SAMOA BOULEVARD*** ***SSE 0 - 1/8 (0.005 mi.)*** ***X133*** ***383***
Database: LUST, Date of Government Version: 12/06/2021
Global Id: T060237918
Status: Completed - Case Closed

ISACKSON MOTORS ***SIXTH & I ST*** ***SE 0 - 1/8 (0.007 mi.)*** ***Z136*** ***389***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU152
Global Id: T0602300121
Status: Completed - Case Closed

SCHMIDBAUER ARCATA M ***1695 TENTH*** ***WNW 0 - 1/8 (0.013 mi.)*** ***AA139*** ***434***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU655
Global Id: T0602300455
Status: Completed - Case Closed

ARCATA AMBULANCE ***220 F*** ***SSE 0 - 1/8 (0.089 mi.)*** ***AH187*** ***576***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU017
Global Id: T0602300017
Status: Completed - Case Closed

CLIFFORD PROPERTY ***40 G*** ***SSE 1/4 - 1/2 (0.295 mi.)*** ***264*** ***811***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU636
Global Id: T0602300441
Status: Completed - Case Closed

LITTLE LAKE INDUSTRI ***46 I STREET, SOUTH*** ***S 1/4 - 1/2 (0.431 mi.)*** ***AY279*** ***861***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/06/2021
Facility Id: 1THU018
Global Id: T0602300018
Status: Completed - Case Closed

EXECUTIVE SUMMARY

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 22 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REID & WRIGHT LUMBER	***FOURTEENTH & M STREE***	***0 - 1/8 (0.000 mi.)***	***E19***	***53***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU625				
REID & WRIGHT LUMBER	14TH STREET	0 - 1/8 (0.000 mi.)	G25	60
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: T0602393576				
CALIF CENTRAL CREAME	L & EIGHTH STREET	0 - 1/8 (0.000 mi.)	L72	223
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU292 Global Id: T0602393228				
ARVATA COMMUNITY REC	***1380 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***O73***	***223***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000002709				
ARCATA PARKING LOT	789 I STREET	SE 0 - 1/8 (0.042 mi.)	AE160	497
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: T10000002923				
SACCHI PROPERTIES	***865 EIGHTH STREET***	***SE 0 - 1/8 (0.069 mi.)***	***AE167***	***504***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: SL0602399734				
NORTHCOAST ENVIRONME	***879 NINTH STREET***	***ESE 0 - 1/8 (0.086 mi.)***	***AG184***	***572***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Open - Assessment & Interim Remedial Action Global Id: SL0602394358				
NELSON PROPERTY	854 10TH STREET	E 0 - 1/8 (0.125 mi.)	AI202	602
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: T10000000731				
DELUXE CLEANERS	***987 H ST***	***E 1/8 - 1/4 (0.146 mi.)***	***AN215***	***649***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T0602393218				
GHERA PROPERTY	***987 H STREET***	***E 1/8 - 1/4 (0.146 mi.)***	***AN216***	***688***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU522				
MAD RIVER HARDWOOD C		ESE 1/8 - 1/4 (0.233 mi.)	263	811
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU872				
EEL RIVER SAWMILL, S	***2000 FOSTER***	***NNW 1/4 - 1/2 (0.295 mi.)***	***265***	***814***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021				

Facility Status: Completed - Case Closed
Facility Id: 1NHU518
Global Id: T0602391361

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHMIDBAUER ARCATA M	***901 O STREET***	***0 - 1/8 (0.000 mi.)***	***J39***	***92***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Open - Inactive Global Id: T10000012833				
SCHMIDBAUER ARCATA M	***901 O STREET***	***0 - 1/8 (0.000 mi.)***	***J40***	***93***
Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: T0602393512				
HUMBOLDT WASTE MANAG	1220 FIFTH STREET	0 - 1/8 (0.000 mi.)	N77	231
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU765				
BEAVER LUMBER COMPAN	***1220 FIFTH STREET***	***0 - 1/8 (0.000 mi.)***	***N83***	***240***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU001 Global Id: T0602393109				
SCHMIDBAUER ARCATA M	***1695 TENTH***	***WNW 0 - 1/8 (0.013 mi.)***	***AA139***	***434***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU655				
MARSH COMMONS	***101 G STREET, SOUTH***	***SSE 1/8 - 1/4 (0.181 mi.)***	***220***	***705***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU606 Global Id: T0602393401				
MANILA ELEMENTARY SC		ESE 1/8 - 1/4 (0.209 mi.)	AT239	742
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU373 Global Id: T0602393563				
UNIVERSAL FOREST PRO		ESE 1/8 - 1/4 (0.209 mi.)	AT240	742
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU489 Global Id: T0602393323				
CHISUM, SHIRLEY	***JANES & ELEVENTH STR***	***WNW 1/4 - 1/2 (0.312 mi.)***	***266***	***817***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Facility Id: 1NHU452 Global Id: T0602393280				
LITTLE LAKE INDUSTRI	***46 I STREET, SOUTH***	***S 1/4 - 1/2 (0.431 mi.)***	***AY279***	***861***
Database: CPS-SLIC, Date of Government Version: 12/06/2021				

Facility Status: Open - Assessment & Interim Remedial Action
Global Id: SL0602379412

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 10 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAHILL SPIRIT - GAS Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000581	1122 K ST	0 - 1/8 (0.000 mi.)	D13	43
CAHILL PATRIOT Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000581	***1122 K ST***	***0 - 1/8 (0.000 mi.)***	***D48***	***161***
BO & T - UNIONTOWN 7 Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000340	724 G ST	SE 1/8 - 1/4 (0.134 mi.)	AK206	611
BO & T - UNIONTOWN U Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000340	724 G ST	SE 1/8 - 1/4 (0.134 mi.)	AK211	629
HPI #21 Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000593	1401 G ST	ENE 1/8 - 1/4 (0.224 mi.)	AS246	764
BLOXHAM'S SHELL Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000593	1401 G ST	ENE 1/8 - 1/4 (0.224 mi.)	AS253	780
PACIFIC BELL Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000055	***1300 G STREET***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU259***	***787***
AT&T CALIFORNIA - TE Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000055	1300 G ST	ENE 1/8 - 1/4 (0.232 mi.)	AU260	792

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUMBOLDT PETROLEUM I Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000579	421 J ST	0 - 1/8 (0.000 mi.)	U101	292
HPI - ARCATA TEXACO Database: UST, Date of Government Version: 12/06/2021 Facility Id: 12-000-000579	421 J ST	0 - 1/8 (0.000 mi.)	U106	312

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCATA SUBSTATION Database: AST, Date of Government Version: 07/06/2016	620 I ST	SE 0 - 1/8 (0.030 mi.)	Z151	462

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 02/23/2022 has revealed that there are 6 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M STREET PROPERTY ACRES property ID: 22881 Cleanup Completion Date: -	1215 M STREET	0 - 1/8 (0.000 mi.)	28	63
NORTHCOAST ENVIRONME ACRES property ID: 23281 Cleanup Completion Date: -	879 NINTH STREET	ESE 0 - 1/8 (0.086 mi.)	AG183	565
LITTLE LAKES INDUSTR ACRES property ID: 12761 Cleanup Completion Date: 3/31/2003 Cleanup Completion Date: -	748 F ST	ESE 1/8 - 1/4 (0.129 mi.)	AJ204	604

Lower Elevation	Address	Direction / Distance	Map ID	Page
250 E STREET ACRES property ID: 171185 Cleanup Completion Date: -	***250 E STREET***	***SE 0 - 1/8 (0.091 mi.)***	***AH191***	***581***
ARCATA SOUTH ACRES property ID: 11253 Cleanup Completion Date: -	***46 SOUTH I STREET***	***S 1/4 - 1/2 (0.431 mi.)***	***AY277***	***846***
LITTLE LAKE INDUSTRI ACRES property ID: 11252 Cleanup Completion Date: -	46 SOUTH I STREET	S 1/4 - 1/2 (0.431 mi.)	AY278	851

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/18/2021 has revealed that there are 30 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAHILL SPIRIT - GAS	***1122 K ST***	***0 - 1/8 (0.000 mi.)***	***D11***	***24***
CHRIS RICHARDS AUTO	1188 13TH ST	0 - 1/8 (0.000 mi.)	F26	60
RICH'S BODY SHOP	1235 K ST	0 - 1/8 (0.000 mi.)	I30	71
ALBEEWOOD INC - DBA	***1065-B K ST***	***0 - 1/8 (0.000 mi.)***	***D43***	***154***
APEX AUTO	***801 1/2 K ST***	***0 - 1/8 (0.000 mi.)***	***L49***	***162***
NORTH BAY AUTOMOTIVE	***1305 10TH ST***	***0 - 1/8 (0.000 mi.)***	***M69***	***215***
NHUHSD - ARCATA HIGH	***1720 M ST***	***NNE 0 - 1/8 (0.021 mi.)***	***AB146***	***447***
CYPRESS GROVE CHEVRE	***1330 Q ST***	***N 0 - 1/8 (0.041 mi.)***	***AD157***	***480***
JASON T. STUAN D.D.S	889 9TH ST	ESE 0 - 1/8 (0.079 mi.)	AG172	517
SAFEWAY 0793	***600 F ST***	***SE 0 - 1/8 (0.085 mi.)***	***AJ175***	***525***
CVS PHARMACY # 9482	***600 F ST***	***SE 0 - 1/8 (0.085 mi.)***	***AJ180***	***558***
GENERAL MACHINE FABR	1795 ALLIANCE RD	N 0 - 1/8 (0.119 mi.)	AM198	596
BO & T - UNIONTOWN U	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK207***	***611***
MAIL HAUL INC.	***1800 Q ST***	***N 1/8 - 1/4 (0.192 mi.)***	***AQ225***	***715***
RICHARD BENOIT DDS	1492 H ST	ENE 1/8 - 1/4 (0.208 mi.)	AS238	739
HPI #21	***1401 G ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS245***	***750***
AT&T CALIFORNIA - TE	***1300 G ST***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU261***	***793***
EUREKA READY MIX - G	***1750 GLENDALE DR***	***NE 1/8 - 1/4 (0.232 mi.)***	***262***	***801***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WING INFLATABLES, IN	***1220 5TH ST***	***0 - 1/8 (0.000 mi.)***	***N51***	***172***
FEDEXGROUND - EUREKA	1385 8TH ST	0 - 1/8 (0.000 mi.)	P84	243
PERKINS BODY SHOP	***497 I ST***	***0 - 1/8 (0.000 mi.)***	***V90***	***254***
ROCK SOLID 4X4	***570 K ST***	***0 - 1/8 (0.000 mi.)***	***T103***	***301***
INDUSTRIAL ELECTRIC	***990 SAMOA BLVD***	***0 - 1/8 (0.000 mi.)***	***U104***	***308***
HUMBOLDT PETROLEUM I	***421 J ST***	***0 - 1/8 (0.000 mi.)***	***U119***	***335***
NEELY AUTOMOTIVE	***980 5TH ST***	***0 - 1/8 (0.000 mi.)***	***V121***	***346***
C & K JOHNSON INDUST	***1061 SAMOA BLVD***	***S 0 - 1/8 (0.002 mi.)***	***U125***	***363***
PACIFIC CLEARS	***1017 SAMOA BLVD***	***S 0 - 1/8 (0.005 mi.)***	***U131***	***378***
JOE MELLO AUTO REPAI	***601 I ST STE 3***	***SE 0 - 1/8 (0.007 mi.)***	***Z137***	***427***
ARCATA BODY SHOP	823 Q ST	WNW 0 - 1/8 (0.031 mi.)	AA152	463
COMPLETE ENGINE SERV	***105 H ST***	***SSE 1/8 - 1/4 (0.198 mi.)***	***AR228***	***723***

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 12/06/2021 has revealed that there is 1 PFAS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCATA CITY WWTF	600 SOUTH G STREET	S 1/4 - 1/2 (0.363 mi.)	AX272	831

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 26 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO Comp Number: 12971	11TH & M ST	0 - 1/8 (0.000 mi.)	B5	18
MARV'S ELECTRIC-ARCA Comp Number: 1784	1198 W 13TH STREET	0 - 1/8 (0.000 mi.)	F21	57
CAHILL PATRIOT Status: A Tank Status: A Comp Number: 67923	***1122 K ST***	***0 - 1/8 (0.000 mi.)***	***D48***	***161***
ARCATA BEKIN MOVING Comp Number: 1756	1191 9TH ST	0 - 1/8 (0.000 mi.)	M63	207
ARCATA COMMUNITY REC Comp Number: 28776	***1380 9TH ST***	***0 - 1/8 (0.000 mi.)***	***O81***	***235***
SHOLES OVERHEAD DOOR Comp Number: 10029	***1485 L ST***	***NNE 0 - 1/8 (0.015 mi.)***	***H143***	***442***
ARCATA HIGH SCHOOL Comp Number: 46729	***1720 M ST***	***NNE 0 - 1/8 (0.021 mi.)***	***AB145***	***445***
P C SACCHI INC Comp Number: 33452	***865 8TH STREET***	***SE 0 - 1/8 (0.069 mi.)***	***AE168***	***511***
UNOCAL UNIONTOWN UNI Status: A Tank Status: A Comp Number: 30785	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK210***	***627***
ARCATA CITY OF FRANK Comp Number: 1660	***736 F***	***ESE 1/8 - 1/4 (0.145 mi.)***	***213***	***642***
ARCATA MUFFLER Comp Number: 67912	***791 G ST***	***ESE 1/8 - 1/4 (0.146 mi.)***	***AK214***	***649***
US BANK OF CALIFORNI Comp Number: 54540	***990 G ST***	***ESE 1/8 - 1/4 (0.203 mi.)***	***AP234***	***735***
MAIN STATION Comp Number: 23844	***631 9TH ST***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP242***	***746***
BLOXHAM'S SHELL Status: A Tank Status: A Comp Number: 18033	***1401 G ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS247***	***764***
GREENWOOD CEMETERY Comp Number: 9976	***1757 J ST***	***NNE 1/8 - 1/4 (0.224 mi.)***	***AV254***	***780***
PACIFIC BELL Status: A	***1300 G STREET***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU259***	***787***

Tank Status: A
Comp Number: 14720

Lower Elevation	Address	Direction / Distance	Map ID	Page
LORENZO SERVICE CENT Comp Number: 28779	***660 K ST***	***0 - 1/8 (0.000 mi.)***	***Q65***	***208***
CASH OIL COMPANY ARC Status: A Tank Status: A Comp Number: 67514	***421 J ST***	***0 - 1/8 (0.000 mi.)***	***U96***	***281***
95504 Comp Number: 62763	***698 4TH ST***	***0 - 1/8 (0.000 mi.)***	***S108***	***315***
WHITELEY ARCATA DIES Status: A Tank Status: A Comp Number: 59191	***1092 5TH ST***	***0 - 1/8 (0.000 mi.)***	***T112***	***323***
RAY CAVAGNARO INC Comp Number: 13857	***1162 SAMOA BLVD***	***0 - 1/8 (0.000 mi.)***	***W120***	***345***
INDUSTRIAL ELECTRIC Comp Number: 50373	***1601 SAMOA BLVD***	***SW 0 - 1/8 (0.005 mi.)***	***Y135***	***389***
ISACKSON MOTORS Comp Number: 11604	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
CHP HUMBOLDT AREA OF Status: A Tank Status: A Comp Number: 14352	***255 E SAMOA BLVD***	***SSE 0 - 1/8 (0.083 mi.)***	***AH173***	***520***
MAD RIVER ARCATA AMB Comp Number: 9968	***220 F ST***	***SSE 0 - 1/8 (0.089 mi.)***	***AH186***	***576***
RICHMOND, WALLACE H. Status: A Tank Status: A Comp Number: 45573	***1696 17TH ST***	***N 0 - 1/8 (0.114 mi.)***	***AL197***	***595***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 38 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO	11TH AND M STREETS	0 - 1/8 (0.000 mi.)	B7	19
RELIABLE HARDWARE CO Facility Id: 00000012971	11TH & M STREETS	0 - 1/8 (0.000 mi.)	B8	19
RELIABLE EQUIPHEMT C	***1219 11TH STREET***	***0 - 1/8 (0.000 mi.)***	***C9***	***20***
RELIABLE EQUIPMENT C Facility Id: 00000001499	1219 11TH ST	0 - 1/8 (0.000 mi.)	C15	46
ARVATA COMMUNITY REC	***1380 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***O73***	***223***
ARCATA COMMUNITY REC Facility Id: 00000028776	***1380 9TH ST***	***0 - 1/8 (0.000 mi.)***	***O81***	***235***
SHOLES OVERHEAD DOOR	1485 L ST	NNE 0 - 1/8 (0.015 mi.)	H141	440

Facility Id: 00000010029				
SHOLES QVERHEAD DOOR	1485 L STREET	NNE 0 - 1/8 (0.015 mi.)	H142	442
ARCATA HIGH SCHOOL	***1720 M ST***	***NNE 0 - 1/8 (0.021 mi.)***	***AB145***	***445***
Facility Id: 00000046729				
ARCATA HIGH SCHOOL	***1720 M STREET***	***NNE 0 - 1/8 (0.021 mi.)***	***AB148***	***455***
THE UNION NEWSPAPER	613 H ST	SE 0 - 1/8 (0.057 mi.)	AF162	497
Facility Id: 00000007185				
HADLEY NEWSPAPER INC	613 H ST	SE 0 - 1/8 (0.057 mi.)	AF163	498
Facility Id: 00000045009				
THE UNION NEWSPAPER	613 H STREET	SE 0 - 1/8 (0.057 mi.)	AF164	499
P C SACCHI INC	***865 8TH STREET***	***SE 0 - 1/8 (0.069 mi.)***	***AE168***	***511***
Facility Id: 00000033452				
UNION OIL SS 4066	724 G ST	SE 1/8 - 1/4 (0.134 mi.)	AK208	625
UNOCAL UNIONTOWN UNI	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK210***	***627***
Facility Id: 00000030785				
CASCADE FOREST PRO I	1800 Q ST	N 1/8 - 1/4 (0.192 mi.)	AQ226	720
Facility Id: 00000050374				
BANK OF LOLETA	990 G STREET	ESE 1/8 - 1/4 (0.203 mi.)	AP232	733
BANK OF LOLETA	990 G ST	ESE 1/8 - 1/4 (0.203 mi.)	AP233	734
Facility Id: 00000054540				
ARCATA FIRE PROTECTI	***631 9TH***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP241***	***743***
MAIN STATION	***631 9TH ST***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP242***	***746***
Facility Id: 00000023844				
BLOXHAMS EXXON SERV	1401 G STREET	ENE 1/8 - 1/4 (0.224 mi.)	AS248	766
BLOXHAM'S EXXON SERV	1401 G ST	ENE 1/8 - 1/4 (0.224 mi.)	AS251	778
Facility Id: 00000018033				
GREENWOOD CEMETERY A	1757 J STREET	NNE 1/8 - 1/4 (0.224 mi.)	AV255	781
GREENWOOD CEMETERY A	1757 J ST	NNE 1/8 - 1/4 (0.224 mi.)	AV256	782
Facility Id: 00000009976				
PACIFIC BELL	***1300 G STREET***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU259***	***787***
Facility Id: 00000014720				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LORENZO SERVICE CENT	660 K STREET	0 - 1/8 (0.000 mi.)	Q64	208
LORENZO SERVICE CENT	660 K ST	0 - 1/8 (0.000 mi.)	Q66	209
Facility Id: 00000028779				
GAS N SAVE AT ARCATA	421 J ST	0 - 1/8 (0.000 mi.)	U89	253
Facility Id: 00000067514				
GAS N SAVE AT ARCATA	421 J STREET	0 - 1/8 (0.000 mi.)	U97	283
95504	***698 4TH ST***	***0 - 1/8 (0.000 mi.)***	***S108***	***315***
Facility Id: 00000062763				
RAY CAVAGNARO INC	***1162 SAMOA BLVD***	***0 - 1/8 (0.000 mi.)***	***W120***	***345***
Facility Id: 00000013857				
INDUSTRIAL ELECTRIC	1601 SAMOA BLVD	SW 0 - 1/8 (0.005 mi.)	Y134	388
Facility Id: 00000050373				
ISACKSON MOTORS	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
Facility Id: 00000011604				
CHP HUMBOLDT AREA OF	***255 E SAMOA BLVD***	***SSE 0 - 1/8 (0.083 mi.)***	***AH173***	***520***
MAD ARCATA RIVER AMB	220 F ST	SSE 0 - 1/8 (0.089 mi.)	AH188	579

Facility Id: 00000009968				
MAD ARCATA RIVER AMB	220 F STREET	SSE 0 - 1/8 (0.089 mi.)	AH189	580
WALLACE D RICHMOND Facility Id: 00000045573	1696 17TH ST	N 0 - 1/8 (0.114 mi.)	AL196	594

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 19 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAHILL SHELL Facility Id: 12000284 Status: A	1122 K ST	0 - 1/8 (0.000 mi.)	D47	161
SHOLES OVERHEAD DOOR Facility Id: 12001221 Status: I	***1485 L ST***	***NNE 0 - 1/8 (0.015 mi.)***	***H143***	***442***
UNOCAL UNIONTOWN UNI Facility Id: 12000785 Status: A	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK210***	***627***
ARCATA CITY OF FRANK Facility Id: 12001185 Status: I	***736 F***	***ESE 1/8 - 1/4 (0.145 mi.)***	***213***	***642***
ARCATA MUFFLER Facility Id: 12000376 Status: I	***791 G ST***	***ESE 1/8 - 1/4 (0.146 mi.)***	***AK214***	***649***
US BANK OF CALIFORNI Facility Id: 12001348 Status: I	***990 G ST***	***ESE 1/8 - 1/4 (0.203 mi.)***	***AP234***	***735***
BLOXHAM'S SHELL Facility Id: 12000508 Status: A	***1401 G ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS247***	***764***
GREENWOOD CEMETERY Facility Id: 12000457 Status: I	***1757 J ST***	***NNE 1/8 - 1/4 (0.224 mi.)***	***AV254***	***780***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO Facility Id: 12001233 Status: I	011TH & M ST	0 - 1/8 (0.000 mi.)	A1	9
LORENZO SERVICE CENT Facility Id: 12001028 Status: I	***660 K ST***	***0 - 1/8 (0.000 mi.)***	***Q65***	***208***
ARCATA COMMUNITY REC Facility Id: 12001283 Status: I	1380 009TH ST	0 - 1/8 (0.000 mi.)	O70	220
CASH OIL COMPANY ARC	***421 J ST***	***0 - 1/8 (0.000 mi.)***	***U96***	***281***

Facility Id: 12000192 Status: A				
CHEVRON SERVICE STN Facility Id: 12000115 Status: I	698 FOURTH ST	0 - 1/8 (0.000 mi.)	S105	312
WHITELEY ARCATA DIES Facility Id: 12001584 Status: A	***1092 5TH ST***	***0 - 1/8 (0.000 mi.)***	***T112***	***323***
INDUSTRIAL ELECTRIC Facility Id: 12000318 Status: I	***1601 SAMOA BLVD***	***SW 0 - 1/8 (0.005 mi.)***	***Y135***	***389***
ISACKSON MOTORS Facility Id: 12000104 Status: I	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
CHP HUMBOLDT AREA OF Facility Id: 12000938 Status: A	***255 E SAMOA BLVD***	***SSE 0 - 1/8 (0.083 mi.)***	***AH173***	***520***
MAD RIVER ARCATA AMB Facility Id: 12000011 Status: I	***220 F ST***	***SSE 0 - 1/8 (0.089 mi.)***	***AH186***	***576***
RICHMOND, WALLACE H. Facility Id: 12001538 Status: A	***1696 17TH ST***	***N 0 - 1/8 (0.114 mi.)***	***AL197***	***595***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/18/2021 has revealed that there are 5 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BO & T - UNIONTOWN U	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK207***	***611***
HPI #21	***1401 G ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS245***	***750***
AT&T CALIFORNIA - TE	***1300 G ST***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU261***	***793***
EUREKA READY MIX - G	***1750 GLENDALE DR***	***NE 1/8 - 1/4 (0.232 mi.)***	***262***	***801***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
HUMBOLDT PETROLEUM I	***421 J ST***	***0 - 1/8 (0.000 mi.)***	***U119***	***335***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 11/30/2021 has revealed that there are 3 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REID & WRIGHT LUMBER	***14TH STREET***	***0 - 1/8 (0.000 mi.)***	***G22***	***57***

Status: COMPLETED - CASE CLOSED
Envirostor ID: T0602393576

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHMIDBAUER ARCATA M	***901 O STREET***	***0 - 1/8 (0.000 mi.)***	***J40***	***93***
Status: COMPLETED - CASE CLOSED Envirostor ID: T0602393512				
CHISUM, SHIRLEY	***JANES & ELEVENTH STR***	***WNW 1/4 - 1/2 (0.312 mi.)***	***266***	***817***
Status: COMPLETED - CASE CLOSED Envirostor ID: T0602393280				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/28/2022 has revealed that there are 37 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAHILL PATRIOT EPA ID:: CAL000156500	1122 K ST	0 - 1/8 (0.000 mi.)	D10	21
WILLIAMS AUTOMOTIVE	1122 K ST	0 - 1/8 (0.000 mi.)	D14	44
SCOTT CAHILL	1122 K ST	0 - 1/8 (0.000 mi.)	D17	48
BUG PRESS INC EPA ID:: CAL000309112	1461 M ST	0 - 1/8 (0.000 mi.)	E18	50
CHRIS RICHARDS AUTOM EPA ID:: CAL000284577	1188 13TH ST	0 - 1/8 (0.000 mi.)	F34	77
GERMAN MOTORS OF ARC EPA ID:: CAL000277401	1065 K ST STE B	0 - 1/8 (0.000 mi.)	K44	157
APEX AUTO	801 1/2 K ST	0 - 1/8 (0.000 mi.)	L53	180
BARSANTI DENTAL GROU EPA ID:: CAL000440290	1180 8TH ST	0 - 1/8 (0.000 mi.)	L54	183
ALL AROUND V-DUB EPA ID:: CAL000340163	1087 7TH ST	0 - 1/8 (0.000 mi.)	Q61	202
CHAD'S AUTOMOTIVE RE EPA ID:: CAL000391517	1305 10TH ST	0 - 1/8 (0.000 mi.)	M62	205
ARCATA 7TH STREET LL	668 J STREET	0 - 1/8 (0.000 mi.)	R67	210
ARCATA TRANSMISSION EPA ID:: CAL000171852	801 K ST	0 - 1/8 (0.000 mi.)	L80	233
ARCATA HIGH SCHOOL EPA ID:: CAL000149244	1720 M ST	NNE 0 - 1/8 (0.021 mi.)	AB147	452
CYPRESS GROVE CHEVRE EPA ID:: CAL000362764	1330 Q ST	N 0 - 1/8 (0.041 mi.)	AD158	485
TRISH A BARSANTI DDS	991 10TH ST	E 0 - 1/8 (0.070 mi.)	AC170	514

EPA ID:: CAL000344462				
NORTHCOAST ENV CENTE EPA ID:: CAP000235135	879 9TH ST	ESE 0 - 1/8 (0.086 mi.)	AG181	561
GENERAL MACHINE FABR EPA ID:: CAL000076598	1795 ALLIANCE RD	N 0 - 1/8 (0.119 mi.)	AM200	600
UNIONTOWN UNION 76 EPA ID:: CAL000297030	724 G ST	SE 1/8 - 1/4 (0.134 mi.)	AK205	609
MAIL HAUL INC EPA ID:: CAL000419524	1800 Q ST STE A	N 1/8 - 1/4 (0.192 mi.)	AQ223	711
WELLS FARGO - ARCATA EPA ID:: CAC003053995	1103 G STREET	E 1/8 - 1/4 (0.193 mi.)	227	721
JOHNATHAN J. CHOI DD EPA ID:: CAL000345755	1369 G ST	ENE 1/8 - 1/4 (0.214 mi.)	AU243	747
BLOXHAM'S SHELL EPA ID:: CAL000138095	1401 G ST	ENE 1/8 - 1/4 (0.224 mi.)	AS250	776
PACIFIC BELL EPA ID:: CAT080028707	***1300 G STREET***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU259***	***787***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MARIMBA ONE, INC. EPA ID:: CAL000289499	901 O ST	0 - 1/8 (0.000 mi.)	J37	87
EEL RIVER DISPOSAL D EPA ID:: CAL000375901	1445 10TH ST	0 - 1/8 (0.000 mi.)	A38	89
WING INFLATABLES INC EPA ID:: CAL000397864	1220 5TH ST	0 - 1/8 (0.000 mi.)	N52	178
PG AND E HYDROTEST T EPA ID:: CAP000249326	L STREET AND 7TH STR	0 - 1/8 (0.000 mi.)	68	212
AUTO BODY EXPRESS EPA ID:: CAL000180384	497 I STREET	0 - 1/8 (0.000 mi.)	V100	289
INDUSTRIAL ELECTRIC EPA ID:: CAL000350752	990 SAMOA BLVD	0 - 1/8 (0.000 mi.)	U107	312
ARCATA CHEVRON EPA ID:: CAL000394072	421 J ST	0 - 1/8 (0.000 mi.)	U110	320
PERKINS BODY SHOP EPA ID:: CAL000441961	497 I ST	0 - 1/8 (0.000 mi.)	V116	332
ROCKSOLID 4X4 EPA ID:: CAL000431017	570 K ST	0 - 1/8 (0.000 mi.)	T122	351
C & K JOHNSON INDUST EPA ID:: CAL000195524	1061 SAMOA BLVD	S 0 - 1/8 (0.002 mi.)	U126	366
PACIFIC CLEARS EPA ID:: CAL000449192	1017 SAMOA BLVD	S 0 - 1/8 (0.005 mi.)	U129	372
ENTERPRISE RENT A CA EPA ID:: CAL000358609	350 I ST	SSE 0 - 1/8 (0.027 mi.)	149	459
AMERICAN HYDROPONICS EPA ID:: CAL000099246	286 S G ST	SSE 0 - 1/8 (0.064 mi.)	165	499
COMPLETE ENGINE SERV	105 H ST	SSE 1/8 - 1/4 (0.198 mi.)	AR230	728

EXECUTIVE SUMMARY

EPA ID:: CAL000295322

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/16/2021 has revealed that there are 43 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO	***1309 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***B2***	***9***
Cleanup Status: COMPLETED - CASE CLOSED				
RELIABLE EQUIPMENT C	***1217 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***C3***	***12***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL, CAHILL	***1122 K***	***0 - 1/8 (0.000 mi.)***	***D12***	***35***
Cleanup Status: COMPLETED - CASE CLOSED				
REID & WRIGHT LUMBER	***FOURTEENTH & M STREE***	***0 - 1/8 (0.000 mi.)***	***E19***	***53***
Cleanup Status: COMPLETED - CASE CLOSED				
HITT FAMILY BYPASS T	***1188 THIRTEENTH STRE***	***0 - 1/8 (0.000 mi.)***	***F31***	***73***
Cleanup Status: COMPLETED - CASE CLOSED				
WALLACE AND HINZ	***1065 K ST***	***0 - 1/8 (0.000 mi.)***	***K41***	***94***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCATA MOVING AND ST	***1191 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***M71***	***220***
Cleanup Status: COMPLETED - CASE CLOSED				
ARVATA COMMUNITY REC	***1380 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***O73***	***223***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCATA HIGH SCHOOL	***1720 M STREET***	***NNE 0 - 1/8 (0.021 mi.)***	***AB148***	***455***
Cleanup Status: COMPLETED - CASE CLOSED				
SACCHI PROPERTIES	***865 EIGHTH STREET***	***SE 0 - 1/8 (0.069 mi.)***	***AE167***	***504***
Cleanup Status: COMPLETED - CASE CLOSED				
NORTHCOAST ENVIRONME	***879 NINTH ST***	***ESE 0 - 1/8 (0.086 mi.)***	***AG185***	***574***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCO #00421	***660 SEVENTH STREET***	***SE 0 - 1/8 (0.109 mi.)***	***AK194***	***591***
Cleanup Status: COMPLETED - CASE CLOSED				
UNIONTOWN UNION 76	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK212***	***629***
Cleanup Status: COMPLETED - CASE CLOSED				
SCHMIDT RESIDENCE	***1562 J***	***NE 1/8 - 1/4 (0.159 mi.)***	***AO218***	***693***
Cleanup Status: COMPLETED - CASE CLOSED				
OLD ARCATA CITY HALL	***900 G STREET***	***ESE 1/8 - 1/4 (0.190 mi.)***	***AP221***	***708***
Cleanup Status: COMPLETED - CASE CLOSED				
UNOCAL #0885	***1033 G***	***E 1/8 - 1/4 (0.199 mi.)***	***231***	***731***
Cleanup Status: COMPLETED - CASE CLOSED				
U. S. BANK OF CALIFO	***TENTH & G ST***	***E 1/8 - 1/4 (0.204 mi.)***	***AP235***	***736***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCATA FIRE PROTECTI	***631 9TH***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP241***	***743***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL, BLOXHAMS	***1401 G STREET***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS252***	***779***

Cleanup Status: OPEN - SITE ASSESSMENT

GREENWOOD CEMETERY A ***1757 J STREET*** ***NNE 1/8 - 1/4 (0.224 mi.)*** ***AV257*** ***782***
Cleanup Status: COMPLETED - CASE CLOSED

SWEET, WALTER B., IN ***760 15TH*** ***NE 1/8 - 1/4 (0.227 mi.)*** ***AS258*** ***785***
Cleanup Status: COMPLETED - CASE CLOSED

EEL RIVER SAWMILL, S ***2000 FOSTER*** ***NNW 1/4 - 1/2 (0.295 mi.)*** ***265*** ***814***
Cleanup Status: COMPLETED - CASE CLOSED

SCIARONI PROPERTY ***1800 BOTTOMS*** ***NE 1/4 - 1/2 (0.347 mi.)*** ***AW267*** ***818***
Cleanup Status: COMPLETED - CASE CLOSED

PHILLY CHEESE STEAK ***1811 G STREET*** ***NE 1/4 - 1/2 (0.359 mi.)*** ***AW269*** ***824***
Cleanup Status: OPEN - SITE ASSESSMENT

HUMBOLDT STATE UNIVE ***HSU SEQUOIA MALL*** ***NE 1/4 - 1/2 (0.387 mi.)*** ***AW273*** ***839***
Cleanup Status: COMPLETED - CASE CLOSED

HUMBOLDT STATE UNIVE ***GYMNASIUM LANE*** ***NE 1/4 - 1/2 (0.387 mi.)*** ***AW276*** ***844***
Cleanup Status: COMPLETED - CASE CLOSED

ARCATA 76 ***2205 ALLIANCE ROAD*** ***N 1/4 - 1/2 (0.434 mi.)*** ***280*** ***866***
Cleanup Status: COMPLETED - CASE CLOSED

Lower Elevation	Address	Direction / Distance	Map ID	Page
STIMSON LUMBER COMPA	***1445 TENTH STREET***	***0 - 1/8 (0.000 mi.)***	***A36***	***84***
Cleanup Status: COMPLETED - CASE CLOSED				
BRIZARD COMPANY	***820 N STREET***	***0 - 1/8 (0.000 mi.)***	***O60***	***200***
Cleanup Status: COMPLETED - CASE CLOSED				
KENS AUTO PARTS	***480 G STREET***	***0 - 1/8 (0.000 mi.)***	***S86***	***247***
Cleanup Status: COMPLETED - CASE CLOSED				
SVDP THRIFT STORE, F	***513 K STREET***	***0 - 1/8 (0.000 mi.)***	***T88***	***250***
Cleanup Status: COMPLETED - CASE CLOSED				
VAGLE'S UNIONTOWN TI	***437 G STREET***	***0 - 1/8 (0.000 mi.)***	***S94***	***275***
Cleanup Status: COMPLETED - CASE CLOSED				
VIDEO EXPERIENCE	***698 SAMOA BLVD***	***0 - 1/8 (0.000 mi.)***	***S99***	***286***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCATA TEXACO	***421 J STREET***	***0 - 1/8 (0.000 mi.)***	***U102***	***292***
Cleanup Status: COMPLETED - CASE CLOSED				
WHITELEY ARCATA DIES	***550 K***	***0 - 1/8 (0.000 mi.)***	***T109***	***317***
Cleanup Status: COMPLETED - CASE CLOSED				
CHEVRON #9-5504	***698 4TH***	***0 - 1/8 (0.000 mi.)***	***S113***	***324***
Cleanup Status: COMPLETED - CASE CLOSED				
TROMBETTA WAREHOUSE	***1162 SAMOA***	***0 - 1/8 (0.000 mi.)***	***W114***	***326***
Cleanup Status: COMPLETED - CASE CLOSED				
PORTER STREET BBQ /	***665 SAMOA BOULEVARD***	***SSE 0 - 1/8 (0.005 mi.)***	***X133***	***383***
Cleanup Status: COMPLETED - CASE CLOSED				
ISACKSON MOTORS	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
Cleanup Status: COMPLETED - CASE CLOSED				
SCHMIDBAUER ARCATA M	***1695 TENTH***	***WNW 0 - 1/8 (0.013 mi.)***	***AA139***	***434***
Cleanup Status: COMPLETED - CASE CLOSED				
ARCATA AMBULANCE	***220 F***	***SSE 0 - 1/8 (0.089 mi.)***	***AH187***	***576***

Cleanup Status: COMPLETED - CASE CLOSED

CLIFFORD PROPERTY	***40 G***	***SSE 1/4 - 1/2 (0.295 mi.)***	***264***	***811***
Cleanup Status: COMPLETED - CASE CLOSED				
LITTLE LAKE INDUSTRI	***46 I STREET, SOUTH***	***S 1/4 - 1/2 (0.431 mi.)***	***AY279***	***861***
Cleanup Status: COMPLETED - CASE CLOSED				

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 52 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE EQUIPHEMT C	***1219 11TH STREET***	***0 - 1/8 (0.000 mi.)***	***C9***	***20***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0000032				
SHELL, CAHILL	***1122 K***	***0 - 1/8 (0.000 mi.)***	***D12***	***35***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0000459				
RICH'S BODY SHOP	1235 K ST	0 - 1/8 (0.000 mi.)	I27	62
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002688				
CHRIS RICHARDS AUTO	1188 13TH ST	0 - 1/8 (0.000 mi.)	F32	76
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0000627				
ALBEEWOOD INC - DBA	1065-B K ST	0 - 1/8 (0.000 mi.)	K42	153
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0000043				
CHAD'S AUTOMOTIVE RE	***1305 10TH ST***	***0 - 1/8 (0.000 mi.)***	***M50***	***168***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002221				
ALL AROUND V-DUB	1087 7TH ST	0 - 1/8 (0.000 mi.)	Q74	230
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0000054				
ARCATA COMMUNITY REC	***1380 9TH ST***	***0 - 1/8 (0.000 mi.)***	***O81***	***235***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0000105				
APEX AUTO	801 1/2 K ST	0 - 1/8 (0.000 mi.)	L85	246
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021				

Permit Status: 01 - Active
Local Site Id: FA0000138

HPRC ARCATA	980 6TH ST	SSE 0 - 1/8 (0.017 mi.)	R144	444
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0006324				
ARCATA HIGH SCHOOL	***1720 M STREET***	***NNE 0 - 1/8 (0.021 mi.)***	***AB148***	***455***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002197				
PG&E: ARCATA SUBSTAT	620 I ST	SE 0 - 1/8 (0.030 mi.)	Z150	461
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002465				
JAMES C DANIELSON DD	1019 10TH ST	E 0 - 1/8 (0.037 mi.)	AC155	467
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001681				
BARRY M LEE DDS	***1017 10TH ST***	***E 0 - 1/8 (0.038 mi.)***	***AC156***	***467***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0000223				
CYPRESS GROVE CHEVRE	***1330 Q STREET***	***N 0 - 1/8 (0.041 mi.)***	***AD159***	***488***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0004878				
RONALD N BARSANTI DD	***991 10TH ST***	***E 0 - 1/8 (0.070 mi.)***	***AC169***	***512***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0003413				
JASON T. STUAN, DDS	889 9TH ST	ESE 0 - 1/8 (0.079 mi.)	AG171	517
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005527				
SAFEWAY 0793	600 F ST	SE 0 - 1/8 (0.085 mi.)	AJ177	538
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0004873				
CVS PHARMACY # 9482	***600 F ST***	***SE 0 - 1/8 (0.085 mi.)***	***AJ179***	***543***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Permit Status: 02 - Inactive Permit Status: (none) Local Site Id: FA0000775				
HAWK INDUSTRIAL & MA	***937 10TH ST***	***E 0 - 1/8 (0.094 mi.)***	***AI192***	***586***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001375				
JASON T. STUAN DDS	950 I ST	E 0 - 1/8 (0.114 mi.)	AI195	594
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive				

Local Site Id: FA0002773

GENERAL MACHINE FABR	1795 ALLIANCE RD	N 0 - 1/8 (0.119 mi.)	AM199	599
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0001248				
HUMBOLDT BREWING CO	856 10TH ST	E 0 - 1/8 (0.125 mi.)	AI203	603
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001554				
BO & T - UNIONTOWN U	724 G ST	SE 1/8 - 1/4 (0.134 mi.)	AK209	626
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0000355				
HUMBOLDT OPEN DOOR C	***770 10TH ST***	***E 1/8 - 1/4 (0.176 mi.)***	***AN219***	***695***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001594				
SHIFT-EZE TRANSMISSI	1800 Q ST STE B	N 1/8 - 1/4 (0.192 mi.)	AQ222	711
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0002877				
MAIL HAUL INC.	1800 Q ST	N 1/8 - 1/4 (0.192 mi.)	AQ224	714
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002525				
RICHARD BENOIT DDS	1492 H ST	ENE 1/8 - 1/4 (0.208 mi.)	AS237	739
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0002679				
HPI #21	***1401 G ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS245***	***750***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0000311				
PACIFIC BELL	***1300 G STREET***	***ENE 1/8 - 1/4 (0.232 mi.)***	***AU259***	***787***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Permit Status: (none) Local Site Id: FA0002338				

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUREKA-HUMBOLDT FIRE	1424 11TH ST	0 - 1/8 (0.000 mi.)	A6	18
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0001040				
ARCATA RESOURCE RECO	***1445 10TH ST***	***0 - 1/8 (0.000 mi.)***	***A35***	***79***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0005501				
BRADFORD FLOYD ATTOR	***1220 5TH ST***	***0 - 1/8 (0.000 mi.)***	***N56***	***188***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021				

Permit Status: 02 - Inactive
Local Site Id: FA0002071
Local Site Id: FA0004871
Local Site Id: FA0005441

AMERIGAS - ARCATA - ***625 K ST*** ***0 - 1/8 (0.000 mi.)*** ***Q59*** ***198***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: (none)
Permit Status: 01 - Active
Local Site Id: FA0000072

BLAZE FIREWOOD 1220 5TH ST # B 0 - 1/8 (0.000 mi.) N75 230
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 02 - Inactive
Local Site Id: FA0000303

FEDEXGROUND - EUREKA 1385 8TH ST 0 - 1/8 (0.000 mi.) P76 231
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0003606

BEAVER LUMBER COMPAN ***1220 5TH STREET*** ***0 - 1/8 (0.000 mi.)*** ***N82*** ***238***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0003676

PERKINS BODY SHOP ***497 I ST*** ***0 - 1/8 (0.000 mi.)*** ***V90*** ***254***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0000193

REDWOOD AUTOMOTIVE ***513 J ST*** ***0 - 1/8 (0.000 mi.)*** ***T92*** ***258***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 02 - Inactive
Local Site Id: FA0002608

WING INFLATABLES INC 1132 SAMOA BLVD 0 - 1/8 (0.000 mi.) T111 322
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 02 - Inactive
Local Site Id: FA0003677

ROCK SOLID 4X4 570 K ST 0 - 1/8 (0.000 mi.) T115 330
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Permit Status: 02 - Inactive
Local Site Id: FA0000124

NEELY AUTOMOTIVE 980 5TH ST 0 - 1/8 (0.000 mi.) V118 334
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0002189

HUMBOLDT PETROLEUM I ***421 J ST*** ***0 - 1/8 (0.000 mi.)*** ***U119*** ***335***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0001280

INDUSTRIAL ELECTRIC 990 SAMOA BLVD 0 - 1/8 (0.000 mi.) U123 353
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0001652

C K JOHNSON INDUSTRI ***1061 SAMOA BLVD*** ***S 0 - 1/8 (0.002 mi.)*** ***U124*** ***354***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021

Permit Status: 01 - Active
Local Site Id: FA0000446

ARCATA BODY SHOP - F | 1017 SAMOA BLVD BLDG | S 0 - 1/8 (0.005 mi.) | U127 | 368
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 02 - Inactive
Local Site Id: FA0000102

PACIFIC CLEARS, INC. | ***1017 SAMOA BLVD.*** | ***S 0 - 1/8 (0.005 mi.)*** | ***U128*** | ***369***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0002354

JOE MELLO AUTO REPAI | 601 I ST STE 3 | SE 0 - 1/8 (0.007 mi.) | Z138 | 433
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0001701

ARCATA BODY SHOP | 823 Q ST | WNW 0 - 1/8 (0.031 mi.) | AA153 | 466
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0000101

CHP HUMBOLDT AREA OF | ***255 E SAMOA BLVD*** | ***SSE 0 - 1/8 (0.083 mi.)*** | ***AH173*** | ***520***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0000624

ARCATA BAY SELF STOR | 250 E ST | SE 0 - 1/8 (0.091 mi.) | AH190 | 580
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 02 - Inactive
Local Site Id: FA0005169

COMPLETE ENGINE SERV | 105 H ST | SSE 1/8 - 1/4 (0.198 mi.) | AR229 | 727
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Local Site Id: FA0000720

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 34 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RELIABLE HARDWARE CO Reg Id: 1THU015	***1309 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***B2***	***9***
RELIABLE EQUIPMENT C Reg Id: 1THU016	***1217 ELEVENTH***	***0 - 1/8 (0.000 mi.)***	***C3***	***12***
SHELL, CAHILL Reg Id: 1THU437	***1122 K***	***0 - 1/8 (0.000 mi.)***	***D12***	***35***
REID & WRIGHT LUMBER Reg Id: 1THU661	***FOURTEENTH & M STREE***	***0 - 1/8 (0.000 mi.)***	***E19***	***53***
MARV'S ELECTRIC Reg Id: 1THU470	***1188 THIRTEENTH***	***0 - 1/8 (0.000 mi.)***	***F33***	***77***
WALLACE AND HINZ	***1065 K ST***	***0 - 1/8 (0.000 mi.)***	***K41***	***94***

Reg Id: 1THU275				
ARCATA MOVING AND ST Reg Id: 1THU389	***1191 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***M71***	***220***
ARCATA COMMUNITY REC Reg Id: 1THU060	***1380 9TH***	***0 - 1/8 (0.000 mi.)***	***O79***	***232***
ARCATA HIGH SCHOOL Reg Id: 1THU230	***1720 M STREET***	***NNE 0 - 1/8 (0.021 mi.)***	***AB148***	***455***
UNIONTOWN UNION 76 Reg Id: 1THU555	***724 G ST***	***SE 1/8 - 1/4 (0.134 mi.)***	***AK212***	***629***
SCHMIDT RESIDENCE Reg Id: 1THU710	***1562 J***	***NE 1/8 - 1/4 (0.159 mi.)***	***AO218***	***693***
UNOCAL #0885 Reg Id: 1THU548	***1033 G***	***E 1/8 - 1/4 (0.199 mi.)***	***231***	***731***
U. S. BANK OF CALIFO Reg Id: 1THU047	***TENTH & G ST***	***E 1/8 - 1/4 (0.204 mi.)***	***AP235***	***736***
ARCATA FIRE PROTECTI Reg Id: 1THU021	***631 9TH***	***ESE 1/8 - 1/4 (0.213 mi.)***	***AP241***	***743***
SHELL, BLOXHAM'S Reg Id: 1THU211	***1401 G***	***ENE 1/8 - 1/4 (0.224 mi.)***	***AS249***	***766***
GREENWOOD CEMETERY A Reg Id: 1THU195	***1757 J STREET***	***NNE 1/8 - 1/4 (0.224 mi.)***	***AV257***	***782***
SWEET, WALTER B., IN Reg Id: 1THU695	***760 15TH***	***NE 1/8 - 1/4 (0.227 mi.)***	***AS258***	***785***
EEL RIVER SAWMILL, S Reg Id: 1THU518	***2000 FOSTER***	***NNW 1/4 - 1/2 (0.295 mi.)***	***265***	***814***
SCIARONI PROPERTY Reg Id: 1THU299	***1800 BOTTOMS***	***NE 1/4 - 1/2 (0.347 mi.)***	***AW267***	***818***
ARCATA 76 Reg Id: 1THU339	***2205 ALLIANCE ROAD***	***N 1/4 - 1/2 (0.434 mi.)***	***280***	***866***
HUMBOLDT STATE UNIV- Reg Id: 1THU405	***FOURTEENTH & B ST***	***E 1/4 - 1/2 (0.443 mi.)***	***281***	***878***

Lower Elevation	Address	Direction / Distance	Map ID	Page
STIMSON LUMBER COMPA Reg Id: 1THU410	***1423 TENTH***	***0 - 1/8 (0.000 mi.)***	***A46***	***160***
BRIZARD COMPANY Reg Id: 1THU633	***820 N STREET***	***0 - 1/8 (0.000 mi.)***	***O60***	***200***
BEAVER LUMBER COMPAN Reg Id: 1B870070NSL	***1220 5TH STREET***	***0 - 1/8 (0.000 mi.)***	***N82***	***238***
VAGLE'S UNIONTOWN TI Reg Id: 1THU712	***437 G STREET***	***0 - 1/8 (0.000 mi.)***	***S94***	***275***
ARCATA TEXACO Reg Id: 1THU302	***421 J STREET***	***0 - 1/8 (0.000 mi.)***	***U102***	***292***
WHITELEY ARCATA DIES Reg Id: 1THU557	***550 K***	***0 - 1/8 (0.000 mi.)***	***T109***	***317***
CHEVRON #9-5504	***698 4TH***	***0 - 1/8 (0.000 mi.)***	***S113***	***324***

Reg Id: 1THU169				
TROMBETTA WAREHOUSE	***1162 SAMOA***	***0 - 1/8 (0.000 mi.)***	***W114***	***326***
Reg Id: 1THU122				
ISACKSON MOTORS	***SIXTH & I ST***	***SE 0 - 1/8 (0.007 mi.)***	***Z136***	***389***
Reg Id: 1THU152				
SCHMIDBAUER ARCATA M	***1695 TENTH***	***WNW 0 - 1/8 (0.013 mi.)***	***AA139***	***434***
Reg Id: 1THU655				
ARCATA AMBULANCE	***220 F***	***SSE 0 - 1/8 (0.089 mi.)***	***AH187***	***576***
Reg Id: 1THU017				
CLIFFORD PROPERTY	***40 G***	***SSE 1/4 - 1/2 (0.295 mi.)***	***264***	***811***
Reg Id: 1THU636				
LITTLE LAKE INDUSTRI	***46 I STREET, SOUTH***	***S 1/4 - 1/2 (0.431 mi.)***	***AY279***	***861***
Reg Id: 1THU018				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/13/2021 has revealed that there are 4 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARVATA COMMUNITY REC	***1380 NINTH STREET***	***0 - 1/8 (0.000 mi.)***	***O73***	***223***
SUN VALLEY BULB FARM	1780 27TH STREET	N 1/2 - 1 (0.920 mi.)	AZ283	880
SUN VALLEY BULB FARM	1780 27TH STREET	N 1/2 - 1 (0.920 mi.)	AZ284	880
SUN VALLEY BULB FARM	1780 27TH STREET	N 1/2 - 1 (0.920 mi.)	AZ285	881

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 10 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAHILLS SHELL	1122 K ST	0 - 1/8 (0.000 mi.)	D16	47
ARCATA TRANSMISSION	801 K STREET	0 - 1/8 (0.000 mi.)	L78	231
EDS SHELL SERVICE	7TH & G STS	SE 0 - 1/8 (0.119 mi.)	AK201	602

Lower Elevation	Address	Direction / Distance	Map ID	Page
DEANS CHEVRON	698 SAMOA BLVD	0 - 1/8 (0.000 mi.)	S87	250

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
CASH OIL OF ARCATA	421 J ST	0 - 1/8 (0.000 mi.)	U91	258
COAST OIL STATIONS O	437 G STREET	0 - 1/8 (0.000 mi.)	S93	274
DUNCAN J M	665 4TH ST	0 - 1/8 (0.000 mi.)	S117	334
A & A TEXACO	665 SAMOA BLVD	SSE 0 - 1/8 (0.005 mi.)	X132	382
WHITCOMB WILBUR B	1599 11TH ST	NW 0 - 1/8 (0.042 mi.)	161	497
GREGS MOBIL	201 E LIFE RD	SSE 0 - 1/8 (0.097 mi.)	AH193	591

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RITE-WAY CLEANERS	879-9TH ST	ESE 0 - 1/8 (0.086 mi.)	AG182	565

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
S&H AUTO WRECKERS	LUST
HUMBOLDT STATE UNIV-GIST HALL	LUST

OVERVIEW MAP - 6904913.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	11228577.5.3.5 - Arcata, CA	CLIENT:	GHD Inc.
ADDRESS:	Mulitple - ARCATA, CA Arcata CA 95521	CONTACT:	Matt Tolley
		INQUIRY #:	6904913.2s
LAT/LONG:	40.870322 / 124.091789	DATE:	March 18, 2022 4:17 pm

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DETAIL MAP - 6904913.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	11228577.5.3.5 - Arcata, CA	CLIENT:	GHD Inc.
ADDRESS:	Mulitple - ARCATA, CA Arcata CA 95521	CONTACT:	Matt Tolley
		INQUIRY #:	6904913.2s
LAT/LONG:	40.870322 / 124.091789	DATE:	March 18, 2022 4:22 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		3	0	NR	NR	NR	3
RCRA-SQG	0.250		10	1	NR	NR	NR	11
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		1	0	1	1	NR	3
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		1	0	2	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		35	12	11	NR	NR	58
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		13	6	3	NR	NR	22
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	6	NR	NR	NR	10
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		3	1	2	NR	NR	6
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		23	7	NR	NR	NR	30
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	1	NR	NR	1
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		18	8	NR	NR	NR	26
HIST UST	0.250		26	12	NR	NR	NR	38
CA FID UST	0.250		13	6	NR	NR	NR	19

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CERS TANKS	0.250		1	4	NR	NR	NR	5
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		2	0	1	NR	NR	3
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		30	7	NR	NR	NR	37
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		26	9	8	NR	NR	43
CUPA Listings	0.250		44	8	NR	NR	NR	52
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		20	8	6	NR	NR	34
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		1	0	0	3	NR	4
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		10	NR	NR	NR	NR	10
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	286	96	35	4	0	421

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **RELIABLE HARDWARE CO** **CA FID UST** **S101627570**
011TH & M ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 6 in cluster A

Relative: CA FID UST:
Lower
Actual: Facility ID: 12001233
18 ft. Regulated By: UTNKI
Regulated ID: 00012971
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 011TH & M ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

B2 **RELIABLE HARDWARE COMPANY** **LUST** **S101294721**
1309 ELEVENTH **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 1 of 4 in cluster B

Relative: LUST:
Higher
Actual: Name: RELIABLE HARDWARE COMPANY
20 ft. Address: 1309 ELEVENTH STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300015
Global Id: T0602300015
Latitude: 40.8717696979722
Longitude: -124.091963851157
Status: Completed - Case Closed
Status Date: 07/03/1997
Case Worker: ZZZ
RB Case Number: 1THU015
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: 12015
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300015
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us

RELIABLE HARDWARE COMPANY (Continued) **S101294721**

Phone Number: Not reported

Global Id: T0602300015
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300015
Action Type: ENFORCEMENT
Date: 07/03/1997
Action: Closure Summary - #12015.CCS

Global Id: T0602300015
Action Type: ENFORCEMENT
Date: 07/03/1997
Action: Closure/No Further Action Letter - #12015.RACC

Global Id: T0602300015
Action Type: ENFORCEMENT
Date: 02/18/1988
Action: * Historical Enforcement

Global Id: T0602300015
Action Type: Other
Date: 02/10/1988
Action: Leak Discovery

Global Id: T0602300015
Action Type: Other
Date: 02/10/1988
Action: Leak Reported

Global Id: T0602300015
Action Type: RESPONSE
Date: 01/28/1998
Action: Well Destruction Report

Global Id: T0602300015
Action Type: Other
Date: 02/10/1988
Action: Leak Stopped

LUST:
Global Id: T0602300015
Status: Open - Case Begin Date
Status Date: 02/10/1988

Global Id: T0602300015
Status: Open - Site Assessment
Status Date: 03/04/1988

RELIABLE HARDWARE COMPANY (Continued) **S101294721**

Global Id: T0602300015
Status: Open - Site Assessment
Status Date: 01/09/1992

Global Id: T0602300015
Status: Open - Site Assessment
Status Date: 03/31/1992

Global Id: T0602300015
Status: Open - Remediation
Status Date: 07/02/1997

Global Id: T0602300015
Status: Open - Site Assessment
Status Date: 07/02/1997

Global Id: T0602300015
Status: Open - Verification Monitoring
Status Date: 07/02/1997

Global Id: T0602300015
Status: Completed - Case Closed
Status Date: 07/03/1997

LUST REG 1:
Region: 1
Facility ID: 1THU015
Staff Initials: Closed

CORTESE:
Name: RELIABLE HARDWARE COMPANY
Address: 1309 ELEVENTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300015
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

RELIABLE HARDWARE COMPANY (Continued) **S101294721**

HIST CORTESE:

edr_fname:	RELIABLE HARDWARE COMPANY
edr_fadd1:	1309 ELEVENTH
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU015

C3 **RELIABLE EQUIPMENT COMPAN** **LUST** **S104163364**
1217 ELEVENTH **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 1 of 3 in cluster C

Relative: Higher
Actual: 21 ft.

LUST:

Name:	RELIABLE EQUIPMENT COMPANY
Address:	1217 ELEVENTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300016
Global Id:	T0602300016
Latitude:	40.8714748998659
Longitude:	-124.090930383606
Status:	Completed - Case Closed
Status Date:	10/26/2007
Case Worker:	ZZZ
RB Case Number:	1THU016
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12016
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300016
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300016
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300016

RELIABLE EQUIPMENT COMPAN (Continued) **S104163364**

Action Type: ENFORCEMENT
Date: 03/26/2004
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 07/20/2005
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 06/09/2004
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 01/04/2005
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 09/01/2005
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 01/23/2007
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 02/22/2007
Action: LOP Case Closure Summary to RB

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 02/07/2006
Action: File review

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 07/17/2007
Action: LOP Case Closure Summary to RB

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 05/22/2006
Action: Staff Letter

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 12/07/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 08/23/2006

RELIABLE EQUIPMENT COMPAN (Continued) **S104163364**

Action:	Verbal Communication
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	06/23/2006
Action:	File review
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	06/07/2006
Action:	Meeting
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	10/26/2007
Action:	Closure/No Further Action Letter
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	05/01/2007
Action:	Staff Letter
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	09/04/2007
Action:	Staff Letter
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	09/26/2006
Action:	File review
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	10/06/2005
Action:	Waste Discharge Requirements
Global Id:	T0602300016
Action Type:	Other
Date:	01/28/1988
Action:	Leak Discovery
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	07/19/1994
Action:	* Historical Enforcement
Global Id:	T0602300016
Action Type:	ENFORCEMENT
Date:	05/02/2002
Action:	Staff Letter
Global Id:	T0602300016
Action Type:	Other
Date:	01/28/1988
Action:	Leak Reported

RELIABLE EQUIPMENT COMPAN (Continued) **S104163364**

Global Id: T0602300016
Action Type: ENFORCEMENT
Date: 10/26/2007
Action: Closure Summary - #12015.CCS

Global Id: T0602300016
Action Type: Other
Date: 01/28/1988
Action: Leak Stopped

LUST:
Global Id: T0602300016
Status: Open - Case Begin Date
Status Date: 01/28/1988

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 03/04/1988

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 04/04/1990

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 11/29/1990

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 05/18/1993

Global Id: T0602300016
Status: Open - Remediation
Status Date: 07/30/2002

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 05/12/2003

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 06/05/2003

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 03/26/2004

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 06/09/2004

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 01/04/2005

Global Id: T0602300016
Status: Open - Verification Monitoring

RELIABLE EQUIPMENT COMPAN (Continued) **S104163364**

Status Date: 07/20/2005

Global Id: T0602300016
Status: Open - Remediation
Status Date: 12/07/2005

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 02/07/2006

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 05/22/2006

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 06/07/2006

Global Id: T0602300016
Status: Open - Remediation
Status Date: 06/23/2006

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 08/23/2006

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 09/26/2006

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 01/23/2007

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 02/22/2007

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 05/01/2007

Global Id: T0602300016
Status: Open - Verification Monitoring
Status Date: 07/17/2007

Global Id: T0602300016
Status: Open - Site Assessment
Status Date: 09/04/2007

Global Id: T0602300016
Status: Completed - Case Closed
Status Date: 10/26/2007

LUST REG 1:
Region: 1

RELIABLE EQUIPMENT COMPAN (Continued) **S104163364**

Facility ID: 1THU016
Staff Initials: HUM

CORTESE:

Name:	RELIABLE EQUIPMENT COMPANY
Address:	1217 ELEVENTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300016
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	RELIABLE EQUIPMENT COMPAN
edr_fadd1:	1217 ELEVENTH
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU016

D4 **SHELL, CAHILL** **LUST** **S101294731**
K STREET 1122 **N/A**
< 1/8 **ARCATA, CA**
1 ft.

Site 1 of 12 in cluster D

Relative: LUST REG 1:
Higher
Region: 1
Actual: Facility ID: 1THU437
23 ft. Staff Initials: HUM

B5 **RELIABLE HARDWARE CO** **SWEEPS UST** **S106931246**
11TH & M ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 4 in cluster B

Relative: SWEEPS UST:
Higher

Name:	RELIABLE HARDWARE CO
Address:	11TH & M ST
City:	ARCATA
Status:	Not reported
Comp Number:	12971
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-012971-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	1

Actual:
20 ft.

A6 **EUREKA-HUMBOLDT FIRE EXTINGUISHER CO** **CUPA Listings** **S110738043**
1424 11TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 6 in cluster A

Relative: CUPA HUMBOLDT:
Lower

Name:	EUREKA-HUMBOLDT FIRE EXTINGUISHER CO
Address:	1424 11TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001040
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10021645
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001726
District:	N - North
SIC Code:	(none)
Last Touched:	02/16/2021
Update By:	JGONZALEZ
Contact Name:	Arlie Eglian
Day Phone:	7078222517
Latitude:	40.87208
Longitude:	-124.0927

Actual:
18 ft.

B7 **RELIABLE HARDWARE CO** **HIST UST** **S118414561**
11TH AND M STREETS **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 4 in cluster B

Relative: HIST UST:
Higher

Actual: Name:	RELIABLE HARDWARE CO
20 ft. Address:	11TH AND M STREETS
City,State,Zip:	ARCATA, CA 95521
File Number:	0002607D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002607D.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

B8 **RELIABLE HARDWARE CO** **HIST UST** **U001611504**
11TH & M STREETS **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 4 in cluster B

Relative: HIST UST:
Higher

Actual: Name:	RELIABLE HARDWARE CO
20 ft. Address:	11TH & M STREETS
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000012971
Facility Type:	Other
Other Type:	INDUSTRIAL DISTRIBUT
Contact Name:	STEVE WHITE
Telephone:	7078220345
Owner Name:	PDSW DBA RELIABLE HARDWARE CO.
Owner Address:	11TH & M STREETS
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported

RELIABLE HARDWARE CO (Continued) **U001611504**

Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

C9 **RELIABLE EQUIPHEMT CO** **HIST UST** **S103625855**
1219 11TH STREET **CUPA Listings** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 3 in cluster C

Relative: Higher
Actual: 21 ft.

HIST UST:

Name:	RELIABLE EQUIPHEMT CO
Address:	1219 11TH STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	000260B2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000260B2.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

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CUPA HUMBOLDT:

Name:	AG SALES
Address:	1219 11TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000032
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10020172
Facility Status:	05 - CLOSED
Record ID:	PR0004590
District:	N - North
SIC Code:	5999 - Miscellaneous retail stores, nec
Last Touched:	03/04/2021
Update By:	JGONZALEZ
Contact Name:	Gordan Genzoli

RELIABLE EQUIPHEMT CO (Continued) **S103625855**

Day Phone:	7078222468
Latitude:	40.87159
Longitude:	-124.0907
Name:	AG SALES
Address:	1219 11TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000032
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10020172
Facility Status:	05 - CLOSED
Record ID:	PR0001285
District:	N - North
SIC Code:	5999 - Miscellaneous retail stores, nec
Last Touched:	03/04/2021
Update By:	JGONZALEZ
Contact Name:	Gordan Genzoli
Day Phone:	7078222468
Latitude:	40.87159
Longitude:	-124.0907

D10 **CAHILL PATRIOT** **RCRA NonGen / NLR** **1025866060**
1122 K ST **CAL000156500**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 12 in cluster D

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		19950206
Handler Name:	CAHILL PATRIOT	
Handler Address:		1122 K ST
Handler City,State,Zip:		ARCATA, CA 95521-0000
EPA ID:		CAL000156500
Contact Name:		SCOTT CAHILL
Contact Address:		1122 K ST
Contact City,State,Zip:		ARCATA, CA 95521-5553
Contact Telephone:		707-822-3987
Contact Fax:		000-000-0000
Contact Email:		CAHILLPATRIOT@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1122 K ST
Mailing City,State,Zip:		ARCATA, CA 95521-5553
Owner Name:		CAROLE CAHILL
Owner Type:		Other
Operator Name:		SCOTT CAHILL
Operator Type:		Other

Actual:
23 ft.

CAHILL PATRIOT (Continued) **1025866060**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CAHILL PATRIOT (Continued) **1025866060**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT CAHILL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1122 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-5553
Owner/Operator Telephone:	707-822-3987
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAROLE CAHILL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2571 CHESON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521-5553
Owner/Operator Telephone:	707-822-5321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19950206
Handler Name: CAHILL PATRIOT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D11 **CAHILL SPIRIT - GAS STATION** **CERS HAZ WASTE** **S123097299**
1122 K ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 12 in cluster D

Relative: Higher
Actual: 23 ft.

CERS HAZ WASTE:

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	101359
CERS ID:	10020808
CERS Description:	Hazardous Waste Generator

CERS:

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	101359
CERS ID:	10020808
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-28-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	OBSERVATION: Three year testing of overfill prevention not performed. CORRECTIVE ACTION: Conduct testing within 30 days and submit verification.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-07-2008
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test reports.
Violation Notes:	Returned to compliance on 02/07/2018. No record of passing 0.2 monthly tank test for the three tanks for Novemberl 2017.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	09-16-2015
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 09/17/2015. The 87 octane number 2 tank secondary piping failed to hold pressure. Complete repairs and retest by 10/16/2015.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-10-2015
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes:	Returned to compliance on 02/10/2015. OBSERVATION: Monthly the DO did not: Check to ensure that all testing and maintenance has been completed and documented. Secondary test date states 4-20-12 but should be 9-20-12. CORRECTIVE ACTION: Ensure that secondary test date is accurate for future D.O monthlies.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-07-2017
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Violation Description:	Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes:	Returned to compliance on 02/27/2017. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification in CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-07-2018
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test reports.
Violation Notes:	Returned to compliance on 02/07/2018. No record of passing 0.2 monthly tank test for the three tanks for December 2017.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-07-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 02/08/2018. The 87 number 2 fill bucket failed testing. Repair or replace and retest with passing results.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-07-2017
Citation:	23 CCR 16 2635(a)(2)(A) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(a)(2)(A)
Violation Description:	Failure to comply with one or more of the following requirements for the cathodic protection system: Have corrosion protection equipment turned on and functioning properly. Inspect the impressed-current system every 60 calendar days. Inspect the impressed-current system within six months of installation and at least every three years thereafter. Test sacrificial anodes once every three years in accordance with the manufacturer s instructions.
Violation Notes:	Returned to compliance on 03/15/2017. OBSERVATION: Owner/Operator did not have the impressed-current system tested every three years and test sacrificial anodes once every three years in accordance with the manufacturer s instructions. CORRECTIVE ACTION: Have the

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

impressed-current system inspected in accordance with the manufacturer s instructions. Submit verification to DEH within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Violation Date: 02-07-2018
Citation: 23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description: Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test reports.
Violation Notes: Returned to compliance on 02/07/2018. No record of passing 0.2 monthly tank test for the three tanks for October 2017.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Violation Date: 02-08-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/08/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include all required elements . CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Violation Date: 02-07-2018
Citation: 23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description: Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test reports.
Violation Notes: Returned to compliance on 02/07/2018. No record of passing 0.2 monthly tank test for the three tanks for July 2017.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Violation Date: 02-07-2018
Citation: 23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description: Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

	reports.
Violation Notes:	Returned to compliance on 02/07/2018. No record of passing 0.2 monthly tank test for the three tanks for April 2017.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-08-2016
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes:	Returned to compliance on 02/20/2016. OBSERVATION: Owner/Operator did not provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/ortrain new employee(s) who are responsible for proper operation and maintenance within 30-days of hireand/or at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system. CORRECTIVE ACTION: Provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/ortrain new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system. Submit verification within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	09-16-2015
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 09/17/2015. UDC 3-4 failed to hold water. Make repairs and retest by 10/16/2015. Tech states the electrical conduit penetration boot is ripped.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-28-2019
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Violation Notes:	Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator did not properly install, calibrate, operate and/or maintain leak detection equipment. TLS 350 output relays not operable CORRECTIVE ACTION: Properly install, calibrate, operate and/or maintain leak detection equipment. Output relays and motherboard replaced
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	101359
Site Name:	Cahill Spirit - Gas Station
Violation Date:	02-28-2019
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes:	Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator did not conduct the 0.2 gph automatic tank gauging test on a single wall tank and/or use the automatic tank gauge to generate and print a hard copy of the 0.2 gph test at least once every 30 days. Several months were lacking a passing test for one or more USTs, all due to insufficient fuel levels to run the ATG test; none for Jan 2019. CORRECTIVE ACTION: Conduct the 0.2 gph automatic tank gauging test on a single wall tank and generate a hard copy of the test results at least once every 30 days. Ensure a passing test is printed for each month.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-08-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site with Tetrault for overfill inspection, Super and Regular N passed. Regular S drop tube could not be pulled, further action required
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2017
Violations Found: No

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-05-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite with Tetrault for 989 secondary containment testing. While onsite I observed the following: -All three fuel lines passed .5 hour pressure test
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-16-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Eval Notes: UDC 3-4 needs to be repaired to hold water. Tech found rip in the electrical penetration boot. The 87 tank #2 secondary piping could not maintain pressure and will need to be repaired and retested.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Site Address: 1122 K ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 09-16-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 101359
Site Name: Cahill Spirit - Gas Station
Site Address: 1122 K ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 02-10-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 101359
Facility Name: Cahill Spirit - Gas Station
Env Int Type Code: HWG
Program ID: 10020808
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.871475
Longitude: -124.089043

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Carole Cahill
Entity Title: Not reported
Affiliation Address: 1122 K St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 822-3987,

Affiliation Type Desc: Operator

CAHILL SPIRIT - GAS STATION (Continued) **S123097299**

Entity Name:	Scott M. Cahill
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 834-1623,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Williams Automotive Repair
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Carole Cahill
Entity Title:	Not reported
Affiliation Address:	1122 K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1122 K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

D12 **SHELL, CAHILL** **LUST** **S103065541**
1122 K **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **CUPA Listings**
1 ft. **EMI**
Site 4 of 12 in cluster D **HIST CORTESE**

Relative: Higher
Actual: 23 ft.

LUST:

Name:	SHELL, CAHILL
Address:	1122 K STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300332
Global Id:	T0602300332
Latitude:	40.8714202068931
Longitude:	-124.089177130323
Status:	Completed - Case Closed
Status Date:	02/13/2013
Case Worker:	ZZZ
RB Case Number:	1THU437
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12437
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	propose borings to confirm gw gradient and eval for nfa

LUST:

Global Id:	T0602300332
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300332
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300332
Action Type:	ENFORCEMENT
Date:	04/13/2011
Action:	Staff Letter

Global Id:	T0602300332
Action Type:	ENFORCEMENT
Date:	10/04/2012
Action:	Staff Letter

Global Id:	T0602300332
Action Type:	ENFORCEMENT

SHELL, CAHILL (Continued) **S103065541**

Date: 11/07/2012
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 03/10/2005
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 03/16/2004
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 12/29/2005
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/08/2005
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/23/2005
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 06/27/2006
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 06/19/2006
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 03/09/2006
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 12/14/2006
Action: Verbal Communication

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 04/28/2006
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 03/22/2007
Action: Staff Letter

SHELL, CAHILL (Continued) **S103065541**

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 09/18/2006
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 06/11/2007
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 11/13/2008
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 04/06/2009
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Notice of Responsibility

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 02/13/2013
Action: Closure/No Further Action Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/13/2012
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/13/2012
Action: LOP Case Closure Summary to RB

Global Id: T0602300332
Action Type: Other
Date: 11/09/1992
Action: Leak Discovery

Global Id: T0602300332
Action Type: REMEDIATION
Date: 11/13/2008
Action: Pump & Treat (P&T) Groundwater

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 12/02/1992
Action: * Historical Enforcement

Global Id: T0602300332
Action Type: ENFORCEMENT

SHELL, CAHILL (Continued) **S103065541**

Date: 05/22/2002
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 12/22/2003
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 09/11/2019
Action: Email Correspondence

Global Id: T0602300332
Action Type: Other
Date: 11/09/1992
Action: Leak Reported

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 02/08/2013
Action: File Review - Closure

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/13/2012
Action: Notification - Public Participation Document

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 11/20/2012
Action: Staff Letter

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 03/01/2021
Action: File review

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/20/2021
Action: Site Visit / Inspection / Sampling

Global Id: T0602300332
Action Type: RESPONSE
Date: 10/01/2009
Action: Conceptual Site Model

Global Id: T0602300332
Action Type: Other
Date: 11/09/1992
Action: Leak Stopped

Global Id: T0602300332
Action Type: ENFORCEMENT
Date: 08/31/2009
Action: Staff Letter

SHELL, CAHILL (Continued) **S103065541**

LUST:

Global Id:	T0602300332
Status:	Open - Case Begin Date
Status Date:	11/09/1992
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	12/02/1992
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	03/17/1993
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	07/14/1993
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	07/25/2002
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	01/07/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	02/25/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	06/11/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	06/13/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	09/04/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	12/22/2003
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	03/16/2004
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	03/10/2005
Global Id:	T0602300332
Status:	Open - Site Assessment
Status Date:	08/08/2005

SHELL, CAHILL (Continued) **S103065541**

Global Id: T0602300332
Status: Open - Site Assessment
Status Date: 08/23/2005

Global Id: T0602300332
Status: Open - Remediation
Status Date: 12/29/2005

Global Id: T0602300332
Status: Open - Site Assessment
Status Date: 03/09/2006

Global Id: T0602300332
Status: Open - Site Assessment
Status Date: 04/28/2006

Global Id: T0602300332
Status: Open - Site Assessment
Status Date: 06/19/2006

Global Id: T0602300332
Status: Open - Site Assessment
Status Date: 06/27/2006

Global Id: T0602300332
Status: Open - Remediation
Status Date: 09/18/2006

Global Id: T0602300332
Status: Open - Remediation
Status Date: 12/14/2006

Global Id: T0602300332
Status: Open - Remediation
Status Date: 03/22/2007

Global Id: T0602300332
Status: Open - Remediation
Status Date: 06/11/2007

Global Id: T0602300332
Status: Open - Remediation
Status Date: 04/11/2008

Global Id: T0602300332
Status: Open - Verification Monitoring
Status Date: 07/22/2010

Global Id: T0602300332
Status: Open - Eligible for Closure
Status Date: 10/29/2012

Global Id: T0602300332
Status: Completed - Case Closed
Status Date: 02/13/2013

SHELL, CAHILL (Continued) **S103065541**

CORTESE:

Name:	SHELL, CAHILL
Address:	1122 K STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300332
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA HUMBOLDT:

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000459
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10020808
Facility Status:	05 - CLOSED
Record ID:	PR0002490
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	06/28/2021
Update By:	NCRAWFORD
Contact Name:	Scott Cahill
Day Phone:	7078223987
Latitude:	40.87152
Longitude:	-124.0892

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000459
Facility Address 2:	Not reported
Program Identifier:	CUPA - UST
Program Element Code Desc:	4111
Permit Status:	02 - Inactive
CERS ID:	10020808

SHELL, CAHILL (Continued) **S103065541**

Facility Status:	05 - CLOSED
Record ID:	PR0002491
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	06/28/2021
Update By:	NCRAWFORD
Contact Name:	Scott Cahill
Day Phone:	7078223987
Latitude:	40.87152
Longitude:	-124.0892

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000459
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10020808
Facility Status:	05 - CLOSED
Record ID:	PR0005602
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	06/28/2021
Update By:	NCRAWFORD
Contact Name:	Scott Cahill
Day Phone:	7078223987
Latitude:	40.87152
Longitude:	-124.0892

EMI:

Name:	SPIRIT GASOLINE
Address:	1122 K STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2006
County Code:	12
Air Basin:	NC
Facility ID:	773
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1551274326859440388
Reactive Organic Gases Tons/Yr:	.1543527
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SPIRIT GASOLINE (ARCATA)
Address:	1122 K STREET
City,State,Zip:	ARCATA, CA 93307
Year:	2007
County Code:	12

SHELL, CAHILL (Continued) **S103065541**

Air Basin:	NC
Facility ID:	773
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1538222143211624243
Reactive Organic Gases Tons/Yr:	.153054
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CAHILL'S SPIRIT
Address:	1122 K STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2008
County Code:	12
Air Basin:	NC
Facility ID:	773
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1519358937014960189
Reactive Organic Gases Tons/Yr:	.1511771
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	SHELL, CAHILL
edr_fadd1:	1122 K
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU437

D13 **CAHILL SPIRIT - GAS STATION** **UST** **U004261672**
1122 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 12 in cluster D

Relative: Higher
Actual: 23 ft.

UST:

Name:	CAHILL SPIRIT - GAS STATION
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000581
Permitting Agency:	Humboldt County Division of Environmental Health
CERSID:	10020808

CAHILL SPIRIT - GAS STATION (Continued) **U004261672**

Latitude: 40.871449
Longitude: -124.089005

D14 **WILLIAMS AUTOMOTIVE REPAIR LLC** **RCRA NonGen / NLR** **1026827436**
1122 K ST **CAL000462405**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 12 in cluster D

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20210511
Handler Name:	WILLIAMS AUTOMOTIVE REPAIR LLC
Handler Address:	1122 K ST
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAL000462405
Contact Name:	DANIEL WILLIAMS
Contact Address:	3123 SUMMER ST
Contact City,State,Zip:	EUREKA, CA 95501
Contact Telephone:	707-440-9139
Contact Fax:	Not reported
Contact Email:	DNLWILLIAMS053@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1122 K ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	WILLIAMS AUTOMOTIVE REPAIR LLC
Owner Type:	Other
Operator Name:	DANIEL WILLIAMS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

WILLIAMS AUTOMOTIVE REPAIR LLC (Continued) **1026827436**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210514
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL WILLIAMS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3123 SUMMER ST
Owner/Operator City,State,Zip:	EUREKA, CA 95501
Owner/Operator Telephone:	707-440-9139
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAMS AUTOMOTIVE REPAIR LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3123 SUMMER ST
Owner/Operator City,State,Zip:	EUREKA, CA 95501
Owner/Operator Telephone:	707-440-9139

WILLIAMS AUTOMOTIVE REPAIR LLC (Continued) **1026827436**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210511
Handler Name: WILLIAMS AUTOMOTIVE REPAIR LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C15 **RELIABLE EQUIPMENT CO** **HIST UST** **U001611503**
1219 11TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster C

Relative: Higher
Actual: 21 ft.

HIST UST:
Name: RELIABLE EQUIPMENT CO
Address: 1219 11TH ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000001499
Facility Type: Other
Other Type: FARM EQUIPMENT
Contact Name: DOUG WHITE
Telephone: 7078222468
Owner Name: RELIABLE HARDWARE CO., INC.
Owner Address: 1219 11TH STREET
Owner City,St,Zip: ARCATA, CA 95521
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000550

RELIABLE EQUIPMENT CO (Continued) **U001611503**

Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

D16 **CAHILLS SHELL** **EDR Hist Auto** **1021075670**
1122 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 12 in cluster D

Relative: EDR Hist Auto
Higher

Actual:
23 ft.

Year:	Name:	Type:
1975	CAHILLS ARCO SERVICE	Gasoline Service Stations
1976	CAHILLS ARCO SERVICE	Gasoline Service Stations
1977	CAHILLS ARCO SERVICE	Gasoline Service Stations
1978	CAHILLS ARCO SERVICE	Gasoline Service Stations
1979	CAHILLS ARCO SERVICE	Gasoline Service Stations
1979	CAHILLS ARCO SERVICE	Gasoline Service Stations
1980	CAHILLS ARCO SERVICE	Gasoline Service Stations
1982	CAHILLS ARCO SERVICE	Gasoline Service Stations
1983	CAHILLS ARCO SERVICE	Gasoline Service Stations
1985	CAHILLS ARCO SERVICE	Gasoline Service Stations
1986	CAHILLS ARCO SERVICE	Gasoline Service Stations
1987	CAHILLS ARCO SERVICE	Gasoline Service Stations
1988	CAHILLS ARCO SERVICE	Gasoline Service Stations
1989	CAHILLS ARCO SERVICE	Gasoline Service Stations
1990	CAHILLS ARCO SERVICE	Gasoline Service Stations
1991	CAHILLS ARCO SERVICE	Gasoline Service Stations
1992	CAHILLS ARCO SERVICE	Gasoline Service Stations
1993	CAHILLS ARCO SERVICE	Gasoline Service Stations
1994	CAHILLS SHELL	Gasoline Service Stations
1995	CAHILLS SHELL	Gasoline Service Stations
1996	CAHILLS SHELL	Gasoline Service Stations
1997	CAHILLS SHELL	Gasoline Service Stations
1998	CAHILLS SHELL	Gasoline Service Stations
1999	CAHILLS SHELL	Gasoline Service Stations
2000	CAHILLS SHELL	Gasoline Service Stations
2001	CAHILLS SHELL	Gasoline Service Stations
2002	CAHILLS SHELL	Gasoline Service Stations
2003	CAHILLS SHELL	Gasoline Service Stations
2004	CAHILLS SHELL	Gasoline Service Stations
2005	CAHILLS SHELL	Gasoline Service Stations
2006	CAHILLS SHELL	Gasoline Service Stations
2007	CAHILLS SHELL	Gasoline Service Stations
2008	CAHILLS SHELL	Gasoline Service Stations
2009	CAHILLS SHELL	Gasoline Service Stations
2010	CAHILLS SHELL	Gasoline Service Stations
2011	CAHILLS SHELL	Gasoline Service Stations
2012	CAHILLS SHELL	Gasoline Service Stations
2013	CAHILLS SHELL	Gasoline Service Stations
2014	CAHILLS SHELL	Gasoline Service Stations, NEC

D17 **SCOTT CAHILL** **RCRA NonGen / NLR** **1026808348**
1122 K ST **CAC003120666**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 8 of 12 in cluster D

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210520
Handler Name:	SCOTT CAHILL	
Handler Address:		1122 K ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAC003120666
Contact Name:		SCOTT CAHILL
Contact Address:		1122 K ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-834-1623
Contact Fax:		Not reported
Contact Email:		KRIS@BEACOMCONSTRUCTION.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1122 K ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		SCOTT CAHILL
Owner Type:		Other
Operator Name:		SCOTT CAHILL
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SCOTT CAHILL (Continued) **1026808348**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210521
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT CAHILL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1122 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-834-1623
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCOTT CAHILL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1122 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-834-1623
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SCOTT CAHILL (Continued) **1026808348**

Historic Generators:
Receive Date: 20210520
Handler Name: SCOTT CAHILL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E18 **BUG PRESS INC** **RCRA NonGen / NLR** **1024814461**
1461 M ST **CAL000309112**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 3 in cluster E

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20060714
Handler Name: BUG PRESS INC
Handler Address: 1461 M ST
Handler City,State,Zip: ARCATA, CA 95521-5752
EPA ID: CAL000309112
Contact Name: ROBERT ARENA
Contact Address: 1461 M ST
Contact City,State,Zip: ARCATA, CA 95521
Contact Telephone: 707-822-2001
Contact Fax: 707-822-8609
Contact Email: PRINT@BUGPRESS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1461 M ST
Mailing City,State,Zip: ARCATA, CA 95521-5752
Owner Name: BUG PRESS CORP

BUG PRESS INC (Continued) **1024814461**

Owner Type:	Other
Operator Name:	ROBERT ARENA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

BUG PRESS INC (Continued) **1024814461**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT ARENA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1461 M ST
Owner/Operator City,State,Zip: ARCATA, CA 95521
Owner/Operator Telephone: 707-822-2001
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BUG PRESS CORP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1461 M ST
Owner/Operator City,State,Zip: ARCATA, CA 95521-5752
Owner/Operator Telephone: 707-822-2001
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060714
Handler Name: BUG PRESS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E19 **REID & WRIGHT LUMBER MILL** **LUST** **S103285757**
FOURTEENTH & M STREET **CPS-SLIC** **N/A**
< 1/8 **ARCATA, CA 95521** **Cortese**
1 ft. **HIST CORTESE**

Site 2 of 3 in cluster E

Relative: Higher

Actual: 22 ft.

LUST REG 1:
Region: 1
Facility ID: 1THU661
Staff Initials: Closed

SLIC REG 1:
Region: 1
Facility ID: 1NHU625
Staff Initials: RRA

CORTESE:

Name:	REID & WRIGHT LUMBER MILL
Address:	FOURTEENTH & M STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300461
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	REID & WRIGHT LUMBER MILL
edr_fadd1:	FOURTEENTH & M ST
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU661

F20 **ARCATA MARINA** **RCRA-SQG** **1000158823**
1198 13TH ST **FINDS** **CAD982489684**
< 1/8 **ARCATA, CA 95521** **ECHO**
1 ft.

Site 1 of 7 in cluster F

Relative: **Higher**
Actual: **26 ft.**

RCRA-SQG:

Date Form Received by Agency:		19900525
Handler Name:	ARCATA MARINA	
Handler Address:		1198 13TH ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD982489684
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1198 13TH ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		202-822-8416
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1198 13TH ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		JOHN SHAW
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ARCATA MARINA (Continued) **1000158823**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN SHAW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ARCATA MARINA (Continued) **1000158823**

Historic Generators:
Receive Date: 19900525
Handler Name: ARCATA MARINA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002829271

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000158823
Registry ID: 110002829271
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002829271
Name: ARCATA MARINA
Address: 1198 13TH ST
City,State,Zip: ARCATA, CA 95521

F21 **MARV'S ELECTRIC-ARCATA MARINE** **SWEEPS UST** **S106929176**
1198 W 13TH STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 7 in cluster F

Relative: SWEEPS UST:
Higher

Actual: Name: MARV'S ELECTRIC-ARCATA MARINE
26 ft. Address: 1198 W 13TH STREET
City: ARCATA
Status: Not reported
Comp Number: 1784
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-001784-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

G22 **REID & WRIGHT LUMBER MILL** **DEED** **S123098577**
14TH STREET **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 2 in cluster G

Relative: DEED:
Higher

Actual: Name: REID & WRIGHT LUMBER MILL
19 ft. Address: 14TH STREET
City,State,Zip: ARCATA, CA 95521
Envirostor ID: T0602393576
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2018
File Name: Geotracker Land Use/Deed Restrictions

CERS:
Name: REID & WRIGHT LUMBER MILL
Address: 14TH STREET
City,State,Zip: ARCATA, CA 95521
Site ID: 209001
CERS ID: T0602393576
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A

REID & WRIGHT LUMBER MILL (Continued) **S123098577**

Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220,

H23 **FISCH TRUST PROPERTY** **LUST** **S104025273**
M STREET 1461 **N/A**
< 1/8 **ARCATA, CA**
1 ft.

Site 1 of 4 in cluster H

Relative: Higher
Actual: 25 ft.

LUST REG 1:
Region: 1
Facility ID: 1THU715
Staff Initials: HUM

E24 **REID & WRIGHT LUMBER MILL** **LUST** **S110654177**
FOURTEENTH & M STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster E

Relative: Higher
Actual: 22 ft.

LUST:
Name: REID & WRIGHT LUMBER MILL
Address: FOURTEENTH & M STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300461
Global Id: T0602300461
Latitude: 40.8745904960705
Longitude: -124.091754053884
Status: Completed - Case Closed
Status Date: 11/18/1998
Case Worker: ZZZ
RB Case Number: 1THU661
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: 12661
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300461
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300461
Contact Type: Regional Board Caseworker

REID & WRIGHT LUMBER MILL (Continued) **S110654177**

Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300461
Action Type: Other
Date: 03/25/1998
Action: Leak Discovery

Global Id: T0602300461
Action Type: Other
Date: 03/25/1998
Action: Leak Reported

Global Id: T0602300461
Action Type: RESPONSE
Date: 06/12/1998
Action: Request for Closure

Global Id: T0602300461
Action Type: ENFORCEMENT
Date: 11/18/1998
Action: Closure/No Further Action Letter - #12661.RACC

Global Id: T0602300461
Action Type: Other
Date: 03/25/1998
Action: Leak Stopped

LUST:
Global Id: T0602300461
Status: Open - Case Begin Date
Status Date: 03/25/1998

Global Id: T0602300461
Status: Open - Site Assessment
Status Date: 04/01/1998

Global Id: T0602300461
Status: Open - Remediation
Status Date: 07/21/1998

Global Id: T0602300461
Status: Open - Site Assessment
Status Date: 07/21/1998

Global Id: T0602300461
Status: Open - Verification Monitoring
Status Date: 07/21/1998

Global Id: T0602300461
Status: Completed - Case Closed

REID & WRIGHT LUMBER MILL (Continued) **S110654177**

Status Date: 11/18/1998

G25 **REID & WRIGHT LUMBER MILL** **CPS-SLIC** **S117338862**
14TH STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 2 in cluster G

Relative: CPS-SLIC:
Higher

Name:	REID & WRIGHT LUMBER MILL
Address:	14TH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/07/2018
Global Id:	T0602393576
Lead Agency:	Not reported
Lead Agency Case Number:	Not reported
Latitude:	40.874505628884
Longitude:	-124.092268334007
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

Actual:
19 ft.

Click here to access the California GeoTracker records for this facility:

F26 **CHRIS RICHARDS AUTO** **CERS HAZ WASTE** **S123103373**
1188 13TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 7 in cluster F

Relative: CERS HAZ WASTE:
Higher

Name:	CHRIS RICHARDS AUTO
Address:	1188 13TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	18880
CERS ID:	10330735
CERS Description:	Hazardous Waste Generator

Actual:
31 ft.

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type: Compliance Evaluation Inspection

CHRIS RICHARDS AUTO (Continued) **S123103373**

Eval Date:	10-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-14-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-14-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	18880
Facility Name:	Chris Richards Auto
Env Int Type Code:	HWG
Program ID:	10330735
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	40.873140
Longitude:	-124.089460

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Chris Richards
Entity Title:	Not reported
Affiliation Address:	1188 13th St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-2010,
Affiliation Type Desc:	Operator
Entity Name:	Chris Richards
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-2010,

CHRIS RICHARDS AUTO (Continued) **S123103373**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Chris Richards Auto
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Chris Richards
Entity Title:	Not reported
Affiliation Address:	118 13th Street
Affiliation City:	Arcatac
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1188 13th St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

I27 **RICH'S BODY SHOP** **CUPA Listings** **S103626340**
1235 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 3 in cluster I

Relative: Higher
Actual: 26 ft.

CUPA HUMBOLDT:

Name:	RICH'S BODY SHOP
Address:	1235 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002688
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10331161
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING

RICH'S BODY SHOP (Continued) **S103626340**

Record ID:	PR0001589
District:	N - North
SIC Code:	7532 - Top & body repair & paint shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Richard Van Keuren
Day Phone:	7078225055
Latitude:	40.87249
Longitude:	-124.0891

---

28 **M STREET PROPERTY** **US BROWNFIELDS** **1009569595**
1215 M STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

US BROWNFIELDS:

Relative: Higher
Actual: 20 ft.

Name:	M STREET PROPERTY
Address:	1215 M STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA
Property Number:	020-127-002 and 020-127-005
Parcel size:	2.1
Latitude:	40.873
Longitude:	-124.091
HCM Label:	Global Positioning Method-Unspecified Parameters
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	Former Use: Lumber mill until the late 1960s
Datum:	World Geodetic System of 1984
Acres Property ID:	22881
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	62973
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	3/31/2006
Ownership Entity:	Government
Completion Date:	3/31/2006
Current Owner:	Arcata Volunteer Fire Department
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	Y

M STREET PROPERTY (Continued) **1009569595**

Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-

M STREET PROPERTY (Continued) **1009569595**

Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber mill until the late 1960s
Below Poverty Number:	1122
Below Poverty Percent:	34.28
Meidan Income:	5702
Meidan Income Number:	1914
Meidan Income Percent:	58.48
Vacant Housing Number:	121
Vacant Housing Percent:	7.43
Unemployed Number:	251
Unemployed Percent:	7.67

Name:	M STREET PROPERTY
Address:	1215 M STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA
Property Number:	020-127-002 and 020-127-005
Parcel size:	2.1
Latitude:	40.873
Longitude:	-124.091
HCM Label:	Global Positioning Method-Unspecified Parameters
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	Former Use: Lumber mill until the late 1960s
Datum:	World Geodetic System of 1984
Acres Property ID:	22881
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-

M STREET PROPERTY (Continued) **1009569595**

Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	n/a
Start Date:	2/1/1997
Ownership Entity:	Government
Completion Date:	2/1/1997
Current Owner:	Arcata Volunteer Fire Department
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-

M STREET PROPERTY (Continued) **1009569595**

Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber mill until the late 1960s
Below Poverty Number:	1122
Below Poverty Percent:	34.28
Meidan Income:	5702
Meidan Income Number:	1914
Meidan Income Percent:	58.48
Vacant Housing Number:	121

M STREET PROPERTY (Continued) **1009569595**

Vacant Housing Percent:	7.43
Unemployed Number:	251
Unemployed Percent:	7.67

I29 **RICKS BODY SHOP** **RCRA-SQG 1000272109**
1235 K ST **FINDS CAD982325177**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 3 in cluster I

Relative: **Higher**
Actual: **26 ft.**

RCRA-SQG:

Date Form Received by Agency:		19880115
Handler Name:	RICKS BODY SHOP	
Handler Address:		1235 K ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD982325177
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1235 K ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-5055
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1235 K ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		RICHARD VAN KEUREN
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported

RICKS BODY SHOP (Continued) **1000272109**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICHARD VAN KEUREN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999

RICKS BODY SHOP (Continued) **1000272109**

Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19880115
Handler Name: RICKS BODY SHOP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002794959

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I30 **RICH'S BODY SHOP** **CERS HAZ WASTE** **S123538289**
1235 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster I

Relative: Higher

Actual: 26 ft.

CERS HAZ WASTE:

Name:	RICH'S BODY SHOP
Address:	1235 K ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	61487
CERS ID:	10331161
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-27-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-15-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	61487
Facility Name:	Rich's Body Shop
Env Int Type Code:	HWG
Program ID:	10331161
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	40.872560

RICH'S BODY SHOP (Continued) **S123538289**

Longitude: -124.089220

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Carol VanKeuren
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1235 K Street
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Carol Van Keuren
Entity Title: Not reported
Affiliation Address: 1235 K St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 822-5055,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Environmental Contact
Entity Name: Richard VanKeuren
Entity Title: Not reported
Affiliation Address: 1235 K Steet
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Rich's Body Shop
Entity Title: Not reported
Affiliation Address: Not reported

RICH'S BODY SHOP (Continued) **S123538289**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Carol VanKeuren
Entity Title:	bookeeper
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Richard VanKeuren
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-5055,

F31 **HITT FAMILY BYPASS TRUST** **LUST** **S105180613**
1188 THIRTEENTH STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 7 in cluster F

Relative: Higher
Actual: 31 ft.

LUST:

Name:	HITT FAMILY BYPASS TRUST
Address:	1188 THIRTEENTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300356
Global Id:	T0602300356
Latitude:	40.8731946455804
Longitude:	-124.089606189986
Status:	Completed - Case Closed
Status Date:	02/20/2003
Case Worker:	ZZZ
RB Case Number:	1THU470
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12470
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300356
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE

HITT FAMILY BYPASS TRUST (Continued) **S105180613**

Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H STREET, SUITE 100
City: EUREKA
Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300356
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300356
Action Type: ENFORCEMENT
Date: 02/20/2003
Action: Closure/No Further Action Letter - #12470.RACC

Global Id: T0602300356
Action Type: Other
Date: 06/14/1993
Action: Leak Discovery

Global Id: T0602300356
Action Type: ENFORCEMENT
Date: 12/30/2002
Action: * No Action

Global Id: T0602300356
Action Type: ENFORCEMENT
Date: 12/20/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300356
Action Type: ENFORCEMENT
Date: 02/20/2003
Action: Closure/No Further Action Letter

Global Id: T0602300356
Action Type: ENFORCEMENT
Date: 02/14/2003
Action: Staff Letter

Global Id: T0602300356
Action Type: Other
Date: 06/14/1993
Action: Leak Reported

Global Id: T0602300356
Action Type: RESPONSE
Date: 01/21/2003
Action: Other Report / Document

Global Id: T0602300356

HITT FAMILY BYPASS TRUST (Continued) **S105180613**

Action Type: Other
Date: 06/14/1993
Action: Leak Stopped

LUST:
Global Id: T0602300356
Status: Open - Case Begin Date
Status Date: 06/14/1993

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 06/21/1993

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 10/16/2000

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 10/23/2000

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 08/10/2001

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 11/15/2001

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 08/26/2002

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 08/27/2002

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 08/30/2002

Global Id: T0602300356
Status: Open - Site Assessment
Status Date: 10/08/2002

Global Id: T0602300356
Status: Completed - Case Closed
Status Date: 02/20/2003

CORTESE:
Name: HITT FAMILY BYPASS TRUST
Address: 1188 THIRTEENTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported

HITT FAMILY BYPASS TRUST (Continued) **S105180613**

Global ID:	T0602300356
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

F32 **CHRIS RICHARDS AUTO** **CUPA Listings** **S108201515**
1188 13TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 7 in cluster F

Relative: **Higher**
Actual: **31 ft.**

CUPA HUMBOLDT:

Name:	CHRIS RICHARDS AUTO
Address:	1188 13TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000627
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10330735
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001463
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Chris Richards
Day Phone:	7078222010
Latitude:	40.87325
Longitude:	-124.0898

F33 **MARV'S ELECTRIC** **LUST** **S101294738**
1188 THIRTEENTH **HIST CORTESE** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 7 in cluster F

Relative: LUST REG 1:
Higher Region: 1
Facility ID: 1THU470
Actual: Staff Initials: KSA
31 ft.

HIST CORTESE:
edr_fname: MARV'S ELECTRIC
edr_fadd1: 1188 THIRTEENTH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU470

F34 **CHRIS RICHARDS AUTOMOTIVE** **RCRA NonGen / NLR** **1024809438**
1188 13TH ST **CAL000284577**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 7 in cluster F

Relative: RCRA NonGen / NLR:
Higher Date Form Received by Agency: 20040715
Actual: Handler Name: CHRIS RICHARDS AUTOMOTIVE
31 ft. Handler Address: 1188 13TH ST
Handler City,State,Zip: ARCATA, CA 95521-0000
EPA ID: CAL000284577
Contact Name: CHRIS RICHARDS
Contact Address: 1188 13TH ST
Contact City,State,Zip: ARCATA, CA 95521
Contact Telephone: 707-822-2010
Contact Fax: 707-822-0428
Contact Email: CJRICHARDSAUTO@SBCGLOBAL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1188 13TH ST
Mailing City,State,Zip: ARCATA, CA 95521-0000
Owner Name: CHRIS RICHARDS
Owner Type: Other
Operator Name: CHRIS RICHARDS
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

CHRIS RICHARDS AUTOMOTIVE (Continued) **1024809438**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRIS RICHARDS
Legal Status:	Other
Date Became Current:	Not reported

CHRIS RICHARDS AUTOMOTIVE (Continued) **1024809438**

Date Ended Current:	Not reported
Owner/Operator Address:	1188 13TH ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-822-2010
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS RICHARDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1188 13TH ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-2010
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20040715
Handler Name:	CHRIS RICHARDS AUTOMOTIVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A35 **ARCATA RESOURCE RECOVERY** **CUPA Listings** **S112283594**
1445 10TH ST **NPDES** **N/A**
< 1/8 **ARCATA, CA 95521** **CIWQS**
1 ft.

Site 3 of 6 in cluster A

Relative: CUPA HUMBOLDT:
Lower

Name:	ARCATA RESOURCE RECOVERY CENTER
Address:	1445 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0005501

Actual:
18 ft.

ARCATA RESOURCE RECOVERY (Continued) **S112283594**

Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10403773
Facility Status:	05 - CLOSED
Record ID:	PR0008626
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Kris Mobley
Day Phone:	7077255156
Latitude:	40.87055
Longitude:	-124.0934

Name:	ARCATA RESOURCE RECOVERY CENTER
Address:	1445 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0005501
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10403773
Facility Status:	05 - CLOSED
Record ID:	PR0008627
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Kris Mobley
Day Phone:	7077255156
Latitude:	40.87055
Longitude:	-124.0934

NPDES:

Name:	ARCATA RESOURCE RECOVERY
Address:	1445 10TH ST
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12NEC001034
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported

ARCATA RESOURCE RECOVERY (Continued) **S112283594**

Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	10/16/2018
Operator Name:	Eel River Disposal
Operator Address:	P O Box 266
Operator City:	Fortuna
Operator State:	California
Operator Zip:	95540

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	463789
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC001034
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Eel River Disposal
Discharge Address:	P O Box 266
Discharge City:	Fortuna
Discharge State:	California
Discharge Zip:	95540
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported

ARCATA RESOURCE RECOVERY (Continued) **S112283594**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	463789
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 12NEC001034
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/23/2015
Processed Date:	10/07/2015
Status:	Active
Status Date:	10/07/2015
Place Size:	1.2
Place Size Unit:	Acres
Contact:	Kris Mobley
Contact Title:	Not reported
Contact Phone:	707-725-5156

ARCATA RESOURCE RECOVERY (Continued) **S112283594**

Contact Phone Ext:	Not reported
Contact Email:	erkrism@sbcglobal.net
Operator Name:	Eel River Disposal
Operator Address:	P O Box 266
Operator City:	Fortuna
Operator State:	California
Operator Zip:	95540
Operator Contact:	Kris Mobley
Operator Contact Title:	Not reported
Operator Contact Phone:	707-725-5156
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	erkrism@sbcglobal.net
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Harry Hardin
Certifier Title:	President
Certification Date:	22-AUG-16
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ARCATA RESOURCE RECOVERY
Address:	1445 10TH ST
City,State,Zip:	ARCATA, CA 95521
Agency:	Eel River Disposal
Agency Address:	P O Box 266, Fortuna, CA 95540
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093

ARCATA RESOURCE RECOVERY (Continued) **S112283594**

Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12NEC001034
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/07/2015
Termination Date:	10/16/2018
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	40.870778
Longitude:	-124.093321

A36 **STIMSON LUMBER COMPANY** **LUST S105181437**
1445 TENTH STREET **Cortese N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 6 in cluster A

Relative: **Lower**
Actual: **18 ft.**

LUST:

Name:	STIMSON LUMBER COMPANY
Address:	1445 TENTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300310
Global Id:	T0602300310
Latitude:	40.8708219269516
Longitude:	-124.093083857892
Status:	Completed - Case Closed
Status Date:	07/26/2001
Case Worker:	ZZZ
RB Case Number:	1THU410
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12410
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300310
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300310

STIMSON LUMBER COMPANY (Continued) **S105181437**

Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0602300310
Action Type: ENFORCEMENT
Date: 07/26/2001
Action: Closure/No Further Action Letter - #12410.RACC

Global Id: T0602300310
Action Type: ENFORCEMENT
Date: 07/26/2001
Action: Closure/No Further Action Letter

Global Id: T0602300310
Action Type: Other
Date: 06/29/1992
Action: Leak Discovery

Global Id: T0602300310
Action Type: ENFORCEMENT
Date: 07/02/1992
Action: * Historical Enforcement

Global Id: T0602300310
Action Type: Other
Date: 06/29/1992
Action: Leak Reported

Global Id: T0602300310
Action Type: RESPONSE
Date: 04/30/1998
Action: Remedial Progress Report

Global Id: T0602300310
Action Type: RESPONSE
Date: 04/30/1998
Action: Monitoring Report - Other

Global Id: T0602300310
Action Type: RESPONSE
Date: 01/18/2000
Action: Other Report / Document

Global Id: T0602300310
Action Type: RESPONSE
Date: 07/24/2000
Action: Other Report / Document

Global Id: T0602300310
Action Type: RESPONSE
Date: 05/03/2000

STIMSON LUMBER COMPANY (Continued) **S105181437**

Action: Other Report / Document

Global Id: T0602300310
Action Type: Other
Date: 06/29/1992
Action: Leak Stopped

LUST:
Global Id: T0602300310
Status: Open - Case Begin Date
Status Date: 06/29/1992

Global Id: T0602300310
Status: Open - Site Assessment
Status Date: 07/02/1992

Global Id: T0602300310
Status: Open - Site Assessment
Status Date: 09/08/1992

Global Id: T0602300310
Status: Open - Site Assessment
Status Date: 10/26/1992

Global Id: T0602300310
Status: Open - Site Assessment
Status Date: 09/08/1993

Global Id: T0602300310
Status: Completed - Case Closed
Status Date: 07/26/2001

CORTESE:
Name: STIMSON LUMBER COMPANY
Address: 1445 TENTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300310
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported

STIMSON LUMBER COMPANY (Continued) **S105181437**

Waste Management Uit Name: Not reported
File Name: Active Open

J37 **MARIMBA ONE, INC.** **RCRA NonGen / NLR** **1024810399**
901 O ST **CAL000289499**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 3 in cluster J

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20041221
Handler Name:	MARIMBA ONE, INC.	
Handler Address:		901 O ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000289499
Contact Name:		IVAH STEENWYK
Contact Address:		PO BOX 786
Contact City,State,Zip:		ARCATA, CA 95518
Contact Telephone:		707-822-9570
Contact Fax:		707-822-6256
Contact Email:		IVAHS@MARIMBAONE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 786
Mailing City,State,Zip:		ARCATA, CA 95518-0000
Owner Name:		RON SAMUELS
Owner Type:		Other
Operator Name:		IVAH STEENWYK
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No

Actual:
17 ft.

MARIMBA ONE, INC. (Continued) **1024810399**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RON SAMUELS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	901 O ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-822-9570
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	IVAH STEENWYK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 786
Owner/Operator City,State,Zip:	ARCATA, CA 95518
Owner/Operator Telephone:	707-822-9570

MARIMBA ONE, INC. (Continued) **1024810399**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20041221
Handler Name: MARIMBA ONE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32192
NAICS Description: WOOD CONTAINER AND PALLET MANUFACTURING

NAICS Code: 339992
NAICS Description: MUSICAL INSTRUMENT MANUFACTURING

NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A38 **EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CE** **RCRA NonGen / NLR** **1024834822**
1445 10TH ST **CAL000375901**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 6 in cluster A

Relative: Lower
Actual: 18 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20120702
Handler Name: EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CENTER
Handler Address: 1445 10TH ST
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAL000375901
Contact Name: CHARLES SCHAGER
Contact Address: 965 RIVERWALK DR
Contact City,State,Zip: FORTUNA, CA 95540
Contact Telephone: 707-725-5156
Contact Fax: 707-725-5167
Contact Email: ERCHUCK@SBCGLOBAL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CENTER (Continued) **1024834822**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 266
Mailing City,State,Zip:	FORTUNA, CA 95540-0000
Owner Name:	HARRY A HARDIN
Owner Type:	Other
Operator Name:	CHARLES SCHAGER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CENTER (Continued) **1024834822**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLES SCHAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	965 RIVERWALK DR
Owner/Operator City,State,Zip:	FORTUNA, CA 95540
Owner/Operator Telephone:	707-725-5156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRY A HARDIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1910 HOME AVE
Owner/Operator City,State,Zip:	FORTUNA, CA 95540-0000
Owner/Operator Telephone:	707-498-0765
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120702
Handler Name:	EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42193
NAICS Description:	RECYCLABLE MATERIAL WHOLESALERS

EEL RIVER DISPOSAL DBA ARCATA RESOURCE RECOVERY CENTER (Continued) **1024834822**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J39 **SCHMIDBAUER ARCATA MILL (SOUTH)** **CPS-SLIC S123532628**
901 O STREET **CERS N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 3 in cluster J

Relative: CPS-SLIC:
Lower

Actual: Name:	SCHMIDBAUER ARCATA MILL (SOUTH)
17 ft. Address:	901 O STREET
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	03/25/2019
Global Id:	T10000012833
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.87045
Longitude:	-124.09547
Case Type:	Cleanup Program Site
Case Worker:	AAA
Local Agency:	Not reported
RB Case Number:	1NHU994
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Dioxin / Furans
Site History:	The northern half of the former Schmidbauer Arcata Mill property has been investigated remediated and closed see (T0602393512) . An environmental investigation has not been conducted on the southern half of Schmidbauer Arcata Mill Property. The southern portion contained the main mill building with a green chain, a tepee burner, a diesel engine for water supply and a log pond. There are no plans to redevelop in this area.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	SCHMIDBAUER ARCATA MILL (SOUTH)
Address:	901 O STREET
City,State,Zip:	ARCATA, CA 95521
Site ID:	520693
CERS ID:	T10000012833
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AAA - Not Assigned - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA

SCHMIDBAUER ARCATA MILL (SOUTH) (Continued) **S123532628**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

J40 **SCHMIDBAUER ARCATA MILL** **CPS-SLIC S108213196**
901 O STREET **DEED N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster J

Relative: CPS-SLIC:
Lower
Actual: Name: SCHMIDBAUER ARCATA MILL
17 ft. Address: 901 O STREET
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/18/2019
Global Id: T0602393512
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.871764
Longitude: -124.095677
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: HUMBOLDT COUNTY LOP
RB Case Number: 1NHU655
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Dioxin / Furans, Pentachlorophenol (PCP), Diesel, Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating
Site History: From 1947 to 1965 this property was a lumber mill. In 1965 the mill burned down and the property was only used for lumber storage until 1979. George Schmidbauer purchased the site in 1979. Currently the property contains a housing development along the northeast side of the property, a large commercial building, a daycare center in the former mill offices and an automotive repair facility in the former machine shop. Environmental investigations at the mill have only been conducted on the northern half of the mill property. The southern half of the mill property which contained the main mill building with a green chain, a tepee burner, a diesel engine for water supply and a log pond have not been investigated and continue to be an open clean up site (Schmidbauer Arcata Mill South). Additional investigation and possible cleanup will be required to close the southern portion of the mill property. Site Investigations Environmental investigations of soil and groundwater at the mill began in 1997 and identified a lumber dip tank, wood drying area and petroleum underground storage tanks (USTs)as the sources of soil and groundwater impacts. Numerous soil, groundwater and stormwater samples have been collected at this site. Groundwater has been monitored since 2001. Chemicals of concern included pentachlorophenol (PCP), tetrachlorophenol (TCP), dioxins, total petroleum hydrocarbons as diesel (TPHd) and motor oil (TPHmo). Remedial Actions In 1997, two petroleum USTs associated with the wood shop building were removed and impacted soils were over excavated. Insitu ozone and perozone remediation was conducted in the dip tank and former drying area from 2004 to 2008. Two vitrified clay pipes were identified as potential preferential pathways allowing the shallow groundwater to move off site to the storm drain. These were

SCHMIDBAUER ARCATA MILL (Continued) **S108213196**

capped in place and this stopped the releases to the storm drain. Current Conditions Remediation at the site has lowered concentrations of PCP and TCP in soil and groundwater. Impacts are now limited to a small well defined area. The final RAP proposes natural attenuation with administrative controls including a deed restriction which limits uses in the restricted area to commercial/industrial, prohibits excavation without NCRWQCB notification, and prohibits borings or use of groundwater for water supply. The deed restriction will include a soil and groundwater monitoring plan which is designed to limits worker exposure in the restricted area during redevelopment of the property.

Click here to access the California GeoTracker records for this facility:

DEED:
Name: SCHMIDBAUER ARCATA MILL
Address: 901 O STREET
City,State,Zip: ARCATA, CA 95521
Envirostor ID: T0602393512
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2018
File Name: Geotracker Land Use/Deed Restrictions

K41 **WALLACE AND HINZ** **RCRA-SQG 1000818436**
1065 K ST **LUST CAD983643081**
< 1/8 **ARCATA, CA 95521** **FINDS**
1 ft. **ECHO**
Site 1 of 3 in cluster K **Cortese**
HAZNET
Relative: Higher **HIST CORTESE**
HWTS
Actual: 22 ft.

RCRA-SQG:

Date Form Received by Agency:		19920714
Handler Name:	WALLACE AND HINZ	
Handler Address:		1065 K ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD983643081
Contact Name:		TOM HINZ
Contact Address:		1065 K ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-826-1729
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities

WALLACE AND HINZ (Continued) **1000818436**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	K ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	TOM HINZ
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No

WALLACE AND HINZ (Continued) **1000818436**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOM HINZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-826-1729
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920714
Handler Name: WALLACE AND HINZ	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LUST:

Name:	GERMAN MOTORS OF ARCATA
Address:	1065 K STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300207
Global Id:	T0602300207
Latitude:	40.8708873691378

WALLACE AND HINZ (Continued) **1000818436**

Longitude: -124.089957336447
Status: Completed - Case Closed
Status Date: 11/17/1995
Case Worker: ZZZ
RB Case Number: 1THU275
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: 12275
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300207
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300207
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300207
Action Type: ENFORCEMENT
Date: 11/17/1995
Action: Closure/No Further Action Letter

Global Id: T0602300207
Action Type: ENFORCEMENT
Date: 07/13/1990
Action: * Historical Enforcement

Global Id: T0602300207
Action Type: Other
Date: 06/30/1990
Action: Leak Discovery

Global Id: T0602300207
Action Type: Other
Date: 06/30/1990
Action: Leak Reported

Global Id: T0602300207
Action Type: RESPONSE
Date: 11/07/1995
Action: Well Destruction Report

WALLACE AND HINZ (Continued) **1000818436**

Global Id: T0602300207
Action Type: Other
Date: 06/30/1990
Action: Leak Stopped

LUST:
Global Id: T0602300207
Status: Open - Case Begin Date
Status Date: 06/30/1990

Global Id: T0602300207
Status: Open - Site Assessment
Status Date: 07/13/1990

Global Id: T0602300207
Status: Open - Site Assessment
Status Date: 12/11/1991

Global Id: T0602300207
Status: Open - Site Assessment
Status Date: 03/10/1992

Global Id: T0602300207
Status: Open - Remediation
Status Date: 11/16/1995

Global Id: T0602300207
Status: Open - Site Assessment
Status Date: 11/16/1995

Global Id: T0602300207
Status: Open - Verification Monitoring
Status Date: 11/16/1995

Global Id: T0602300207
Status: Completed - Case Closed
Status Date: 11/17/1995

FINDS:
Registry ID: 110002880963

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WALLACE AND HINZ (Continued) **1000818436**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000818436
Registry ID:	110002880963
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002880963
Name:	WALLACE AND HINZ
Address:	1065 K ST
City,State,Zip:	ARCATA, CA 95521

CORTESE:

Name:	GERMAN MOTORS OF ARCATA
Address:	1065 K STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300207
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	WALLACE AND HINZ
Address:	1065 K ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
Contact:	SAMANTHA HANI
Telephone:	7078261729
Mailing Name:	Not reported
Mailing Address:	PO BOX 708
Year:	2005
Gepaid:	CAD983643081
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.041
Year:	2004
Gepaid:	CAD983643081

WALLACE AND HINZ (Continued) **1000818436**

TSD EPA ID: KYD053348108
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.2

Year: 2004
Gepaid: CAD983643081
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.1275

Year: 2003
Gepaid: CAD983643081
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.033

Year: 2002
Gepaid: CAD983643081
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0215

Year: 2001
Gepaid: CAD983643081
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: -
Tons: 0.0015

Year: 2001
Gepaid: CAD983643081
TSD EPA ID: KYD053348108
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: *** - Invalid Code
Tons: 0.225

Year: 2001
Gepaid: CAD983643081
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0675

Year: 2000
Gepaid: CAD983643081
TSD EPA ID: CAD059494310
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.1

Year: 2000
Gepaid: CAD983643081
TSD EPA ID: CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0195

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1998
Gen EPA ID: CAD983643081

Shipment Date: 19981214
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981217
Manifest ID: 98451029
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981118
Creation Date: 1/21/1999 0:00:00
Receipt Date: 19981130
Manifest ID: 98560428
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981021
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981029
Manifest ID:	98567047
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980923
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980930
Manifest ID:	98282361
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980827
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980902
Manifest ID:	98275726
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980729
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980806
Manifest ID:	98171373
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980701
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980709
Manifest ID:	98174728
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station

WALLACE AND HINZ (Continued) **1000818436**

Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980603
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980609
Manifest ID:	98178136
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980506
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980513
Manifest ID:	97364700
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Shipment Date:	19980406
Creation Date:	6/16/1998 0:00:00
Receipt Date:	19980414
Manifest ID:	97389387
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD983643081

Shipment Date:	20011212
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	21321154
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011113
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011121
Manifest ID:	21310684
Trans EPA ID:	SCR000075150

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011017
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011023
Manifest ID:	21378567
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010920
Creation Date:	11/1/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21456231
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

WALLACE AND HINZ (Continued) **1000818436**

Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010919
Creation Date:	7/22/2002 18:31:22
Receipt Date:	20011004
Manifest ID:	20996253
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	AZ0000001560
Trans 2 Name:	Not reported
TSDF EPA ID:	KYD053348108
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	*** - Invalid Code
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010822
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010829
Manifest ID:	21110922
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Shipment Date:	20010723
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010730
Manifest ID:	21100641
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010627
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010705
Manifest ID:	21130882
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010530
Creation Date:	8/29/2001 0:00:00
Receipt Date:	20010607
Manifest ID:	20648143
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010502
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010509
Manifest ID:	20636033
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD983643081

Shipment Date:	20040722
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040729
Manifest ID:	23509137
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

WALLACE AND HINZ (Continued) **1000818436**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040624
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040702
Manifest ID:	23508629
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040528
Creation Date:	10/15/2004 15:16:06
Receipt Date:	20040603
Manifest ID:	23506602
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Shipment Date:	20040430
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040507
Manifest ID:	23468655
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040402
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040406
Manifest ID:	23474158
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040402
Creation Date:	10/14/2004 7:49:48
Receipt Date:	20040425
Manifest ID:	22959169
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	M P ENVIRONMENTAL
TSDF EPA ID:	KYD053348108

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040304
Creation Date:	10/14/2004 7:35:58
Receipt Date:	20040312
Manifest ID:	23471111
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040205
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040213
Manifest ID:	22574746
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040107
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040113
Manifest ID:	22590984
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD983643081
Shipment Date:	20021211
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021218
Manifest ID:	22196436
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Shipment Date:	20021113
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021120
Manifest ID:	22133648
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021016
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021023
Manifest ID:	21904270
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020918
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020925
Manifest ID:	21902769
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020821
Creation Date:	1/27/2003 18:31:12
Receipt Date:	20020828
Manifest ID:	21747829
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020723
Creation Date:	3/14/2003 18:31:30
Receipt Date:	20020729
Manifest ID:	21742658
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020627
Creation Date:	9/3/2002 18:32:13
Receipt Date:	20020703
Manifest ID:	21730972
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020529
Creation Date:	7/30/2002 18:31:21
Receipt Date:	20020605
Manifest ID:	21594578
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020430
Creation Date:	7/29/2002 18:39:34
Receipt Date:	20020508

WALLACE AND HINZ (Continued) **1000818436**

Manifest ID:	21591217
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020404
Creation Date:	7/17/2002 18:34:07
Receipt Date:	20020412
Manifest ID:	21580933
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD983643081

Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971216
Manifest ID:	97342898
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971118
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971121
Manifest ID:	97344063
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971021
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971023
Manifest ID:	96604098
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3

WALLACE AND HINZ (Continued) **1000818436**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971001
Manifest ID:	96843428
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970827
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970903
Manifest ID:	96762204
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970731
Creation Date:	12/4/1997 0:00:00

WALLACE AND HINZ (Continued) **1000818436**

Receipt Date:	19970805
Manifest ID:	96853713
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970702
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970708
Manifest ID:	96786690
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970604
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19970609
Manifest ID:	96792922
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970508
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970513
Manifest ID:	96635498
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970409
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970415
Manifest ID:	96636629
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983643081
Shipment Date:	19941221
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941229
Manifest ID:	95036845
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941121
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	95085262
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941027

WALLACE AND HINZ (Continued) **1000818436**

Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941031
Manifest ID:	93785559
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940927
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941003
Manifest ID:	95071160
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940901
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940912
Manifest ID:	95062077
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940802
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940809
Manifest ID:	93683787
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940707
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940714
Manifest ID:	93662506
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940607
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93673356
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940511
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940517
Manifest ID:	92621158
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940413
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940422
Manifest ID:	93429524

WALLACE AND HINZ (Continued) **1000818436**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD983643081
Shipment Date:	20001211
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001218
Manifest ID:	20380253
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001114
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001121
Manifest ID:	20286220
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001018
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001024
Manifest ID:	20284160
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000920
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20034232
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000823
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000829
Manifest ID:	20020619
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000727
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000807
Manifest ID:	99412873
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000726
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000803

WALLACE AND HINZ (Continued) **1000818436**

Manifest ID:	20170847
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000628
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000707
Manifest ID:	20014899
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000531
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000606
Manifest ID:	20006169
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000503
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000510
Manifest ID:	99857542
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983643081
Shipment Date:	19951221
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951227
Manifest ID:	95822764
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4

WALLACE AND HINZ (Continued) **1000818436**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951128
Manifest ID:	95766066
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951027
Manifest ID:	95759310
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950830
Creation Date:	4/1/1996 0:00:00

WALLACE AND HINZ (Continued) **1000818436**

Receipt Date:	19950906
Manifest ID:	95554740
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950803
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950807
Manifest ID:	95639345
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950510
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950516
Manifest ID:	95524124
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950412
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950418
Manifest ID:	95511093
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950118
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950125
Manifest ID:	95045750
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD983643081
Shipment Date:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93122516
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931130
Manifest ID:	93030801
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931026

WALLACE AND HINZ (Continued) **1000818436**

Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93091487
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930831
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930908
Manifest ID:	93034035
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930804
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930810
Manifest ID:	93223372
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930609
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930615
Manifest ID:	92626820
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930512
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	92586586
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930414
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930420
Manifest ID:	92573277
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930317
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930324
Manifest ID:	92537751
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930218
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930223
Manifest ID:	92157301

WALLACE AND HINZ (Continued) **1000818436**

Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD983643081
Shipment Date:	20031112
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031119
Manifest ID:	23304270
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031016
Creation Date:	8/20/2004 8:27:39
Receipt Date:	20031022
Manifest ID:	22529921
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030918
Creation Date:	8/3/2004 15:02:31
Receipt Date:	20030926
Manifest ID:	22514685
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030820
Creation Date:	7/29/2004 7:44:50
Receipt Date:	20030827
Manifest ID:	22878660
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030723
Creation Date:	7/28/2004 10:45:53
Receipt Date:	20030730
Manifest ID:	22873753
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030528
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030604
Manifest ID:	22384695
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030430
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030507

WALLACE AND HINZ (Continued) **1000818436**

Manifest ID:	22372862
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030402
Creation Date:	7/31/2003 18:30:54
Receipt Date:	20030409
Manifest ID:	22448348
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030305
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030312
Manifest ID:	22432567
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030205
Creation Date:	1/5/2007 18:30:16
Receipt Date:	20030212
Manifest ID:	22116209
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD983643081
Shipment Date:	19991116
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99519181
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3

WALLACE AND HINZ (Continued) **1000818436**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991020
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991027
Manifest ID:	99513041
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990923
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99503039
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990825
Creation Date:	10/28/1999 0:00:00

WALLACE AND HINZ (Continued) **1000818436**

Receipt Date:	19990901
Manifest ID:	99042740
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990728
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990804
Manifest ID:	99036461
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990630
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990707
Manifest ID:	99237587
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990603
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990610
Manifest ID:	99222710
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990505
Creation Date:	7/7/1999 0:00:00
Receipt Date:	19990511
Manifest ID:	98808012
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990407
Creation Date:	5/20/1999 0:00:00
Receipt Date:	19990414
Manifest ID:	98793268
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990309
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990318
Manifest ID:	98869700
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD983643081
Shipment Date:	19961209

WALLACE AND HINZ (Continued) **1000818436**

Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	96474329
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961118
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961122
Manifest ID:	96463830
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961022
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961028
Manifest ID:	96486060
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96476353
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960827
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960903
Manifest ID:	96507254
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960701
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960708
Manifest ID:	96095735
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960606
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960611
Manifest ID:	96139487
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960509
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960513
Manifest ID:	96167580

WALLACE AND HINZ (Continued) **1000818436**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960409
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960412
Manifest ID:	96074303
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960312
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960315
Manifest ID:	96248715
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

WALLACE AND HINZ (Continued) **1000818436**

RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAD983643081

Shipment Date: 20050817
Creation Date: 4/13/2006 18:45:56
Receipt Date: 20050829
Manifest ID: 24365570
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.018
Waste Quantity: 36
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050525
Creation Date: 8/17/2005 18:31:07
Receipt Date: 20050603
Manifest ID: 24352940
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.018
Waste Quantity: 36
Quantity Unit: P

WALLACE AND HINZ (Continued) **1000818436**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050302
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050314
Manifest ID:	24261505
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	GERMAN MOTORS OF ARCATA
edr_fadd1:	1065 K
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU275

HWTS:

Name:	WALLACE AND HINZ
Address:	1065 K ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAD983643081
Inactive Date:	06/30/2005
Create Date:	07/14/1992
Last Act Date:	04/04/2007
Mailing Name:	Not reported
Mailing Address:	PO BOX 708
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BLUE LAKE, CA 955250000
Owner Name:	DON S WALLACE & THOMAS HINZ
Owner Address:	1065 K STREET
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955215544

WALLACE AND HINZ (Continued) **1000818436**

Contact Name:	SAMANTHA HANI
Contact Address:	1065 K ST #C
Contact Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955215544

NAICS:

EPA ID:	CAD983643081
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	3371
NAICS Description:	Household and Institutional Furniture and Kitchen Cabinet Manufacturing
Issued EPA ID Date:	1992-07-14 00:00:00
Inactive Date:	2005-06-30 15:01:00
Facility Name:	WALLACE AND HINZ
Facility Address:	1065 K ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955210000

K42 **ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA** **CUPA Listings** **S111456191**
1065-B K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 3 in cluster K

Relative: Higher
Actual: 22 ft.

CUPA HUMBOLDT:

Name:	ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA
Address:	1065-B K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000043
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020148
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0005705
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Jonathon Hamilton
Day Phone:	7078227265
Latitude:	40.87094
Longitude:	-124.0895

Name:	ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA
Address:	1065-B K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000043
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020148

ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA (Continued) **S111456191**

Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001277
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Jonathon Hamilton
Day Phone:	7078227265
Latitude:	40.87094
Longitude:	-124.0895

D43 **ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA** **CERS HAZ WASTE S123103222**
1065-B K ST **CERS N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 9 of 12 in cluster D

Relative: Higher
Actual: 22 ft.

CERS HAZ WASTE:

Name:	ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA
Address:	1065-B K ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	90563
CERS ID:	10020148
CERS Description:	Hazardous Waste Generator

CERS:

Name:	ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA
Address:	1065-B K ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	90563
CERS ID:	10020148
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Opening inspection for new operator.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste being managed appropriately.
Eval Division:	Humboldt County Division of Environmental Health

ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA (Continued) **S123103222**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Training up to date and CERS submittal accurate.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Opening inspection for new operator.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA (Continued) **S123103222**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Operator
Entity Name: Jonathon Hamilton
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (530) 394-7699,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1065-B K ST
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Jonathon Hamilton
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jonathon Hamilton
Entity Title: Not reported
Affiliation Address: 1065-B K St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported

ALBEEWOOD INC - DBA GERMAN MOTORS OF ARCATA (Continued) **S123103222**

Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jonathon Hamilton
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Albeewood Inc
Entity Title:	Not reported
Affiliation Address:	1065-B K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-7265,
Affiliation Type Desc:	Property Owner
Entity Name:	Helmut Remiorz
Entity Title:	Not reported
Affiliation Address:	1111 11th Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 826-0695,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Albeewood Inc - dba German Motors of Arcata
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

K44 **GERMAN MOTORS OF ARCATA** **RCRA NonGen / NLR** **1024807947**
1065 K ST STE B **CAL000277401**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster K

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	20031217
Handler Name:	GERMAN MOTORS OF ARCATA
Handler Address:	1065 K ST STE B
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAL000277401
Contact Name:	LOREN FISHER
Contact Address:	1065 K ST STE B

Actual:
22 ft.

GERMAN MOTORS OF ARCATA (Continued) **1024807947**

Contact City,State,Zip:	ARCATA, CA 95521-5494
Contact Telephone:	707-822-7265
Contact Fax:	707-822-2308
Contact Email:	GERMANMOTORSOFARCATA@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1065 K ST STE B
Mailing City,State,Zip:	ARCATA, CA 95521-5494
Owner Name:	ALBEEWOOD INC
Owner Type:	Other
Operator Name:	LOREN FISHER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

GERMAN MOTORS OF ARCATA (Continued) **1024807947**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALBEEWOOD INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 K ST STE B
Owner/Operator City,State,Zip:	ARCATA, CA 95521-5494
Owner/Operator Telephone:	707-822-7265
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOREN FISHER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 K ST STE B
Owner/Operator City,State,Zip:	ARCATA, CA 95521-5494
Owner/Operator Telephone:	707-822-7265
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20031217
Handler Name: GERMAN MOTORS OF ARCATA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

GERMAN MOTORS OF ARCATA (Continued) **1024807947**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D45 **GERMAN MOTORS OF ARCATA** **LUST** **S100223964**
K STREET 1065 **N/A**
< 1/8 **ARCATA, CA**
1 ft.

Site 10 of 12 in cluster D

Relative: LUST REG 1:
Higher Region: 1
Actual: Facility ID: 1THU275
22 ft. Staff Initials: Closed

A46 **STIMSON LUMBER COMPANY** **LUST** **S101294737**
1423 TENTH **HIST CORTESE** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 6 in cluster A

Relative: LUST REG 1:
Lower Region: 1
Actual: Facility ID: 1THU410
18 ft. Staff Initials: HUM

HIST CORTESE:
edr_fname: STIMSON LUMBER COMPANY
edr_fadd1: 1423 TENTH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU410

D47 **CAHILL SHELL** **CA FID UST** **S101582036**
1122 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 11 of 12 in cluster D

Relative: Higher
Actual: 23 ft.

CA FID UST:

Facility ID:	12000284
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7078223987
Mail To:	Not reported
Mailing Address:	1122 K ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

D48 **CAHILL PATRIOT** **UST** **U003778582**
1122 K ST **SWEEPS UST** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 12 of 12 in cluster D

Relative: Higher
Actual: 23 ft.

UST:

Name:	CAHILL PATRIOT
Address:	1122 K ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000581
Permitting Agency:	HUMBOLDT COUNTY
CERSID:	Not reported
Latitude:	40.8728225
Longitude:	-124.0876953

SWEEPS UST:

Name:	CAHILL SHELL
Address:	1122 K ST
City:	ARCATA
Status:	Active
Comp Number:	67923
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-11-93
Action Date:	03-11-93
Created Date:	12-05-88
Owner Tank Id:	1
SWRCB Tank Id:	12-000-067923-000001
Tank Status:	A
Capacity:	4000
Active Date:	06-12-91
Tank Use:	M.V. FUEL
STG:	P

CAHILL PATRIOT (Continued) **U003778582**

Content: REG UNLEADED
Number Of Tanks: 3

Name: CAHILL SHELL
Address: 1122 K ST
City: ARCATA
Status: Active
Comp Number: 67923
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-11-93
Action Date: 03-11-93
Created Date: 12-05-88
Owner Tank Id: 2
SWRCB Tank Id: 12-000-067923-000002
Tank Status: A
Capacity: 4000
Active Date: 06-12-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CAHILL SHELL
Address: 1122 K ST
City: ARCATA
Status: Active
Comp Number: 67923
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-11-93
Action Date: 03-11-93
Created Date: 12-05-88
Owner Tank Id: 3
SWRCB Tank Id: 12-000-067923-000003
Tank Status: A
Capacity: 4000
Active Date: 05-03-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

L49 **APEX AUTO** **CERS HAZ WASTE** **S123103236**
801 1/2 K ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
1 ft.

Site 1 of 7 in cluster L

Relative: Higher
Actual: 20 ft.

CERS HAZ WASTE:
Name: APEX AUTO
Address: 801 1/2 K ST
City,State,Zip: ARCATA, CA 95521
Site ID: 92908
CERS ID: 10020043
CERS Description: Hazardous Waste Generator

APEX AUTO (Continued) **S123103236**

CERS:
- Name: APEX AUTO
- Address: 801 1/2 K ST
- City,State,Zip: ARCATA, CA 95521
- Site ID: 92908
- CERS ID: 10020043
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 92908
- Site Name: Apex Auto
- Violation Date: 01-21-2015
- Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
- Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
- Violation Notes: Returned to compliance on 02/18/2015. OBSERVATION: The 55 gallon drum of oily absorbent did not have a label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Label the container and ensure that all hazardous waste containers are marked with all the required information. Send DEH the "self certification return to compliance" form within 30 days.
- Violation Division: Humboldt County Division of Environmental Health
- Violation Program: HW
- Violation Source: CERS,

- Site ID: 92908
- Site Name: Apex Auto
- Violation Date: 01-21-2015
- Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
- Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
- Violation Notes: Returned to compliance on 02/02/2015. OBSERVATION: Annual training documentation regarding emergency/spill response and safe chemical handling for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan. Send DEH a copy of the the sign in sheet by February 22.
- Violation Division: Humboldt County Division of Environmental Health
- Violation Program: HMRRP
- Violation Source: CERS,

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 01-05-2017
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Humboldt County Division of Environmental Health

APEX AUTO (Continued) **S123103236**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

APEX AUTO (Continued) **S123103236**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-31-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-31-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 92908
Site Name: Apex Auto
Site Address: 801 1/2 K ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 01-21-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 92908
Site Name: Apex Auto
Site Address: 801 1/2 K ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 01-21-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District

APEX AUTO (Continued) **S123103236**

Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Aaron Reel
Entity Title:	Not reported
Affiliation Address:	801 1/2 K Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521801 1
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Apex Auto
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 840-6200,
Affiliation Type Desc:	Parent Corporation
Entity Name:	APEX
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Aaron Reel
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	801 1/2 K Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521

APEX AUTO (Continued) **S123103236**

Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Aaron Reel
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Aaron Reel
Entity Title: Not reported
Affiliation Address: 801 1/2 K Street
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 840-6200,

HWTS:
Name: APEX AUTO
Address: 801 1/2 K ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 95521
EPA ID: CAL000455795
Inactive Date: Not reported
Create Date: 07/23/2020
Last Act Date: 07/23/2020
Mailing Name: Not reported
Mailing Address: 801 1/2 k st
Mailing Address 2: Not reported
Mailing City,State,Zip: ARCATA, CA 95521
Owner Name: aaron reel
Owner Address: 1260 washington ave
Owner Address 2: Not reported
Owner City,State,Zip: mckinleyville, CA 95519
Contact Name: aaron reel
Contact Address: 801 1/2 k st
Contact Address 2: Not reported
City,State,Zip: ARCATA, CA 95521

NAICS:
EPA ID: CAL000455795
Create Date: 2020-07-23 16:10:01.373
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2020-07-23 16:10:01.34000
Inactive Date: Not reported
Facility Name: apex auto
Facility Address: 801 1/2 k st
Facility Address 2: Not reported
Facility City: ARCATA
Facility County: Not reported

APEX AUTO (Continued) **S123103236**

Facility State: CA
Facility Zip: 95521

M50 **CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO** **CUPA Listings** **S116677186**
1305 10TH ST **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
1 ft.

Site 1 of 5 in cluster M

Relative: Higher
Actual: 20 ft.

CUPA HUMBOLDT:

Name:	NORTH BAY AUTOMOTIVE
Address:	1305 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002221
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10483480
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0000994
District:	N - North
SIC Code:	(none)
Last Touched:	05/24/2021
Update By:	JGONZALEZ
Contact Name:	Chad Grammer
Day Phone:	7078222100
Latitude:	40.87083
Longitude:	-124.0910

Name:	NORTH BAY AUTOMOTIVE
Address:	1305 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002221
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10483480
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0004793
District:	N - North
SIC Code:	(none)
Last Touched:	05/24/2021
Update By:	JGONZALEZ
Contact Name:	Chad Grammer
Day Phone:	7078222100
Latitude:	40.87083
Longitude:	-124.0910

HAZNET:

Name:	CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO
Address:	1305 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 95521
Contact:	CHAD GRAMMER

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **S116677186**

Telephone: 7078457189
Mailing Name: Not reported
Mailing Address: 1305 10TH STREET

Year: 2019
Gepaid: CAL000391517
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10000

Year: 2018
Gepaid: CAL000391517
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.10425

Year: 2017
Gepaid: CAL000391517
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.2085

Year: 2017
Gepaid: CAL000391517
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Year: 2016
Gepaid: CAL000391517
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.225

Year: 2015
Gepaid: CAL000391517
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3

Additional Info:
Year: 2016
Gen EPA ID: CAL000391517

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **S116677186**

Shipment Date:	20150204
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150217
Manifest ID:	011469853JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000391517
Shipment Date:	20171213
Creation Date:	8/10/2018 18:30:24
Receipt Date:	20171228
Manifest ID:	018169505JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171109
Creation Date:	6/13/2018 18:30:46
Receipt Date:	20171128

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **S116677186**

Manifest ID:	018167111JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000391517
Shipment Date:	20150204
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150217
Manifest ID:	011469853JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO
Address:	1305 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **S116677186**

EPA ID: CAL000391517
Inactive Date: Not reported
Create Date: 11/21/2013
Last Act Date: 09/17/2020
Mailing Name: Not reported
Mailing Address: 1305 10TH STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: ARCATA, CA 95521
Owner Name: CHAD'S AUTOMOTIVE REPAIR SERV INC
Owner Address: 2761 SKYLINE DR
Owner Address 2: Not reported
Owner City,State,Zip: EUREKA, CA 95503
Contact Name: CHAD GRAMMER
Contact Address: 2761 SKYLINE DR
Contact Address 2: Not reported
City,State,Zip: EUREKA, CA 95503

NAICS:
EPA ID: CAL000391517
Create Date: 2013-11-21 08:57:56.163
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2013-11-21 08:57:56.13000
Inactive Date: Not reported
Facility Name: CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO
Facility Address: 1305 10TH ST
Facility Address 2: Not reported
Facility City: ARCATA
Facility County: Not reported
Facility State: CA
Facility Zip: 955210000

N51 **WING INFLATABLES, INC.** **CERS HAZ WASTE** **S123098091**
1220 5TH ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 8 in cluster N

Relative: Lower
Actual: 15 ft.

CERS HAZ WASTE:
Name: WING INFLATABLES, INC.
Address: 1220 5TH ST
City,State,Zip: ARCATA, CA 95521
Site ID: 172114
CERS ID: 10021312
CERS Description: Hazardous Waste Generator

CERS:
Name: WING INFLATABLES, INC.
Address: 1220 5TH ST
City,State,Zip: ARCATA, CA 95521
Site ID: 172114
CERS ID: 10021312
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 172114
Site Name: Wing Inflatables, Inc.

WING INFLATABLES, INC. (Continued) **S123098091**

Violation Date:	10-19-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 11/09/2017. Did not observe haz waste disposal manifests for last two years of spent MEK/solvent waste. Submit documented proof of disposal for all haz waste generated at facility within last two years to DEH within 30 days along with a "Self certification of return to compliance" form.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	172114
Site Name:	Wing Inflatables, Inc.
Violation Date:	12-03-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/20/2016. OBSERVATION: Annual hazardous materials and Emergency Response Plan training for all applicable employees was not conducted. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	172114
Site Name:	Wing Inflatables, Inc.
Violation Date:	11-15-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 12/09/2019. OBSERVATION: A 55 gallon drum of waste MEK located in the waste storage area was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	172114
Site Name:	Wing Inflatables, Inc.

WING INFLATABLES, INC. (Continued) **S123098091**

Violation Date: 11-15-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/20/2019. OBSERVATION: The business failed to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan. CORRECTIVE ACTION: Conduct a training within 30 days and send a copy of the sign-in sheet to DEH within that timeframe.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 172114
Site Name: Wing Inflatables, Inc.
Violation Date: 10-19-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/09/2017. Did not observe haz mat handling and emergency response training documentation. All employees handling haz mat must be trained after hire and and annually as a refresher on haz mat handling and emergency response and this must be documented and retained onsite. Hold an annual refresher training with all haz mat employees within 30 days and submit documentation proof of training along with a "self certification of return to compliance" form to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 172114
Site Name: Wing Inflatables, Inc.
Violation Date: 12-03-2015
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 12/03/2015. OBSERVATION: Two 55 gallon drums of waste MEK had lids but not a secured ring. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Fixed while inspector onsite.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection

WING INFLATABLES, INC. (Continued) **S123098091**

Eval Date: 10-19-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: Yes
Eval Type: Routine done by local agency

WING INFLATABLES, INC. (Continued) **S123098091**

Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility was given new site map requirements.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 172114
Facility Name: Wing Inflatables, Inc.
Env Int Type Code: HWG
Program ID: 10021312
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.867802
Longitude: -124.093483

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Wing Inflatables
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Document Preparer
Entity Name: Ed Dickenson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner

WING INFLATABLES, INC. (Continued) **S123098091**

Entity Name:	Bradford Floyd
Entity Title:	Not reported
Affiliation Address:	819 7th Street
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-9754,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Mark Talbert
Entity Title:	Not reported
Affiliation Address:	3701 Mt. Diablo Blvd Suite 200
Affiliation City:	Lafayette
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94549
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3701 Mt. Diablo Blvd Suite 200
Affiliation City:	Lafayette
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94549
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Talbert
Entity Title:	Vice President of Manufacturing
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Andrew Branagh
Entity Title:	Not reported
Affiliation Address:	3701 Mt. Diablo Blvd Suite 200
Affiliation City:	Lafayette
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94549
Affiliation Phone:	(707) 826-2887,
Affiliation Type Desc:	Operator
Entity Name:	Mark Talbert
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

WING INFLATABLES, INC. (Continued) **S123098091**

Affiliation Phone: (360) 271-1152,

N52 **WING INFLATABLES INC** **RCRA NonGen / NLR** **1024845092**
1220 5TH ST **CAL000397864**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 8 in cluster N

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20140613
Handler Name:	WING INFLATABLES INC	
Handler Address:		1220 5TH ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000397864
Contact Name:		EDWARD DICKENSON
Contact Address:		1220 5TH ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-499-0063
Contact Fax:		707-826-0136
Contact Email:		EDICKENSON@WING.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3701 MT DIABLO BLVD STE 200
Mailing City,State,Zip:		LAFAYETTE, CA 94549-3546
Owner Name:		WING INFLATABLES INC
Owner Type:		Other
Operator Name:		EDWARD DICKENSON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No

Actual:
15 ft.

WING INFLATABLES INC (Continued) **1024845092**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WING INFLATABLES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 MT DIABLO BLVD STE 200
Owner/Operator City,State,Zip:	LAFAYETTE, CA 94549-3546
Owner/Operator Telephone:	530-304-3724
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EDWARD DICKENSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1220 5TH ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-499-0063

WING INFLATABLES INC (Continued) **1024845092**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140613
Handler Name: WING INFLATABLES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 339932
NAICS Description: GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L53 **APEX AUTO** **RCRA NonGen / NLR** **1026491050**
801 1/2 K ST **CAL000455795**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 7 in cluster L

Relative: Higher
Actual: 20 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20200723
Handler Name: APEX AUTO
Handler Address: 801 1/2 K ST
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAL000455795
Contact Name: AARON REEL
Contact Address: 801 1/2 K ST
Contact City,State,Zip: ARCATA, CA 95521
Contact Telephone: 707-840-6200
Contact Fax: 707-825-1712
Contact Email: APEXAUTO707@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported

APEX AUTO (Continued) **1026491050**

State District:	Not reported
Mailing Address:	801 1/2 K ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	AARON REEL
Owner Type:	Other
Operator Name:	AARON REEL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

APEX AUTO (Continued) **1026491050**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AARON REEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 1/2 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-840-6200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AARON REEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1260 WASHINGTON AVE
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519
Owner/Operator Telephone:	707-840-6200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200723
Handler Name: APEX AUTO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L54 **BARSANTI DENTAL GROUP** **RCRA NonGen / NLR** **1024871645**
1180 8TH ST **CAL000440290**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 7 in cluster L

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		20181027
Handler Name:	BARSANTI DENTAL GROUP	
Handler Address:		1180 8TH ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000440290
Contact Name:		SELENA TOMLINSON
Contact Address:		1180 8TH ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-0381
Contact Fax:		707-826-0631
Contact Email:		DRBARSANTI@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1180 8TH ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		TRISH A BARSANTI DDS
Owner Type:		Other
Operator Name:		SELENA TOMLINSON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Actual:
20 ft.

BARSANTI DENTAL GROUP (Continued) **1024871645**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SELENA TOMLINSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 8TH ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-0381
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRISH A BARSANTI DDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 8TH ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-0381
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BARSANTI DENTAL GROUP (Continued) **1024871645**

Historic Generators:
- Receive Date: 20181027
- Handler Name: BARSANTI DENTAL GROUP
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 621210
- NAICS Description: OFFICES OF DENTISTS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

O55 **CHEVRON 206128** **RCRA-LQG** **1025881906**
1380 NINTH ST **CAP000263459**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 6 in cluster O

Relative: Higher
Actual: 19 ft.

RCRA-LQG:
- Date Form Received by Agency: 20160526
- Handler Name: CHEVRON 206128
- Handler Address: 1380 NINTH ST
- Handler City,State,Zip: ARCATA, CA 95521
- EPA ID: CAP000263459
- Contact Name: JOCKO RODRIGUEZ
- Contact Address: PO BOX 6004
- Contact City,State,Zip: SAN RAMON, CA 94583
- Contact Telephone: 877-386-6044
- Contact Fax: 866-849-4434
- Contact Email: NAWDESK@CHEVRON.COM
- Contact Title: HES DATA ANALYST WASTE
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Large Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: PO BOX 6004
- Mailing City,State,Zip: SAN RAMON, CA 94583
- Owner Name: PDH II LLC

CHEVRON 206128 (Continued) **1025881906**

Owner Type:	Private
Operator Name:	JOCKO RODRIGUEZ
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160620
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

CHEVRON 206128 (Continued) **1025881906**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PDH II LLC
Legal Status: Private
Date Became Current: 20130101
Date Ended Current: Not reported
Owner/Operator Address: 1300 9TH ST
Owner/Operator City,State,Zip: ARCATA, CA 95521
Owner/Operator Telephone: 877-386-6044
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOCKO RODRIGUEZ
Legal Status: Private
Date Became Current: 20130101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160526
Handler Name: CHEVRON 206128
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:

CHEVRON 206128 (Continued) **1025881906**

Evaluations: No Evaluations Found

N56 **BRADFORD FLOYD ATTORNEY** **CUPA Listings** **S112990789**
1220 5TH ST **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
1 ft.

Site 3 of 8 in cluster N

Relative: Lower
Actual: 15 ft.

CUPA HUMBOLDT:

Name:	MENDOCINO SPECIALTY LUMBER
Address:	1220 5TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002071
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10473226
Facility Status:	05 - CLOSED
Record ID:	PR0001846
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Oscar Koskinen Jr
Day Phone:	7077260339
Latitude:	40.86767
Longitude:	-124.0948

Name:	ROCK SOLID 4X4
Address:	1220 5TH ST # P
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0004871
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10331473
Facility Status:	05 - CLOSED
Record ID:	PR0007141
District:	N - North
SIC Code:	7549 - Automotive services, nec
Last Touched:	06/18/2019
Update By:	JGONZALEZ
Contact Name:	Corey Adams
Day Phone:	7078267930
Latitude:	40.86780
Longitude:	-124.0935

Name:	MENDOCINO SPECIALTY LUMBER
Address:	1220 5TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002071
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive

BRADFORD FLOYD ATTORNEY (Continued) **S112990789**

CERS ID: 10473226
Facility Status: 05 - CLOSED
Record ID: PR0007140
District: N - North
SIC Code: (none)
Last Touched: 04/12/2019
Update By: dba
Contact Name: Oscar Koskinen Jr
Day Phone: 7077260339
Latitude: 40.86767
Longitude: -124.0948

Name: PG&E - T-236 TEMPORARY CONSTRUCTION EASEMENT (LOCATION O)
Address: 1220 5TH ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0005441
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 02 - Inactive
CERS ID: 10589509
Facility Status: 05 - CLOSED
Record ID: PR0008435
District: N - North
SIC Code: 4911 - Electric services
Last Touched: 04/12/2019
Update By: dba
Contact Name: Austin Hastings
Day Phone: 5592460485
Latitude: 40.86672
Longitude: -124.0915

HAZNET:
Name: BRADFORD FLOYD ATTORNEY
Address: 1220 5TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955216155
Contact: RANDALL FLOYD
Telephone: 7074991985
Mailing Name: Not reported
Mailing Address: 2740 ALLIANCE RD

Year: 2011
Gepaid: CAC002672542
TSD EPA ID: CAT080012602
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.80481

Additional Info:
Year: 2011
Gen EPA ID: CAC002672542

Shipment Date: 20111209

BRADFORD FLOYD ATTORNEY (Continued) **S112990789**

Creation Date:	3/14/2012 20:30:11
Receipt Date:	20111214
Manifest ID:	008814359JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080012602
Trans Name:	DK DIXON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.80481
Waste Quantity:	193
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BRADFORD FLOYD ATTORNEY
Address:	1220 5TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955216155
EPA ID:	CAC002672542
Inactive Date:	01/26/2012
Create Date:	07/29/2011
Last Act Date:	07/29/2011
Mailing Name:	Not reported
Mailing Address:	2740 ALLIANCE RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 955214876
Owner Name:	BRADFORD FLOYD
Owner Address:	2740 ALLIANCE RD
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955214876
Contact Name:	RANDALL FLOYD
Contact Address:	2740 ALLIANCE RD
Contact Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955214876

N57 **WING INFLATABLES INC** **RCRA-SQG 1000158825**
1220 5TH ST **FINDS CAD982525255**
< 1/8 **ARCATA, CA 95521** **ECHO**
1 ft.

Site 4 of 8 in cluster N

Relative: RCRA-SQG:
Lower

Date Form Received by Agency:		19960118
Handler Name:	ARCATA CORP	
Handler Address:		1220 5TH ST
Handler City,State,Zip:		ARCATA, CA 95521

Actual:
15 ft.

WING INFLATABLES INC (Continued) **1000158825**

EPA ID:	CAD982525255
Contact Name:	GUY PAQUETTE
Contact Address:	125 HIGH ST
Contact City,State,Zip:	BOSTON, MA 02110
Contact Telephone:	514-954-0101
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	HIGH ST
Mailing City,State,Zip:	BOSTON, MA 02110
Owner Name:	ARCATA CORP
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

WING INFLATABLES INC (Continued) **1000158825**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCATA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	125 HIGH ST
Owner/Operator City,State,Zip:	BOSTON, MA 02110
Owner/Operator Telephone:	514-954-0101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960118
Handler Name: ARCATA CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WING INFLATABLES INC (Continued) **1000158825**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110059740721

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110002842513

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000158825
Registry ID: 110002842513
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002842513
Name: ARCATA CORP
Address: 1220 5TH ST
City,State,Zip: ARCATA, CA 95521

Envid: 1000158825
Registry ID: 110059740721
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110059740721
Name: WING INFLATABLES INC

WING INFLATABLES INC (Continued) **1000158825**

Address: 1220 5TH ST
City,State,Zip: ARCATA, CA 95521

P58 **FEDEX GROUND PACKAGE SYSTEM INC** **RCRA-SQG 1016148130**
1385 8TH STREET **FINDS CAR000239731**
< 1/8 **ARCATA, CA 95521** **ECHO**
1 ft.

Site 1 of 3 in cluster P

Relative: **Lower**
Actual: **17 ft.**

RCRA-SQG:

Date Form Received by Agency:	20130514
Handler Name:	FEDEX GROUND PACKAGE SYSTEM INC
Handler Address:	1385 8TH STREET
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAR000239731
Contact Name:	GAYLYN FROSINI
Contact Address:	1000 FEDEX DRIVE
Contact City,State,Zip:	MOON TOWNSHIP, PA 15108
Contact Telephone:	412-262-7375
Contact Fax:	Not reported
Contact Email:	GAYLYN.FROSINI@FEDEX.COM
Contact Title:	ENV COMPLIANCE
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1000 FEDEX DRIVE
Mailing City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner Name:	FEDEX GROUND PACKAGE SYSTEM INC
Owner Type:	Private
Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148130**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20130705
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148130**

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U117
Waste Description: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: 20080604
Date Ended Current: Not reported
Owner/Operator Address: 1000 FEDEX DRIVE
Owner/Operator City,State,Zip: MOON TOWNSHIP, PA 15108
Owner/Operator Telephone: 412-262-7375
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148130**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
Legal Status:	Private
Date Became Current:	20080604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20130514
Handler Name:	FEDEX GROUND PACKAGE SYSTEM INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110055439985

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016148130
Registry ID:	110055439985

FEDEX GROUND PACKAGE SYSTEM INC (Continued) **1016148130**

DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055439985
Name:	FEDEX GROUND PACKAGE SYSTEM INC
Address:	1385 8TH STREET
City,State,Zip:	ARCATA, CA 95521

Q59 **AMERIGAS - ARCATA - DISTRICT #0330 - VENDOR #00001** **CHMIRS** **S100221782**
625 K ST **CUPA Listings** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 6 in cluster Q

Relative: **Lower**
Actual: **18 ft.**

CHMIRS:

Name:	Not reported
Address:	625 K STREET
City,State,Zip:	ARCATA, CA 95521-6137
OES Incident Number:	990008
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**07-MAR-88**
Property Use:	800
Agency Id Number:	12140
Agency Incident Number:	88-115
Time Notified:	115
Time Completed:	140
Surrounding Area:	099
Estimated Temperature:	40
Property Management:	P
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	JERE BUCK, ASST. FIRE CHIEF
Report Date:	07-MAR-88
Facility Telephone:	707 822-5984
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	07-MAR-88
Admin Agency:	Not reported

AMERIGAS - ARCATA - DISTRICT #0330 - VENDOR #0000119380 (Continued) **S100221782**

Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-89
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Y
Description:	Not reported

CUPA HUMBOLDT:

Name:	AMERIGAS - ARCATA - DISTRICT #0330 - VENDOR #0000119380
Address:	625 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000072
Facility Address 2:	Not reported
Program Identifier:	CUPA - Complex Facility
Program Element Code Desc:	5003 5003 - High Risk Facility
Permit Status:	(none)
CERS ID:	10019914
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0009124
District:	N - North
SIC Code:	(none)
Last Touched:	03/03/2021
Update By:	DADAMS
Contact Name:	Not reported
Day Phone:	Not reported
Latitude:	40.86773
Longitude:	-124.0907

Name:	AMERIGAS - ARCATA - DISTRICT #0330 - VENDOR #0000119380
Address:	625 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000072
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10019914
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001225
District:	N - North
SIC Code:	(none)

AMERIGAS - ARCATA - DISTRICT #0330 - VENDOR #0000119380 (Continued) **S100221782**

Last Touched:	03/03/2021
Update By:	DADAMS
Contact Name:	Not reported
Day Phone:	7078222188
Latitude:	40.86773
Longitude:	-124.0907

O60 **BRIZARD COMPANY** **LUST** **S103890435**
820 N STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 2 of 6 in cluster O

Relative: Lower

Actual: 18 ft.

LUST:

Name:	BRIZARD COMPANY
Address:	820 N STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300438
Global Id:	T0602300438
Latitude:	40.869931358372
Longitude:	-124.092876623875
Status:	Completed - Case Closed
Status Date:	07/10/2001
Case Worker:	ZZZ
RB Case Number:	1THU704
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12704
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300438
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300438
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300438
Action Type:	Other
Date:	03/02/1999
Action:	Leak Discovery

BRIZARD COMPANY (Continued) **S103890435**

Global Id: T0602300438
Action Type: Other
Date: 03/02/1999
Action: Leak Reported

Global Id: T0602300438
Action Type: RESPONSE
Date: 03/05/2001
Action: Other Report / Document

Global Id: T0602300438
Action Type: ENFORCEMENT
Date: 07/10/2001
Action: Closure/No Further Action Letter - #12704..RACC

Global Id: T0602300438
Action Type: Other
Date: 03/02/1999
Action: Leak Stopped

LUST:
Global Id: T0602300438
Status: Open - Case Begin Date
Status Date: 03/02/1999

Global Id: T0602300438
Status: Open - Site Assessment
Status Date: 05/07/1999

Global Id: T0602300438
Status: Open - Remediation
Status Date: 05/16/2001

Global Id: T0602300438
Status: Open - Site Assessment
Status Date: 05/16/2001

Global Id: T0602300438
Status: Open - Verification Monitoring
Status Date: 05/16/2001

Global Id: T0602300438
Status: Completed - Case Closed
Status Date: 07/10/2001

LUST REG 1:
Region: 1
Facility ID: 1THU633
Staff Initials: HUM

CORTESE:
Name: BRIZARD COMPANY
Address: 820 N STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE

BRIZARD COMPANY (Continued) **S103890435**

Envirostor Id:	Not reported
Global ID:	T0602300438
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BRIZARD COMPANY
edr_fadd1:	820 N
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU633

Q61 **ALL AROUND V-DUB** **RCRA NonGen / NLR** **1024822279**
1087 7TH ST **CAL000340163**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 6 in cluster Q

Relative: Higher
Actual: 19 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20090130
Handler Name:	ALL AROUND V-DUB	
Handler Address:		1087 7TH ST
Handler City,State,Zip:		ARCATA, CA 95521-6147
EPA ID:		CAL000340163
Contact Name:		JOSEPH MARSH
Contact Address:		7855 CAVES HWY.
Contact City,State,Zip:		CAVE JUNCTION, OR 97523
Contact Telephone:		707-822-2013
Contact Fax:		000-000-0000
Contact Email:		ALLAROUNDVDUB@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported

ALL AROUND V-DUB (Continued) **1024822279**

State District:	Not reported
Mailing Address:	NO LONGER IN BUSSINESS
Mailing City,State,Zip:	NO MORE COMPANY, OR 95521-6147
Owner Name:	JOSEPH P MARSH
Owner Type:	Other
Operator Name:	JOSEPH MARSH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

ALL AROUND V-DUB (Continued) **1024822279**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH MARSH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7855 CAVES HWY.
Owner/Operator City,State,Zip:	CAVE JUNCTION, OR 97523
Owner/Operator Telephone:	707-822-2013
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSEPH P MARSH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7855 CAVES HWY
Owner/Operator City,State,Zip:	CAVE JUNCTION, OR 97523-0000
Owner/Operator Telephone:	707-822-2013
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090130
Handler Name: ALL AROUND V-DUB	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

M62 **CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO** **RCRA NonGen / NLR** **1024841687**
1305 10TH ST **CAL000391517**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 5 in cluster M

Relative: **Higher**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20131121
Handler Name:	CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO
Handler Address:	1305 10TH ST
Handler City,State,Zip:	ARCATA, CA 95521-0000
EPA ID:	CAL000391517
Contact Name:	CHAD GRAMMER
Contact Address:	2761 SKYLINE DR
Contact City,State,Zip:	EUREKA, CA 95503
Contact Telephone:	707-845-7189
Contact Fax:	707-822-4685
Contact Email:	NORTHBAYAUTO707@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2761 SKYLINE DR
Mailing City,State,Zip:	EUREKA, CA 95503
Owner Name:	CHAD'S AUTOMOTIVE REPAIR SERV INC
Owner Type:	Other
Operator Name:	CHAD GRAMMER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **1024841687**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHAD'S AUTOMOTIVE REPAIR SERV INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2761 SKYLINE DR
Owner/Operator City,State,Zip:	EUREKA, CA 95503
Owner/Operator Telephone:	707-845-7189
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHAD GRAMMER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2761 SKYLINE DR
Owner/Operator City,State,Zip:	EUREKA, CA 95503
Owner/Operator Telephone:	707-845-7189
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO (Continued) **1024841687**

Historic Generators:
Receive Date: 20131121
Handler Name: CHAD'S AUTOMOTIVE REPAIR SERV INC NORTH BAY AUTO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M63 **ARCATA BEKIN MOVING & STORAGE** **SWEEPS UST** **S106922753**
1191 9TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 5 in cluster M

Relative: Higher
Actual: 19 ft.

SWEEPS UST:
Name: ARCATA BEKIN MOVING & STORAGE
Address: 1191 9TH ST
City: ARCATA
Status: Not reported
Comp Number: 1756
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-001756-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: REGULAR UNLE
Number Of Tanks: 1

Q64 **LORENZO SERVICE CENTER** **HIST UST** **S118412452**
660 K STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 6 in cluster Q

Relative: HIST UST:
Lower

Actual: Name:	LORENZO SERVICE CENTER
18 ft. Address:	660 K STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025E85
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025E85.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

Q65 **LORENZO SERVICE CENTER** **SWEEPS UST** **S101627561**
660 K ST **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 6 in cluster Q

Relative: SWEEPS UST:
Lower

Actual: Name:	LORENZO SERVICE CENTER
18 ft. Address:	660 K ST
City:	ARCATA
Status:	Not reported
Comp Number:	28779
Number:	Not reported
Board Of Equalization:	44-005020
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-028779-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	1

LORENZO SERVICE CENTER (Continued) **S101627561**

CA FID UST:

Facility ID:	12001028
Regulated By:	UTNKI
Regulated ID:	00028779
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	3106 LOWELL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

Q66 **LORENZO SERVICE CENTER** **HIST UST** **U001611473**
660 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 6 in cluster Q

Relative: HIST UST:
Lower

Actual:
18 ft.

Name:	LORENZO SERVICE CENTER
Address:	660 K ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000028779
Facility Type:	Other
Other Type:	AUTO REPAIR
Contact Name:	Not reported
Telephone:	7078226004
Owner Name:	H. AUSTIN MAYO
Owner Address:	3106 LOWELL ST.
Owner City,St,Zip:	EUREKA, CA 95501
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

R67 **ARCATA 7TH STREET LLP** **RCRA NonGen / NLR** **1026168991**
668 J STREET **CAC003069039**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 2 in cluster R

Relative: **Higher**

Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200602
Handler Name:	ARCATA 7TH STREET LLP	
Handler Address:		668 J STREET
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAC003069039
Contact Name:		CHRIS DART
Contact Address:		5251 ERICSON WAY
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-9000
Contact Fax:		Not reported
Contact Email:		CDART@DANCO-GROUP.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5251 ERICSON WAY
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		ARCATA 7TH STREET LLP
Owner Type:		Other
Operator Name:		CHRIS DART
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ARCATA 7TH STREET LLP (Continued) **1026168991**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200608
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCATA 7TH STREET LLP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS DART
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ARCATA 7TH STREET LLP (Continued) **1026168991**

Historic Generators:
Receive Date: 20200602
Handler Name: ARCATA 7TH STREET LLP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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68 **PG AND E HYDROTEST T 236 14** **RCRA NonGen / NLR** **1025881653**
L STREET AND 7TH STREET **CAP000249326**
< 1/8 **ARCATA, CA 95521**
1 ft.

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20140916
Handler Name: PG AND E HYDROTEST T 236 14
Handler Address: L STREET AND 7TH STREET
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAP000249326
Contact Name: ZANTHA STATELER
Contact Address: 6111 BOLLINGER CANYON RD
Contact City,State,Zip: SAN RAMON, CA 94583
Contact Telephone: 925-597-7321
Contact Fax: Not reported
Contact Email: ZXS8@PGE.COM
Contact Title: PG AND E ENV FIELD SPEC
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 6111 BOLLINGER CANYON RD
Mailing City,State,Zip: SAN RAMON, CA 94583
Owner Name: PACIFIC GAS AND ELECTRIC CO
Owner Type: Private

PG AND E HYDROTEST T 236 14 (Continued) **1025881653**

Operator Name:	PACIFIC GAS AND ELECTRIC CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141215
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PG AND E HYDROTEST T 236 14 (Continued) **1025881653**

Hazardous Waste Summary:
Waste Code: D004
Waste Description: ARSENIC

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PACIFIC GAS AND ELECTRIC CO
Legal Status: Private
Date Became Current: 19090101
Date Ended Current: Not reported
Owner/Operator Address: 77 BEALE ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94105
Owner/Operator Telephone: 925-459-6961
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PACIFIC GAS AND ELECTRIC CO
Legal Status: Private
Date Became Current: 19090101
Date Ended Current: Not reported
Owner/Operator Address: 77 BEALE ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94105
Owner/Operator Telephone: 925-459-6961
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PACIFIC GAS AND ELECTRIC CO
Legal Status: Private
Date Became Current: 19090101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PACIFIC GAS AND ELECTRIC CO
Legal Status: Private
Date Became Current: 19090101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140916
Handler Name: PG AND E HYDROTEST T 236 14

PG AND E HYDROTEST T 236 14 (Continued) **1025881653**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140916
Handler Name:	PG AND E HYDROTEST T 236 14
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48621
NAICS Description:	PIPELINE TRANSPORTATION OF NATURAL GAS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

M69 **NORTH BAY AUTOMOTIVE** **CERS HAZ WASTE** **S123102833**
1305 10TH ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 5 in cluster M

Relative: Higher
Actual: 20 ft.

CERS HAZ WASTE:

Name:	NORTH BAY AUTOMOTIVE
Address:	1305 10TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	52460
CERS ID:	10483480
CERS Description:	Hazardous Waste Generator

CERS:

Name:	NORTH BAY AUTOMOTIVE
Address:	1305 10TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	52460
CERS ID:	10483480
CERS Description:	Chemical Storage Facilities

NORTH BAY AUTOMOTIVE (Continued) **S123102833**

Violations:

Site ID:	52460
Site Name:	North Bay Automotive
Violation Date:	05-07-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/17/2015. OBSERVATION: Annual training documentation for all applicable employees was not conducted. CORRECTIVE ACTION: Submit a training sign in sheet to the CUPA within 30 days demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

NORTH BAY AUTOMOTIVE (Continued) **S123102833**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Emergency response procedures and haz mat handling training on 5/9/17 and spill cleanup training on 6/15/16.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014

NORTH BAY AUTOMOTIVE (Continued) **S123102833**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility EPA ID number is CAL000391517
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 52460
Site Name: North Bay Automotive
Site Address: 1305 10TH ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 05-07-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 52460
Facility Name: North Bay Automotive
Env Int Type Code: HWG
Program ID: 10483480
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.870970
Longitude: -124.091790

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: North Bay Automotive
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Chad Grammer
Entity Title: Not reported
Affiliation Address: 1305 10th St
Affiliation City: Arcata

NORTH BAY AUTOMOTIVE (Continued) **S123102833**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1305 10th st
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Wendi Grammer
Entity Title:	secretary
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Chad Grammer
Entity Title:	Not reported
Affiliation Address:	1305 10th St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-2100,
Affiliation Type Desc:	Property Owner
Entity Name:	Chad Grammer
Entity Title:	Not reported
Affiliation Address:	1305 10th St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-2100,
Affiliation Type Desc:	Document Preparer
Entity Name:	Wendi Grammer

NORTH BAY AUTOMOTIVE (Continued) **S123102833**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Chad Grammer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-2100,

O70 **ARCATA COMMUNITY RECYCLING CEN** **CA FID UST** **S101627534**
1380 009TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 6 in cluster O

Relative: **Lower**
Actual: **18 ft.**

CA FID UST:

Facility ID:	12001283
Regulated By:	UTNKI
Regulated ID:	00028776
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

M71 **ARCATA MOVING AND STORAGE** **LUST** **S100272091**
1191 NINTH STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 5 of 5 in cluster M

Relative: **Higher**
Actual: **19 ft.**

LUST:

Name:	ARCATA MOVING AND STORAGE
Address:	1191 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site

ARCATA MOVING AND STORAGE (Continued) **S100272091**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300294
Global Id:	T0602300294
Latitude:	40.8697642275547
Longitude:	-124.090533400803
Status:	Completed - Case Closed
Status Date:	02/06/2002
Case Worker:	ZZZ
RB Case Number:	1THU389
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12389
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300294
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300294
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300294
Action Type:	Other
Date:	12/04/1991
Action:	Leak Discovery

Global Id:	T0602300294
Action Type:	ENFORCEMENT
Date:	12/12/1991
Action:	* Historical Enforcement

Global Id:	T0602300294
Action Type:	Other
Date:	12/04/1991
Action:	Leak Reported

Global Id:	T0602300294
Action Type:	RESPONSE
Date:	12/07/2001
Action:	Request for Closure

Global Id:	T0602300294
Action Type:	ENFORCEMENT

ARCATA MOVING AND STORAGE (Continued) **S100272091**

Date: 02/06/2003
Action: Closure/No Further Action Letter - #12389.RACC

Global Id: T0602300294
Action Type: Other
Date: 12/04/1991
Action: Leak Stopped

LUST:
Global Id: T0602300294
Status: Open - Case Begin Date
Status Date: 12/04/1991

Global Id: T0602300294
Status: Open - Site Assessment
Status Date: 12/12/1991

Global Id: T0602300294
Status: Open - Site Assessment
Status Date: 03/09/1992

Global Id: T0602300294
Status: Completed - Case Closed
Status Date: 02/06/2002

LUST REG 1:
Region: 1
Facility ID: 1THU389
Staff Initials: HUM

CORTESE:
Name: ARCATA MOVING AND STORAGE
Address: 1191 NINTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300294
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

ARCATA MOVING AND STORAGE (Continued) **S100272091**

HIST CORTESE:
edr_fname: ARCATA MOVING AND STORAGE
edr_fadd1: 1191 9TH
City,State,Zip: ARCATA, CA
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU389

L72 **CALIF CENTRAL CREAMERY BUILDING** **CPS-SLIC** **S105051064**
L & EIGHTH STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 7 in cluster L

Relative: Higher
Actual: 20 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NHU292
Staff Initials: KSA

CPS-SLIC:
Name: CALIF CENTRAL CREAMERY BUILDING
Address: L & EIGHTH STREET
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/16/2003
Global Id: T0602393228
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.8692
Longitude: -124.0911
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: HUMBOLDT COUNTY LOP
RB Case Number: 1NHU292
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

O73 **ARVATA COMMUNITY RECYCLING CEN** **LUST** **U000069517**
1380 NINTH STREET **CPS-SLIC** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST UST**
1 ft. **Cortese**
Notify 65

Site 4 of 6 in cluster O

Relative: Higher
Actual: 19 ft.

LUST:
Name: ARCATA COMMUNITY RECYCLING CENTER
Address: 1380 NINTH STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300054
Global Id:	T0602300054
Latitude:	40.87050126715
Longitude:	-124.092285291772
Status:	Completed - Case Closed
Status Date:	08/02/2010
Case Worker:	ZZZ
RB Case Number:	1THU060
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12060
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel, Gasoline, * Petroleum - Waste Oil
Site History:	Excavation has been concurred with (5/2010)

LUST:

Global Id:	T0602300054
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300054
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300054
Action Type:	ENFORCEMENT
Date:	06/24/2010
Action:	Notification - Public Participation Document

Global Id:	T0602300054
Action Type:	ENFORCEMENT
Date:	08/02/2010
Action:	Closure/No Further Action Letter

Global Id:	T0602300054
Action Type:	ENFORCEMENT
Date:	04/23/2004
Action:	File review

Global Id:	T0602300054
Action Type:	ENFORCEMENT
Date:	04/08/2005
Action:	Notice of Responsibility

Global Id:	T0602300054
Action Type:	ENFORCEMENT

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Date: 10/26/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 04/07/2008
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 05/21/2008
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 01/04/2000
Action: * Historical Enforcement

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 04/20/2007
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 10/10/2008
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 12/16/2008
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 02/19/2009
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 07/10/2009
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 04/13/2010
Action: Staff Letter

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Global Id: T0602300054
Action Type: Other
Date: 10/04/1988
Action: Leak Discovery

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 03/23/2004
Action: * No Action

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 10/28/2003
Action: Meeting

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 12/10/2003
Action: Staff Letter

Global Id: T0602300054
Action Type: Other
Date: 10/04/1988
Action: Leak Reported

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 06/24/2010
Action: LOP Case Closure Summary to RB

Global Id: T0602300054
Action Type: ENFORCEMENT
Date: 06/24/2010
Action: Staff Letter

Global Id: T0602300054
Action Type: Other
Date: 10/04/1988
Action: Leak Stopped

LUST:
Global Id: T0602300054
Status: Open - Case Begin Date
Status Date: 02/07/1987

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 02/07/1987

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 10/04/1988

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 03/02/1995

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 03/06/1995

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 08/20/2002

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 10/24/2002

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 02/27/2003

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 03/04/2003

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 05/14/2003

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 10/28/2003

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 12/10/2003

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 03/23/2004

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 04/23/2004

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 11/13/2006

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 09/16/2007

Global Id: T0602300054
Status: Open - Site Assessment
Status Date: 10/26/2007

Global Id: T0602300054
Status: Completed - Case Closed
Status Date: 05/19/2010

Global Id: T0602300054

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Status: Open - Site Assessment
Status Date: 05/19/2010

Global Id: T0602300054
Status: Completed - Case Closed
Status Date: 08/02/2010

CPS-SLIC:
Name: ARCATA COMMUNITY RECYCLING / FORMER STANDARD OIL FACILITY
Address: 1380 NINTH STREET
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 12/23/2010
Global Id: T10000002709
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.870528
Longitude: -124.092514
Case Type: Cleanup Program Site
Case Worker: TNM
Local Agency: Not reported
RB Case Number: 1NHU060
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Diesel, Gasoline
Site History: The site is a former bulk petroleum storage facility that received, stored, and dispensed a wide variety of petroleum products between approximately 1921 and 1972. Historical releases ofpetroleum hydrocarbons have occurred impacting soil and groundwater. Soil and groundwater investigation activities have been completed at the site since 1987, with remedial soil excavation in October 2012.

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: ARVATA COMMUNITY RECYCLING CEN
Address: 1380 NINTH STREET
City,State,Zip: ARCATA, CA 95521
File Number: 00025F27
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025F27.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported

ARVATA COMMUNITY RECYCLING CEN (Continued) **U000069517**

Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CORTESE:

Name:	ARCATA COMMUNITY RECYCLING CENTER
Address:	1380 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300054
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

NOTIFY 65:

Name:	ARCATA COMMUNITY RECYCLING CTR
Address:	1380 NINTH STREET
City,State,Zip:	ARCATA, CA 93923
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

Q74 **ALL AROUND V-DUB** **CUPA Listings** **S125472041**
1087 7TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 6 in cluster Q

Relative: CUPA HUMBOLDT:
Higher

Actual:
19 ft.

Name:	ALL AROUND V-DUB
Address:	1087 7TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000054
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10330567
Facility Status:	05 - CLOSED
Record ID:	PR0001877
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Joseph Marsh
Day Phone:	7078222013
Latitude:	40.86800
Longitude:	-124.0903

N75 **BLAZE FIREWOOD** **CUPA Listings** **S126009262**
1220 5TH ST # B **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 8 in cluster N

Relative: CUPA HUMBOLDT:
Lower

Actual:
15 ft.

Name:	BLAZE FIREWOOD
Address:	1220 5TH ST # B
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000303
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0002598
District:	N - North
SIC Code:	2499 - Wood products, nec
Last Touched:	10/11/2014
Update By:	dsc\\errolallard
Contact Name:	Rick Harding
Day Phone:	7074961177
Latitude:	Not reported
Longitude:	Not reported

P76 **FEDEXGROUND - EUREKA** **CUPA Listings** **S113099866**
1385 8TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 3 in cluster P

Relative: **Lower**
Actual: **17 ft.**

CUPA HUMBOLDT:

Name:	FEDEXGROUND - EUREKA
Address:	1385 8TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0003606
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10454872
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007984
District:	N - North
SIC Code:	4215 - Courier services, except by air
Last Touched:	03/03/2021
Update By:	DADAMS
Contact Name:	Chris Costello
Day Phone:	7078226025
Latitude:	40.86948
Longitude:	-124.0929

N77 **HUMBOLDT WASTE MANAGEMENT AUTHORITY** **CPS-SLIC** **S105050936**
1220 FIFTH STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 8 in cluster N

Relative: **Lower**
Actual: **15 ft.**

SLIC REG 1:

Region:	1
Facility ID:	1NHU765
Staff Initials:	KSA

L78 **ARCATA TRANSMISSION SERVICE** **EDR Hist Auto** **1020276534**
801 K STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 7 in cluster L

Relative: **Higher**
Actual: **20 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1970	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1971	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1972	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1973	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1974	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1975	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1976	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1977	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1979	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1980	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC

ARCATA TRANSMISSION SERVICE (Continued) **1020276534**

1982	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1983	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1985	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1986	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1987	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1988	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1989	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1990	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1991	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1992	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1993	ARCATA TRANSMISSION SERVICE	Automotive Repair Shops, NEC
1994	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
1995	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
1996	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
1997	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
1998	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
1999	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2000	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2001	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2002	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2003	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2004	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2005	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2006	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2007	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2008	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2009	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2010	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2011	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2012	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2013	ARCATA TRANSMISSION	Automotive Transmission Repair Shops
2014	ARCATA TRANSMISSION	Automotive Transmission Repair Shops

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O79 **ARCATA COMMUNITY RECYCLIN** **LUST S104163356**
1380 9TH **HIST CORTESE N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 6 in cluster O

Relative: Higher
Actual: 19 ft.

LUST REG 1:
Region: 1
Facility ID: 1THU060
Staff Initials: HUM

HIST CORTESE:
edr_fname: ARCATA COMMUNITY RECYCLIN
edr_fadd1: 1380 9TH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU060

L80 **ARCATA TRANSMISSION** **RCRA NonGen / NLR** **1024795988**
801 K ST **CAL000171852**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 7 in cluster L

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		19980113
Handler Name:	ARCATA TRANSMISSION	
Handler Address:		801 K ST
Handler City,State,Zip:		ARCATA, CA 95521-6140
EPA ID:		CAL000171852
Contact Name:		RAY RAPP/PARTNER
Contact Address:		801 K ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-4522
Contact Fax:		707-822-4417
Contact Email:		ARCTRANS98@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		801 K ST
Mailing City,State,Zip:		ARCATA, CA 95521-6140
Owner Name:		RAY RAPP, RANDY FRINT
Owner Type:		Other
Operator Name:		RAY RAPP/PARTNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Actual:
20 ft.

ARCATA TRANSMISSION (Continued) **1024795988**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAY RAPP/PARTNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-4522
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAY RAPP, RANDY FRINT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-6140
Owner/Operator Telephone:	707-822-4522
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ARCATA TRANSMISSION (Continued) **1024795988**

Historic Generators:
- Receive Date: 19980113
- Handler Name: ARCATA TRANSMISSION
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

O81 **ARCATA COMMUNITY RECYCLING CEN** **SWEEPS UST** **U001611397**
1380 9TH ST **HIST UST** **N/A**
< 1/8 **ARCATA, CA 95521** **CUPA Listings**
1 ft. **HAZNET**
Site 6 of 6 in cluster O **HWTS**

Relative: Higher
Actual: 19 ft.

SWEEPS UST:
- Name: ARCATA COMMUNITY RECYCLING CEN
- Address: 1380 9TH ST
- City: ARCATA
- Status: Not reported
- Comp Number: 28776
- Number: Not reported
- Board Of Equalization: 44-005019
- Referral Date: Not reported
- Action Date: Not reported
- Created Date: Not reported
- Owner Tank Id: Not reported
- SWRCB Tank Id: 12-000-028776-000001
- Tank Status: Not reported
- Capacity: 500
- Active Date: Not reported
- Tank Use: OIL
- STG: WASTE
- Content: WASTE OIL
- Number Of Tanks: 1

HIST UST:
- Name: ARCATA COMMUNITY RECYCLING CEN
- Address: 1380 9TH ST

ARCATA COMMUNITY RECYCLING CEN (Continued) **U001611397**

City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000028776
Facility Type:	Other
Other Type:	RECYCLING CENTER
Contact Name:	KATE KREBS, DIRECTOR
Telephone:	7078228512
Owner Name:	JAMES F. FRANKE
Owner Address:	P O BOX 370
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

CUPA HUMBOLDT:

Name:	ARCATA COMMUNITY RECYCLING CENTER
Address:	1380 9TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000105
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10020130
Facility Status:	05 - CLOSED
Record ID:	PR0004926
District:	N - North
SIC Code:	5093 - Scrap and waste materials
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Not reported
Day Phone:	7078224321
Latitude:	40.87072
Longitude:	-124.0925
Name:	ARCATA COMMUNITY RECYCLING CENTER
Address:	1380 9TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000105
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10020130
Facility Status:	05 - CLOSED
Record ID:	PR0001265
District:	N - North
SIC Code:	5093 - Scrap and waste materials

ARCATA COMMUNITY RECYCLING CEN (Continued) **U001611397**

Last Touched: 04/12/2019
Update By: dba
Contact Name: Mark Loughmiller
Day Phone: 7078224321
Latitude: 40.87072
Longitude: -124.0925

HAZNET:
Name: CHEVRON 206128
Address: 1380 9TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 95521
Contact: JOCKO RODRIGUEZ
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Year: 2016
Gepaid: CAP000263459
TSD EPA ID: CAD008302903
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.417

HWTS:
Name: CHEVRON 206128
Address: 1380 9TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 95521
EPA ID: CAP000263459
Inactive Date: 10/10/2016
Create Date: 06/10/2016
Last Act Date: 10/10/2016
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830904
Owner Name: CHEVRON INC
Owner Address: PO BOX 6004
Owner Address 2: Not reported
Owner City,State,Zip: SAN RAMON, CA 945830904
Contact Name: JOCKO RODRIGUEZ
Contact Address: PO BOX 6004
Contact Address 2: Not reported
City,State,Zip: SAN RAMON, CA 945830904

N82 **BEAVER LUMBER COMPANY OF ARCATA** **ENVIROSTOR** **S102808640**
1220 5TH STREET **CUPA Listings** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 7 of 8 in cluster N

Relative: Lower
Actual: 15 ft.

ENVIROSTOR:

Name:	BEAVER LUMBER COMPANY OF ARCATA
Address:	1220 5TH STREET
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12240117
Status:	Refer: RWQCB
Status Date:	09/27/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	02
Senate:	02
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	40.86725
Longitude:	-124.0925
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Polychlorinated biphenyls (PCBs
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	ARCATA REDWOOD
Alias Type:	Alternate Name
Alias Name:	12240117
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/17/1988
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CUPA HUMBOLDT:

BEAVER LUMBER COMPANY OF ARCATA (Continued) **S102808640**

Name:	WING INFLATABLES, INC.
Address:	1220 5TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0003676
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10021312
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008302
District:	N - North
SIC Code:	3999 - Manufacturing industries, nec
Last Touched:	05/21/2021
Update By:	DADAMS
Contact Name:	Mike Dunaway
Day Phone:	7078262887
Latitude:	40.86682
Longitude:	-124.0921

Name:	WING INFLATABLES, INC.
Address:	1220 5TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0003676
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10021312
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001255
District:	N - North
SIC Code:	3999 - Manufacturing industries, nec
Last Touched:	05/21/2021
Update By:	DADAMS
Contact Name:	Mike Dunaway
Day Phone:	7078262887
Latitude:	40.86682
Longitude:	-124.0921

HIST CORTESE:

edr_fname:	BEAVER LUMBER CO. OF ARCA
edr_fadd1:	1220 5TH
City,State,Zip:	ARCATA, CA
Region:	CORTESE
Facility County Code:	12
Reg By:	WBC&D
Reg Id:	1B870070NSL

N83 **BEAVER LUMBER COMPANY** **CPS-SLIC** **S105050914**
1220 FIFTH STREET **ENF** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 8 of 8 in cluster N

Relative:
Lower

Actual:
15 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NHU001
Staff Initials: KSA

CPS-SLIC:

Name:	BEAVER LUMBER COMPANY
Address:	1220 FIFTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/03/2007
Global Id:	T0602393109
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8667832080243
Longitude:	-124.092481389688
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU001
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Insecticides / Pesticide / Fumigants / Herbicides, Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	HUMBOLDT WASTE MANAGEMENT AUTHORITY
Address:	1220 FIFTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	230871
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.866717
Place Longitude:	-124.091736
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

BEAVER LUMBER COMPANY (Continued) **S105050914**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	227291
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	07/05/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/05/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU765NSL Humboldt Waste Management Authority
Description:	ROWD, FORM 200 & FILING FEE DUE 4/1/99 - NOT RECEIVED.

BEAVER LUMBER COMPANY (Continued) **S105050914**

Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	HUMBOLDT WASTE MANAGEMENT AUTHORITY
Address:	1220 FIFTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	230871
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.866717
Place Longitude:	-124.091736
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

BEAVER LUMBER COMPANY (Continued) **S105050914**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	226836
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	09/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/29/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU765NSL Humboldt Waste Management Authority
Description:	SOIL PILE WITH NO PERMIT-NEEDS TO BE MOVED TO A PERMITTED FACILITY
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

P84 **FEDEXGROUND - EUREKA** **CERS HAZ WASTE** **S123103391**
1385 8TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 3 in cluster P

Relative: CERS HAZ WASTE:
Lower

Name:	FEDEXGROUND - EUREKA
Address:	1385 8TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	29948
CERS ID:	10454872
CERS Description:	Hazardous Waste Generator

Actual:
17 ft.

FEDEXGROUND - EUREKA (Continued) **S123103391**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-16-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Please add zero’s on EPA ID number when completing labels. EPA ID CAR000237971
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-29-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-07-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-24-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	29948
Facility Name:	FedExGround - Eureka
Env Int Type Code:	HWG
Program ID:	10454872
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	40.869500
Longitude:	-124.093110

FEDEXGROUND - EUREKA (Continued) **S123103391**

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Legal Owner
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	15108
Affiliation Phone:	(412) 262-6291,

Affiliation Type Desc:	Operator
Entity Name:	FedEx Ground
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(412) 262-6291,

Affiliation Type Desc:	Document Preparer
Entity Name:	Hazel Roberts, Blymyer Engineers, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Affairs
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	15108
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Debra Gehm
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Affairs
Affiliation City:	Moon Township
Affiliation State:	PA

FEDEXGROUND - EUREKA (Continued) **S123103391**

Affiliation Country: Not reported
Affiliation Zip: 15108
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Debra Gehm
Entity Title: Senior Environmental Compliance Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: FedEx Ground Package System, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

L85 **APEX AUTO** **CUPA Listings** **S103950525**
801 1/2 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 7 in cluster L

Relative: CUPA HUMBOLDT:
Higher
Name: APEX AUTO
Actual: Address: 801 1/2 K ST
20 ft. City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000138
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10020043
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0007186
District: N - North
SIC Code: 7530 - Automotive Repair Shops
Last Touched: 04/30/2021
Update By: JGONZALEZ
Contact Name: Aaron Reel
Day Phone: 7078406200
Latitude: 40.86899
Longitude: -124.0902

Name: APEX AUTO
Address: 801 1/2 K ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000138
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP

APEX AUTO (Continued) **S103950525**

Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020043
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001245
District:	N - North
SIC Code:	7530 - Automotive Repair Shops
Last Touched:	04/30/2021
Update By:	JGONZALEZ
Contact Name:	Aaron Reel
Day Phone:	7078406200
Latitude:	40.86899
Longitude:	-124.0902

S86 **KENS AUTO PARTS** **LUST** **S105693573**
480 G STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 10 in cluster S

Relative: **Lower**
Actual: **17 ft.**

LUST:

Name:	KENS AUTO PARTS
Address:	480 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602345288
Global Id:	T0602345288
Latitude:	40.8655074050826
Longitude:	-124.086905891685
Status:	Completed - Case Closed
Status Date:	03/03/2005
Case Worker:	ZZZ
RB Case Number:	1THU795
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12795
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602345288
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602345288
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported

KENS AUTO PARTS (Continued) **S105693573**

Phone Number: Not reported

LUST:

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 01/18/2005
Action: Notification - Preclosure

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 01/18/2005
Action: LOP Case Closure Summary to RB

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 03/03/2005
Action: Closure/No Further Action Letter

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 04/29/2003
Action: Warning Letter

Global Id: T0602345288
Action Type: Other
Date: 10/24/2002
Action: Leak Discovery

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 10/24/2002
Action: Staff Letter - #01

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Staff Letter

Global Id: T0602345288
Action Type: Other
Date: 10/24/2002
Action: Leak Reported

Global Id: T0602345288
Action Type: RESPONSE
Date: 12/20/2002
Action: Soil and Water Investigation Workplan

Global Id: T0602345288
Action Type: RESPONSE
Date: 12/21/2004
Action: Request for Closure

Global Id: T0602345288
Action Type: ENFORCEMENT
Date: 03/02/2005
Action: Closure Summary - #12795.CCS

KENS AUTO PARTS (Continued) **S105693573**

Global Id: T0602345288
Action Type: Other
Date: 10/24/2002
Action: Leak Stopped

LUST:
Global Id: T0602345288
Status: Open - Case Begin Date
Status Date: 10/24/2002

Global Id: T0602345288
Status: Open - Site Assessment
Status Date: 10/24/2002

Global Id: T0602345288
Status: Open - Site Assessment
Status Date: 06/12/2003

Global Id: T0602345288
Status: Open - Site Assessment
Status Date: 06/30/2003

Global Id: T0602345288
Status: Open - Site Assessment
Status Date: 08/06/2004

Global Id: T0602345288
Status: Open - Site Assessment
Status Date: 12/21/2004

Global Id: T0602345288
Status: Completed - Case Closed
Status Date: 03/03/2005

CORTESE:
Name: KENS AUTO PARTS
Address: 480 G STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602345288
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

KENS AUTO PARTS (Continued) **S105693573**

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

S87 **DEANS CHEVRON** **EDR Hist Auto** **1021074346**
698 SAMOA BLVD **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 10 in cluster S

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
16 ft. 1983 DEANS CHEVRON Gasoline Service Stations
1985 DEANS CHEVRON Gasoline Service Stations

T88 **SVDP THRIFT STORE, FORMER** **LUST** **S118154616**
513 K STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 8 in cluster T

Relative: LUST:
Lower

Actual:
17 ft.

Name:	SVDP THRIFT STORE, FORMER
Address:	513 K STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000007194
Global Id:	T10000007194
Latitude:	40.866835395721
Longitude:	-124.090884635582
Status:	Completed - Case Closed
Status Date:	05/24/2016
Case Worker:	ZZZ
RB Case Number:	1THU1002
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	121002
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T10000007194
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T10000007194
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE

SVDP THRIFT STORE, FORMER (Continued) **S118154616**

Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 09/11/2015
Action: Staff Letter

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 03/02/2016
Action: Other Report

Global Id: T10000007194
Action Type: Other
Date: 07/24/2015
Action: Leak Reported

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 07/24/2015
Action: Notice of Responsibility - #121002.NOR

Global Id: T10000007194
Action Type: RESPONSE
Date: 09/17/2015
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000007194
Action Type: RESPONSE
Date: 02/11/2016
Action: Request for Closure - Regulator Responded

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 08/25/2015
Action: Notice of Responsibility - #121002.NOR2

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 07/24/2015
Action: Staff Letter - #12002.001

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 07/24/2015
Action: Staff Letter - #121002.001

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 05/24/2016
Action: Closure/No Further Action Letter

SVDP THRIFT STORE, FORMER (Continued) **S118154616**

Global Id: T10000007194
Action Type: Other
Date: 01/01/1982
Action: Leak Began

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 09/30/2015
Action: Staff Letter

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 03/18/2016
Action: Notification - Public Participation Document

Global Id: T10000007194
Action Type: ENFORCEMENT
Date: 03/18/2016
Action: Staff Letter

Global Id: T10000007194
Action Type: Other
Date: 07/15/2015
Action: Leak Stopped

Global Id: T10000007194
Action Type: Other
Date: 07/15/2015
Action: Leak Discovery

LUST:
Global Id: T10000007194
Status: Open - Case Begin Date
Status Date: 01/01/1982

Global Id: T10000007194
Status: Open - Site Assessment
Status Date: 07/24/2015

Global Id: T10000007194
Status: Open - Eligible for Closure
Status Date: 03/22/2016

Global Id: T10000007194
Status: Completed - Case Closed
Status Date: 05/24/2016

CORTESE:
Name: SVDP THRIFT STORE, FORMER
Address: 513 K STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000007194
Site/Facility Type: LUST CLEANUP SITE

SVDP THRIFT STORE, FORMER (Continued) **S118154616**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

U89 **GAS N SAVE AT ARCATA** **HIST UST** **U001611439**
421 J ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 1 of 20 in cluster U

Relative: HIST UST:
Lower

Actual: Name:	GAS N SAVE AT ARCATA
15 ft. Address:	421 J ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000067514
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CAL BOLLEY
Telephone:	8017723373
Owner Name:	GAS N SAVE, A JOINT VENTURE
Owner Address:	P.O. BOX 345
Owner City,St,Zip:	SPRINGDALE, UT 84767
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	2
Container Construction Thickness:	X
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

GAS N SAVE AT ARCATA (Continued) **U001611439**

Tank Num:	003
Container Num:	3
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

V90 **PERKINS BODY SHOP** **CERS HAZ WASTE** **S123538571**
497 I ST **CUPA Listings** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
1 ft.

Site 1 of 5 in cluster V

Relative: Lower
Actual: 15 ft.

CERS HAZ WASTE:

Name:	PERKINS BODY SHOP
Address:	497 I ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	95992
CERS ID:	10330675
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-06-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-19-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	clean shop, not enough still bottoms generated since last inspection to remove from the cooker and dispose of.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-04-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-26-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health

PERKINS BODY SHOP (Continued) **S123538571**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Closing inspection, new business took over with same business activities
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 95992
Facility Name: Perkins Body Shop
Env Int Type Code: HWG
Program ID: 10330675
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.866020
Longitude: -124.089440

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 497 I street
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Trampas Perkins
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Trampas Perkins

PERKINS BODY SHOP (Continued) **S123538571**

Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Trampas Perkins
Entity Title: Not reported
Affiliation Address: 2375 Meadow Ct
Affiliation City: McKinleyville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95519
Affiliation Phone: (707) 497-4629,

Affiliation Type Desc: Operator
Entity Name: Perkins Body Shop
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 497-4629,

Affiliation Type Desc: Environmental Contact
Entity Name: Trisha Perkins
Entity Title: Not reported
Affiliation Address: 2375 Meadow Ct
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95519
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Perkins Body Shop
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

CUPA HUMBOLDT:
Name: PERKINS BODY SHOP
Address: 497 I ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000193
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)

PERKINS BODY SHOP (Continued) **S123538571**

Permit Status:	01 - Active
CERS ID:	10330675
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001545
District:	N - North
SIC Code:	7532 - Top & body repair & paint shops
Last Touched:	08/12/2019
Update By:	JGONZALEZ
Contact Name:	Leana Perkins
Day Phone:	7074960466
Latitude:	40.86593
Longitude:	-124.0891

HWTS:

Name:	PERKINS BODY SHOP
Address:	497 I ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAL000441961
Inactive Date:	06/30/2020
Create Date:	12/19/2018
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	497 I ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	TRAMPAS PERKINS
Owner Address:	2375 MEADOW CT
Owner Address 2:	Not reported
Owner City,State,Zip:	MCKINLEYVILLE, CA 95519
Contact Name:	TRAMPAS PERKINS
Contact Address:	2375 MEADOW CT
Contact Address 2:	Not reported
City,State,Zip:	MCKINLEYVILLE, CA 95519

NAICS:

EPA ID:	CAL000441961
Create Date:	2018-12-19 12:57:16.857
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2018-12-19 12:57:16.84000
Inactive Date:	2020-06-30 00:00:00
Facility Name:	PERKINS BODY SHOP
Facility Address:	497 I ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95521

U91 **CASH OIL OF ARCATA** **EDR Hist Auto** **1020950635**
421 J ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 20 in cluster U

Relative: EDR Hist Auto
Lower

Actual:
15 ft.

Year:	Name:	Type:
2005	CASH OIL OF ARCATA	Gasoline Service Stations
2006	CASH OIL OF ARCATA	Gasoline Service Stations
2007	CASH OIL OF ARCATA	Gasoline Service Stations
2008	CASH OIL OF ARCATA	Gasoline Service Stations
2009	CASH OIL OF ARCATA	Gasoline Service Stations
2010	CASH OIL OF ARCATA	Gasoline Service Stations
2011	CASH OIL OF ARCATA	Gasoline Service Stations
2012	CASH OIL OF ARCATA	Gasoline Service Stations
2013	CASH OIL OF ARCATA	Gasoline Service Stations
2014	CASH OIL OF ARCATA	Gasoline Service Stations

T92 **REDWOOD AUTOMOTIVE** **CUPA Listings** **S113169090**
513 J ST **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
1 ft.

Site 2 of 8 in cluster T

Relative: CUPA HUMBOLDT:
Lower

Actual:
16 ft.

Name:	REDWOOD AUTOMOTIVE
Address:	513 J ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002608
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10021309
Facility Status:	05 - CLOSED
Record ID:	PR0001595
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Samuel Ellsworth
Day Phone:	7078223770
Latitude:	40.86673
Longitude:	-124.0900

Name:	REDWOOD AUTOMOTIVE
Address:	513 J ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002608
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10021309
Facility Status:	05 - CLOSED
Record ID:	PR0004838
District:	N - North
SIC Code:	7538 - General automotive repair shops

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Last Touched: 04/12/2019
Update By: dba
Contact Name: Samuel Ellsworth
Day Phone: 7078223770
Latitude: 40.86673
Longitude: -124.0900

HAZNET:
Name: REDWOOD AUTOMOTIVE
Address: 513 J ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955216126
Contact: SAMUEL ELLSWORTH
Telephone: 7078223770
Mailing Name: Not reported
Mailing Address: 513 J ST

Year: 2017
Gepaid: CAL930325394
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03336

Year: 2016
Gepaid: CAL930325394
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.08757

Year: 2015
Gepaid: CAL930325394
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12927

Year: 2014
Gepaid: CAL930325394
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.13344

Year: 2013
Gepaid: CAL930325394
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.13344

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Year:	2012
Gepaid:	CAL930325394
TSD EPA ID:	CA0000084517
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.20016
Year:	2011
Gepaid:	CAL930325394
TSD EPA ID:	CA0000084517
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.23352
Year:	1994
Gepaid:	CAL930325394
TSD EPA ID:	CAT000613943
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.0834

Additional Info:

Year:	2016
Gen EPA ID:	CAL930325394
Shipment Date:	20151110
Creation Date:	1/21/2016 22:15:39
Receipt Date:	20151118
Manifest ID:	005154412SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	10/1/2015 22:15:34
Receipt Date:	20150729
Manifest ID:	004948294SKS

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150402
Creation Date:	6/23/2015 22:15:30
Receipt Date:	20150408
Manifest ID:	004902891SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150107
Creation Date:	3/20/2015 22:14:55
Receipt Date:	20150114
Manifest ID:	004615126SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D039
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03336
Waste Quantity: 8
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL930325394

Shipment Date: 20121211
Creation Date: 2/15/2013 22:15:28
Receipt Date: 20121219
Manifest ID: 003447431SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D039
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03336
Waste Quantity: 8
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120918
Creation Date: 11/13/2012 22:15:06
Receipt Date: 20120926
Manifest ID: 003073202SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D039

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120724
Creation Date:	10/15/2012 22:15:30
Receipt Date:	20120727
Manifest ID:	003059878SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120530
Creation Date:	8/1/2012 22:15:18
Receipt Date:	20120606
Manifest ID:	002745733SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120404
Creation Date:	5/25/2012 20:30:28
Receipt Date:	20120411
Manifest ID:	002727497SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120208
Creation Date:	3/28/2012 20:30:25
Receipt Date:	20120215
Manifest ID:	003045082SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL930325394

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Shipment Date:	20151110
Creation Date:	1/21/2016 22:15:39
Receipt Date:	20151118
Manifest ID:	005154412SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150722
Creation Date:	10/1/2015 22:15:34
Receipt Date:	20150729
Manifest ID:	004948294SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150402
Creation Date:	6/23/2015 22:15:30
Receipt Date:	20150408
Manifest ID:	004902891SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150107
Creation Date:	3/20/2015 22:14:55
Receipt Date:	20150114
Manifest ID:	004615126SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL930325394

Shipment Date:	20170201
Creation Date:	3/27/2017 18:30:38
Receipt Date:	20170209
Manifest ID:	005768917SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRON SVCS INC
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC

REDWOOD AUTOMOTIVE (Continued) **S113169090**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL930325394
Shipment Date:	19940511
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940512
Manifest ID:	93429163
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL930325394
Shipment Date:	20111213
Creation Date:	3/13/2012 20:30:32
Receipt Date:	20111221
Manifest ID:	002767279SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	1/6/2012 18:30:33
Receipt Date:	20111026
Manifest ID:	002794382SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110825
Creation Date:	10/22/2011 18:30:26
Receipt Date:	20110831
Manifest ID:	002829649SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110629
Creation Date:	8/26/2011 18:30:36
Receipt Date:	20110706
Manifest ID:	004258519FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110504
Creation Date:	6/16/2011 18:30:32
Receipt Date:	20110511
Manifest ID:	004242291FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Additional Code 5:	Not reported
Shipment Date:	20110310
Creation Date:	4/27/2011 18:30:35
Receipt Date:	20110316
Manifest ID:	003696432FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL930325394
Shipment Date:	20141015
Creation Date:	12/31/2014 22:14:53
Receipt Date:	20141022
Manifest ID:	004659533SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140722

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Creation Date:	9/13/2014 22:15:20
Receipt Date:	20140725
Manifest ID:	004315027SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140429
Creation Date:	7/10/2014 22:15:07
Receipt Date:	20140507
Manifest ID:	004339138SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140205
Creation Date:	3/30/2014 22:15:09
Receipt Date:	20140212
Manifest ID:	004037042SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL930325394
Shipment Date:	20131113
Creation Date:	12/23/2013 22:15:20
Receipt Date:	20131120
Manifest ID:	004016725SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130820
Creation Date:	10/30/2013 22:15:08
Receipt Date:	20130823
Manifest ID:	003715184SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported

REDWOOD AUTOMOTIVE (Continued) **S113169090**

TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130529
Creation Date:	8/29/2013 22:15:07
Receipt Date:	20130606
Manifest ID:	003085798SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130306
Creation Date:	4/29/2013 22:15:20
Receipt Date:	20130313
Manifest ID:	003376206SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8

REDWOOD AUTOMOTIVE (Continued) **S113169090**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: REDWOOD AUTOMOTIVE
Address: 513 J ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955216126
EPA ID: CAL930325394
Inactive Date: 06/30/2015
Create Date: 02/01/1993
Last Act Date: 01/27/2016
Mailing Name: Not reported
Mailing Address: 513 J ST
Mailing Address 2: Not reported
Mailing City,State,Zip: ARCATA, CA 955216126
Owner Name: SAMUEL W ELLSWORTH
Owner Address: 513 J ST
Owner Address 2: Not reported
Owner City,State,Zip: ARCATA, CA 955216126
Contact Name: SAMUEL ELLSWORTH
Contact Address: 513 J ST
Contact Address 2: Not reported
City,State,Zip: ARCATA, CA 955216126

NAICS:
EPA ID: CAL930325394
Create Date: 2002-03-14 16:36:30.000
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 1993-02-01 00:00:00
Inactive Date: 2015-06-30 00:00:00
Facility Name: REDWOOD AUTOMOTIVE
Facility Address: 513 J ST
Facility Address 2: Not reported
Facility City: ARCATA
Facility County: Not reported
Facility State: CA
Facility Zip: 955216126

S93 **COAST OIL STATIONS OF ARCATA** **EDR Hist Auto** **1021038478**
437 G STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 10 in cluster S

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
16 ft. 1972 COAST OIL STATIONS OF ARCATA Gasoline Service Stations
1973 COAST OIL STATIONS OF ARCATA Gasoline Service Stations
1990 VAGLES UNIONTOWN TIRE SERVICE Auto And Home Supply Stores, NEC

S94 **VAGLE'S UNIONTOWN TIRE** **LUST** **S104025270**
437 G STREET **HAULERS** **N/A**
< 1/8 **ARCATA, CA 95521** **Cortese**
1 ft. **HIST CORTESE**

Site 4 of 10 in cluster S

Relative: Lower
Actual: 16 ft.

LUST:

Name:	VAGLE'S UNIONTOWN TIRE
Address:	437 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300501
Global Id:	T0602300501
Latitude:	40.8652315227441
Longitude:	-124.087353364418
Status:	Completed - Case Closed
Status Date:	03/24/2003
Case Worker:	ZZZ
RB Case Number:	1THU712
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12712
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0602300501
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300501
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300501
Action Type:	Other
Date:	06/02/1999
Action:	Leak Discovery

Global Id:	T0602300501
Action Type:	ENFORCEMENT
Date:	02/28/2003
Action:	Technical Correspondence / Assistance / Other

Global Id:	T0602300501
Action Type:	ENFORCEMENT

VAGLE'S UNIONTOWN TIRE (Continued) **S104025270**

Date: 02/21/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300501
Action Type: ENFORCEMENT
Date: 01/10/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300501
Action Type: ENFORCEMENT
Date: 01/14/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300501
Action Type: ENFORCEMENT
Date: 01/03/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300501
Action Type: ENFORCEMENT
Date: 03/24/2003
Action: Closure/No Further Action Letter

Global Id: T0602300501
Action Type: Other
Date: 06/02/1999
Action: Leak Reported

Global Id: T0602300501
Action Type: RESPONSE
Date: 12/23/2002
Action: Request for Closure

Global Id: T0602300501
Action Type: ENFORCEMENT
Date: 03/24/2003
Action: Closure/No Further Action Letter - #12712.RACC

Global Id: T0602300501
Action Type: Other
Date: 06/02/1999
Action: Leak Stopped

LUST:
Global Id: T0602300501
Status: Open - Case Begin Date
Status Date: 06/02/1999

Global Id: T0602300501
Status: Open - Site Assessment
Status Date: 07/08/1999

Global Id: T0602300501
Status: Open - Site Assessment
Status Date: 09/19/2002

Global Id: T0602300501

VAGLE'S UNIONTOWN TIRE (Continued) **S104025270**

Status: Completed - Case Closed
Status Date: 03/24/2003

LUST REG 1:
Region: 1
Facility ID: 1THU712
Staff Initials: HUM

HAULERS:

Name:	ARCATA USED TIRE AND WHEEL
Address:	437 G ST
City,State,Zip:	ARCATA, CA
Facility ID:	1000329
Facility Phone:	(707) 822-7909
Business Email Address:	Not reported
Contact Person:	Joe Vagle
Mailing Address:	437 G St
Mailing City:	Arcata
Mailing State:	CA
Mailing Zip:	95521
Mailing County:	Humboldt
Mailing Phone:	(707) 822-7909
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

CORTESE:

Name:	VAGLE'S UNIONTOWN TIRE
Address:	437 G STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300501
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

VAGLE'S UNIONTOWN TIRE (Continued) **S104025270**

HIST CORTESE:

edr_fname:	VAGLE'S UNIONTOWN TIRE
edr_fadd1:	437 G
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU712

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95 **SOILSCAPE SOLUTIONS LLC** **SWF/LF** **S121645196**
1680 SAMOA BLVD **PEST LIC** **N/A**
< 1/8 **ARCATA, CA 95521** **CIWQS**
1 ft.

Relative:
Lower

Actual:
14 ft.

SWF/LF (SWIS):

Name:	HUMBOLDT CTY WASTE MGT AUTHORITY TEMP TS
Address:	1680 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility ID:	12-AA-0108
SWIS Number:	12-AA-0108
Point of Contact:	Eric Kiruja
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Arcata
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Permitted

Operator:

SWIS Number:	12-AA-0108
Site Name:	Humboldt Cty Waste Mgt Authority Temp TS
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.87081
Longitude:	-124.14929
Is Archived:	Yes
Operator:	Humboldt County Waste Mgt Authority
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 822-1360
Street Address:	PO Box 5777
Operator City:	Eureka
Operator State:	CA

SOILSCAPE SOLUTIONS LLC (Continued) **S121645196**

Operator Zip: 95502

Owner:
SWIS Number: 12-AA-0108
Owner: Richard Winkel C/O Brad Floyd
Owner Address: 937 6th St
Owner City: Eureka
Owner State: CA
Owner Zip: 95501
Site Name: Humboldt Cty Waste Mgt Authority Temp TS
Site Operational Status: Closed
Site Type: Non-Disposal Only
Site Regulatory Status: Permitted
Latitude: 40.87081
Longitude: -124.14929
Is Archived: Yes
Started On: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (707) 445-9754

Waste:
SWIS Number: 12-AA-0108
Site Name: Humboldt Cty Waste Mgt Authority Temp TS
Activity: Large Volume Transfer/Processing Facility
Waste Type: Tires
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Permitted
Site Type: Non-Disposal Only
Point of Contact: Eric Kiruja
Activity Is Archived: Yes
Activity Operational Status: Closed
Activity Regulatory Status: Permitted
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

SWIS Number: 12-AA-0108
Site Name: Humboldt Cty Waste Mgt Authority Temp TS
Activity: Large Volume Transfer/Processing Facility
Waste Type: Mixed municipal
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Permitted
Site Type: Non-Disposal Only
Point of Contact: Eric Kiruja
Activity Is Archived: Yes
Activity Operational Status: Closed
Activity Regulatory Status: Permitted
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

SWIS Number: 12-AA-0108
Site Name: Humboldt Cty Waste Mgt Authority Temp TS
Activity: Large Volume Transfer/Processing Facility

SOILSCAPE SOLUTIONS LLC (Continued) **S121645196**

Waste Type:	Asbestos
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0108
Site Name:	Humboldt Cty Waste Mgt Authority Temp TS
Activity:	Large Volume Transfer/Processing Facility
Waste Type:	Ash
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0108
Site Name:	Humboldt Cty Waste Mgt Authority Temp TS
Activity:	Large Volume Transfer/Processing Facility
Waste Type:	Dead Animals
Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

PEST LIC:

Name:	SOILSCAPE SOLUTIONS LLC
Address:	1680 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Facility Type:	PDM
Categories:	Not reported
License No:	41464
Issued or Renewed Date:	01/01/2022
Expiration Date:	12/31/2023

Name:	NATALIE A FARIS
Address:	1680 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Facility Type:	DDA

SOILSCAPE SOLUTIONS LLC (Continued) **S121645196**

Categories: Not reported
License No: 146053
Issued or Renewed Date: 01/01/2021
Expiration Date: 12/31/2022

CIWQS:
Name: HUMBOLDT WASTE MGT AUTH
Address: 1680 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Agency: Kindsfather, Gerald
Agency Address: PO Box 5777, Eureka, CA 95502
Place/Project Type: Industrial - Refuse Systems
SIC/NAICS: 4953
Region: 1
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 1 12I014650
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 10/05/1998
Termination Date: 06/11/2001
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

U96 **CASH OIL COMPANY ARCATA** **SWEEPS UST** **S101582013**
421 J ST **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 20 in cluster U

Relative: **Lower**
Actual: **15 ft.**

SWEEPS UST:
Name: CASH OIL COMPANY ARCATA
Address: 421 J ST
City: ARCATA
Status: Active
Comp Number: 67514
Number: 1
Board Of Equalization: 44-005180
Referral Date: 06-09-92
Action Date: 06-09-92
Created Date: 07-31-88
Owner Tank Id: 1
SWRCB Tank Id: 12-000-067514-000001
Tank Status: A
Capacity: 10000
Active Date: 06-09-92
Tank Use: M.V. FUEL
STG: P

CASH OIL COMPANY ARCATA (Continued) **S101582013**

Content: REG UNLEADED
Number Of Tanks: 3

Name: CASH OIL COMPANY ARCATA
Address: 421 J ST
City: ARCATA
Status: Active
Comp Number: 67514
Number: 1
Board Of Equalization: 44-005180
Referral Date: 06-09-92
Action Date: 06-09-92
Created Date: 07-31-88
Owner Tank Id: 2
SWRCB Tank Id: 12-000-067514-000002
Tank Status: A
Capacity: 10000
Active Date: 06-09-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: CASH OIL COMPANY ARCATA
Address: 421 J ST
City: ARCATA
Status: Active
Comp Number: 67514
Number: 1
Board Of Equalization: 44-005180
Referral Date: 06-09-92
Action Date: 06-09-92
Created Date: 07-31-88
Owner Tank Id: 3
SWRCB Tank Id: 12-000-067514-000003
Tank Status: A
Capacity: 10000
Active Date: 06-09-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 12000192
Regulated By: UTNKA
Regulated ID: 00067514
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7078269268
Mail To: Not reported
Mailing Address: 808 E SOUTH TEMPLE
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

CASH OIL COMPANY ARCATA (Continued) **S101582013**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

U97 **GAS N SAVE AT ARCATA** **HIST UST** **S118410481**
421 J STREET **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 20 in cluster U

Relative: HIST UST:
Lower
Actual: Name: GAS N SAVE AT ARCATA
15 ft. Address: 421 J STREET
City,State,Zip: ARCATA, CA 95521
File Number: 00025E57
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025E57.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

S98 **G AND K ENGINE SVC** **RCRA-SQG** **1000309415**
480 G ST **FINDS** **CAD982509200**
< 1/8 **ARCATA, CA 95521** **ECHO**
1 ft.

Site 5 of 10 in cluster S

Relative: RCRA-SQG:
Lower
Actual: Date Form Received by Agency: 19891127
17 ft. Handler Name: G AND K ENGINE SVC
Handler Address: 480 G ST
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAD982509200
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 480 G ST
Contact City,State,Zip: ARCATA, CA 95521
Contact Telephone: 707-822-0466
Contact Fax: Not reported

G AND K ENGINE SVC (Continued) **1000309415**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	G ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	KENNETH FRANCIS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

G AND K ENGINE SVC (Continued) **1000309415**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KENNETH FRANCIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19891127
Handler Name: G AND K ENGINE SVC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

G AND K ENGINE SVC (Continued) **1000309415**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002837100

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000309415
Registry ID: 110002837100
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002837100
Name: G AND K ENGINE SVC
Address: 480 G ST
City,State,Zip: ARCATA, CA 95521

S99 **VIDEO EXPERIENCE** **LUST** **S107473117**
698 SAMOA BLVD **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 10 in cluster S

Relative: **Lower**
Actual: **16 ft.**

LUST:
Name: VIDEO EXPERIENCE
Address: 698 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602383955
Global Id: T0602383955
Latitude: 40.8649831904235
Longitude: -124.087086939812
Status: Completed - Case Closed
Status Date: 07/14/2008
Case Worker: ZZZ
RB Case Number: 1THU915
Local Agency: HUMBOLDT COUNTY LOP
File Location: Local Agency
Local Case Number: 12915

VIDEO EXPERIENCE (Continued) **S107473117**

Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602383955
Contact Type: Local Agency Caseworker
Contact Name: BOB STONE
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H STREET, SUITE 100
City: EUREKA
Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602383955
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 04/10/2008
Action: Staff Letter

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 03/17/2006
Action: File review

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 07/18/2007
Action: File review

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 02/09/2007
Action: Staff Letter

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 03/21/2006
Action: Staff Letter

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 04/27/2007
Action: Verbal Communication

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 03/03/2008

VIDEO EXPERIENCE (Continued) **S107473117**

Action: LOP Case Closure Summary to RB

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 07/11/2008
Action: Staff Letter

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 07/14/2008
Action: Closure/No Further Action Letter

Global Id: T0602383955
Action Type: Other
Date: 10/11/2005
Action: Leak Discovery

Global Id: T0602383955
Action Type: REMEDIATION
Date: 10/20/2005
Action: Not reported

Global Id: T0602383955
Action Type: Other
Date: 10/20/2005
Action: Leak Reported

Global Id: T0602383955
Action Type: ENFORCEMENT
Date: 07/14/2008
Action: Closure Summary - #12915.CCS

LUST:
Global Id: T0602383955
Status: Open - Case Begin Date
Status Date: 10/11/2005

Global Id: T0602383955
Status: Open - Site Assessment
Status Date: 10/20/2005

Global Id: T0602383955
Status: Open - Site Assessment
Status Date: 03/17/2006

Global Id: T0602383955
Status: Open - Site Assessment
Status Date: 03/21/2006

Global Id: T0602383955
Status: Open - Site Assessment
Status Date: 02/09/2007

Global Id: T0602383955
Status: Open - Verification Monitoring
Status Date: 04/26/2007

VIDEO EXPERIENCE (Continued) **S107473117**

Global Id:	T0602383955
Status:	Open - Verification Monitoring
Status Date:	07/18/2007
Global Id:	T0602383955
Status:	Open - Verification Monitoring
Status Date:	12/27/2007
Global Id:	T0602383955
Status:	Open - Verification Monitoring
Status Date:	03/03/2008
Global Id:	T0602383955
Status:	Open - Site Assessment
Status Date:	04/10/2008
Global Id:	T0602383955
Status:	Completed - Case Closed
Status Date:	07/14/2008

CORTESE:

Name:	VIDEO EXPERIENCE
Address:	698 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602383955
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

V100 **AUTO BODY EXPRESS** **RCRA NonGen / NLR** **1024796878**
497 I STREET **CAL000180384**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 5 in cluster V

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		19980204
Handler Name:	AUTO BODY EXPRESS	
Handler Address:		497 I STREET

Actual:
15 ft.

AUTO BODY EXPRESS (Continued) **1024796878**

Handler City,State,Zip:	ARCATA, CA 95521-0000
EPA ID:	CAL000180384
Contact Name:	RIKA MALONEY
Contact Address:	497 I ST
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-822-0803
Contact Fax:	707-633-1761
Contact Email:	ABX.ARCATA@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	497 I ST
Mailing City,State,Zip:	ARCATA, CA 95521-0000
Owner Name:	DENNIS MALONEY
Owner Type:	Other
Operator Name:	RIKA MALONEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

AUTO BODY EXPRESS (Continued) **1024796878**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RIKA MALONEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	497 I ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-0803
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENNIS MALONEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	497 I ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-822-0803
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19980204
Handler Name: AUTO BODY EXPRESS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

AUTO BODY EXPRESS (Continued) **1024796878**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U101 **HUMBOLDT PETROLEUM INC. (#18)** **UST** **U004292135**
421 J ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 20 in cluster U

Relative: UST:
Lower
Name: HUMBOLDT PETROLEUM INC. (#18)
Actual: Address: 421 J ST
15 ft. City,State,Zip: ARCATA, CA 95521
Facility ID: 12-000-000579
Permitting Agency: Humboldt County Division of Environmental Health
CERSID: 10020805
Latitude: 40.865837
Longitude: -124.090576

U102 **ARCATA TEXACO** **LUST** **S102949334**
421 J STREET **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **EMI**
1 ft. **HIST CORTESE**

Site 6 of 20 in cluster U

Relative: LUST:
Lower
Name: CASH OIL COMPANY (ARCATA)
Actual: Address: 421 J STREET
15 ft. City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300231
Global Id: T0602300231
Latitude: 40.8659244109421
Longitude: -124.090769122605
Status: Completed - Case Closed
Status Date: 08/25/2006
Case Worker: ZZZ
RB Case Number: 1THU302
Local Agency: HUMBOLDT COUNTY LOP

ARCATA TEXACO (Continued) **S102949334**

File Location: Local Agency
Local Case Number: 12302
Potential Media Affect: Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300231
Contact Type: Local Agency Caseworker
Contact Name: BOB STONE
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H STREET, SUITE 100
City: EUREKA
Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300231
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 04/13/2004
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 11/17/2004
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 03/30/2006
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 10/26/2004
Action: * Historical Enforcement

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 12/05/2005
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 05/25/2006
Action: Staff Letter

ARCATA TEXACO (Continued) **S102949334**

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 05/25/2006
Action: LOP Case Closure Summary to RB

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 08/24/2006
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 08/25/2006
Action: Closure/No Further Action Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 03/09/2006
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 07/31/2006
Action: File review

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 07/21/2006
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 03/05/2004
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 06/21/2005
Action: File review

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 06/07/2004
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 08/26/2004
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 08/23/2005
Action: Staff Letter

Global Id: T0602300231
Action Type: ENFORCEMENT

ARCATA TEXACO (Continued) **S102949334**

Date: 08/24/2006
Action: Closure Summary - #12302.CCS

Global Id: T0602300231
Action Type: Other
Date: 12/24/1997
Action: Leak Discovery

Global Id: T0602300231
Action Type: REMEDIATION
Date: 02/01/2004
Action: Excavation

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 01/15/2004
Action: * No Action

Global Id: T0602300231
Action Type: ENFORCEMENT
Date: 10/01/2003
Action: Staff Letter

Global Id: T0602300231
Action Type: Other
Date: 12/24/1997
Action: Leak Reported

Global Id: T0602300231
Action Type: Other
Date: 12/24/1997
Action: Leak Stopped

LUST:
Global Id: T0602300231
Status: Open - Case Begin Date
Status Date: 12/24/1997

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 12/24/1997

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 02/27/2003

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 03/04/2003

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 06/13/2003

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 10/01/2003

ARCATA TEXACO (Continued) **S102949334**

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 11/24/2003

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 01/15/2004

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 03/05/2004

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 04/13/2004

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 06/07/2004

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 08/26/2004

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 11/15/2004

Global Id: T0602300231
Status: Open - Verification Monitoring
Status Date: 06/21/2005

Global Id: T0602300231
Status: Open - Verification Monitoring
Status Date: 08/23/2005

Global Id: T0602300231
Status: Open - Verification Monitoring
Status Date: 12/05/2005

Global Id: T0602300231
Status: Open - Verification Monitoring
Status Date: 03/09/2006

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 03/30/2006

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 05/25/2006

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 07/21/2006

Global Id: T0602300231

ARCATA TEXACO (Continued) **S102949334**

Status: Open - Site Assessment
Status Date: 07/31/2006

Global Id: T0602300231
Status: Open - Site Assessment
Status Date: 08/24/2006

Global Id: T0602300231
Status: Completed - Case Closed
Status Date: 08/25/2006

LUST REG 1:
Region: 1
Facility ID: 1THU302
Staff Initials: HUM

CORTESE:
Name: CASH OIL COMPANY (ARCATA)
Address: 421 J STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300231
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: ARCATA TEXACO
Address: 421 J STREET
City,State,Zip: ARCATA, CA
Year: 2006
County Code: 12
Air Basin: NC
Facility ID: 680
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

ARCATA TEXACO (Continued) **S102949334**

Total Organic Hydrocarbon Gases Tons/Yr:	.4623702554651727716
Reactive Organic Gases Tons/Yr:	.4600611
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA
Year:	2007
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.4504372601843265062
Reactive Organic Gases Tons/Yr:	.4481877
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2008
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5121492600918440551
Reactive Organic Gases Tons/Yr:	.5095915
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2009
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541

ARCATA TEXACO (Continued) **S102949334**

Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.506253314864757
Reactive Organic Gases Tons/Yr:	0.50372499999999998
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2010
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.506253314864757
Reactive Organic Gases Tons/Yr:	0.50372499999999998
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2011
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.49131969927
Reactive Organic Gases Tons/Yr:	0.4889046
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2014
County Code:	12
Air Basin:	NC

ARCATA TEXACO (Continued) **S102949334**

Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.987665211
Reactive Organic Gases Tons/Yr:	0.987665211
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2015
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.987665211
Reactive Organic Gases Tons/Yr:	0.987665211
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA TEXACO
Address:	421 J STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2016
County Code:	12
Air Basin:	NC
Facility ID:	680
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.987665211
Reactive Organic Gases Tons/Yr:	0.987665211
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HIST CORTESE:

edr_fname:	CASH OIL COMPANY (J STREE
edr_fadd1:	421 J

ARCATA TEXACO (Continued) **S102949334**

City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU302

T103 **ROCK SOLID 4X4** **CERS HAZ WASTE** **S123102767**
570 K ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 8 in cluster T

Relative: Lower
Actual: 18 ft.

CERS HAZ WASTE:
Name: ROCK SOLID 4X4
Address: 570 K ST
City,State,Zip: ARCATA, CA 95521
Site ID: 45360
CERS ID: 10021549
CERS Description: Hazardous Waste Generator

CERS:
Name: ROCK SOLID 4X4
Address: 570 K ST
City,State,Zip: ARCATA, CA 95521
Site ID: 45360
CERS ID: 10021549
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 45360
Site Name: Rock Solid 4x4
Violation Date: 04-13-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/13/2017. Fixed while inspector on-site.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 45360
Site Name: Rock Solid 4x4
Violation Date: 09-04-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 10/02/2019. OBSERVATION: The business failed to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training within

ROCK SOLID 4X4 (Continued) **S123102767**

	30 days and send DEH a copy of the sign-in sheet.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	04-13-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 04/14/2017. OBSERVATION: The annotated site map submitted to the CUPA does not include all required elements. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	09-11-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 09/25/2017. Operator needs an active EPA ID number. Submit documentation to apply for a new EPA ID number to DTSC via email or fax within 30 days. Documentation provided to operator.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	09-11-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/17/2017. Observed 3-5 gallon buckets full of waste oily solids and not labeled. Operator is going to dispose of this waste at local haz waste drop off in McKinleyville. When you do this submit a copy of the receipt along with "Self Certification of Return to Compliance" form to DEH. Additionally complete the label on the waste oil tank (currently missing generator name and info, accumulation start date, and epa id number). Label this container within 30 days and submit "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW

ROCK SOLID 4X4 (Continued) **S123102767**

Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	09-11-2017
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 10/17/2017. Observed 1-55 gallon drum of waste antifreeze missing a "bung hole". All containers of hazardous waste must be kept closed except when adding or removing waste. Obtain a "Bung hole" for this container with in 30 days and submit "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	04-09-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/15/2015. OBSERVATION: Annual training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA within 30 days demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	45360
Site Name:	Rock Solid 4x4
Violation Date:	09-04-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/02/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Add waste oily absorbent to your chemical inventory within 30 days. Largest container 55 gallon and maximum quantity on site as 55 gallon.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

ROCK SOLID 4X4 (Continued) **S123102767**

Site ID: 45360
Site Name: Rock Solid 4x4
Violation Date: 04-09-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/15/2015. OBSERVATION: An electronic business plan has not been received by the CUPA. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) within 30 days. Contact DEH for help or to answer questions.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 45360
Site Name: Rock Solid 4x4
Violation Date: 04-13-2017
Citation: HSC 6.5 25201 - California Health and Safety Code, Chapter 6.5, Section(s) 25201
Violation Description: Failure to obtain a permit or grant of interim status after generator has accumulated hazardous waste on-site for longer than 90 days.
Violation Notes: Returned to compliance on 04/26/2017. OBSERVATION: 55 gallon drum of waste absorbent has been on-site longer than 90 days. Facilities who generate more than 1000 kg of hazardous waste per month may store waste on site up to 90 days. CORRECTIVE ACTION: Contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-15-2021
Violations Found: No
Eval Type: Routine done by local agency

ROCK SOLID 4X4 (Continued) **S123102767**

Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ensure you complete and document annual hazardous materials handling and emergency response training. .
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-15-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health

ROCK SOLID 4X4 (Continued) **S123102767**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Operator not present for signature. Business closed over 30 days ago. New Operator is currently responsible for haz mat onsite.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Enforcement Action:
Site ID: 45360
Site Name: Rock Solid 4x4
Site Address: 570 K ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 04-09-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 45360
Facility Name: Rock Solid 4x4
Env Int Type Code: HWG
Program ID: 10021549
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.867065
Longitude: -124.090698

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Corey Adams
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 296-8502,

ROCK SOLID 4X4 (Continued) **S123102767**

Affiliation Type Desc:	Document Preparer
Entity Name:	Corey Adams
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Corey Adams
Entity Title:	Not reported
Affiliation Address:	570 K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	570 K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Corey Adams
Entity Title:	Owner/Operator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Corey Adams
Entity Title:	Not reported
Affiliation Address:	570 K St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States

ROCK SOLID 4X4 (Continued) **S123102767**

Affiliation Zip:	95521
Affiliation Phone:	(707) 822-6380,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Rock Solid 4x4
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

U104 **INDUSTRIAL ELECTRIC SERVICE CO** **CERS HAZ WASTE** **S123100508**
990 SAMOA BLVD **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 20 in cluster U

Relative: **Lower**

Actual: **15 ft.**

CERS HAZ WASTE:

Name:	INDUSTRIAL ELECTRIC SERVICE CO
Address:	990 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Site ID:	38061
CERS ID:	10020151
CERS Description:	Hazardous Waste Generator

CERS:

Name:	INDUSTRIAL ELECTRIC SERVICE CO
Address:	990 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Site ID:	38061
CERS ID:	10020151
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	38061
Site Name:	Industrial Electric Service Co
Violation Date:	05-08-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 05/09/2018. OBSERVATION: The business failed to provide annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material; or failed to document and maintains training records for a minimum of three years. CORRECTIVE ACTION: Submit documentation to our office demonstrating appropriate personnel have received annual training and maintain ongoing annual training records for a minimum of three years.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	38061

INDUSTRIAL ELECTRIC SERVICE CO (Continued) **S123100508**

Site Name: Industrial Electric Service Co
Violation Date: 03-09-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/12/2016. OBSERVATION: Annual training documentation for all applicable employees was not completed. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: No

INDUSTRIAL ELECTRIC SERVICE CO (Continued) **S123100508**

Eval Type: Routine done by local agency
Eval Notes: Waste oil being managed and disposed of properly.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 38061
Facility Name: Industrial Electric Service Co
Env Int Type Code: HWG
Program ID: 10020151
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.865595
Longitude: -124.090092

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 1135
Affiliation City: ARCATA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95518
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Curt Reichlin

INDUSTRIAL ELECTRIC SERVICE CO (Continued) **S123100508**

Entity Title: Not reported
Affiliation Address: PO Box 1135
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95518
Affiliation Phone: (707) 822-2485,

Affiliation Type Desc: Parent Corporation
Entity Name: Industrial Electric Service Co
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Steve Ward
Entity Title: Not reported
Affiliation Address: PO Box 1135
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95518
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Steve Ward
Entity Title: Secretary
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Operator
Entity Name: Industrial Electric Arcata Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 502-6208,

S105 **CHEVRON SERVICE STN #9-5504** **CA FID UST** **S101582000**
698 FOURTH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 10 in cluster S

Relative: CA FID UST:
Lower

Facility ID:	12000115
Regulated By:	UTNKI
Regulated ID:	00062763
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

Actual:
16 ft.

U106 **HPI - ARCATA TEXACO** **UST** **U003778579**
421 J ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 8 of 20 in cluster U

Relative: UST:
Lower

Name:	HPI - ARCATA TEXACO
Address:	421 J ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000579
Permitting Agency:	HUMBOLDT COUNTY
CERSID:	Not reported
Latitude:	40.8672696
Longitude:	-124.0891098

Actual:
15 ft.

U107 **INDUSTRIAL ELECTRIC ARCATA INC** **RCRA NonGen / NLR** **1024825285**
990 SAMOA BLVD **CAL000350752**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 9 of 20 in cluster U

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:	20100310
Handler Name:	INDUSTRIAL ELECTRIC ARCATA INC
Handler Address:	990 SAMOA BLVD
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAL000350752
Contact Name:	STEVE WARD
Contact Address:	990 SAMOA BLVD
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-822-2485
Contact Fax:	707-822-2837

Actual:
15 ft.

INDUSTRIAL ELECTRIC ARCATA INC (Continued) **1024825285**

Contact Email:	SWARD@INDUSTRIAL-ELECTRIC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1135
Mailing City,State,Zip:	ARCATA, CA 95518-1135
Owner Name:	INDUSTRIAL ELECTRIC ARCATA INC
Owner Type:	Other
Operator Name:	STEVE WARD
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

INDUSTRIAL ELECTRIC ARCATA INC (Continued) **1024825285**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL ELECTRIC ARCATA INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1135
Owner/Operator City,State,Zip:	ARCATA, CA 95518-1135
Owner/Operator Telephone:	707-822-2485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE WARD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	990 SAMOA BLVD
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-2485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100310
Handler Name:	INDUSTRIAL ELECTRIC ARCATA INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

INDUSTRIAL ELECTRIC ARCATA INC (Continued) **1024825285**

List of NAICS Codes and Descriptions:
NAICS Code: 335312
NAICS Description: MOTOR AND GENERATOR MANUFACTURING

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

NAICS Code: 81131
NAICS Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S108 **95504** **SWEEPS UST U001611388**
698 4TH ST **HIST UST N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 8 of 10 in cluster S

Relative: Lower
Actual: 16 ft.

SWEEPS UST:
Name: CHEVRON SERVICE STN #9-5504
Address: 698 4TH ST
City: ARCATA
Status: Not reported
Comp Number: 62763
Number: Not reported
Board Of Equalization: 44-005168
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-062763-000001
Tank Status: Not reported
Capacity: 7000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 4

Name: CHEVRON SERVICE STN #9-5504
Address: 698 4TH ST
City: ARCATA
Status: Not reported
Comp Number: 62763
Number: Not reported
Board Of Equalization: 44-005168
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

95504 (Continued) **U001611388**

SWRCB Tank Id: 12-000-062763-000002
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: CHEVRON SERVICE STN #9-5504
Address: 698 4TH ST
City: ARCATA
Status: Not reported
Comp Number: 62763
Number: Not reported
Board Of Equalization: 44-005168
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-062763-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: CHEVRON SERVICE STN #9-5504
Address: 698 4TH ST
City: ARCATA
Status: Not reported
Comp Number: 62763
Number: Not reported
Board Of Equalization: 44-005168
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-062763-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: 95504
Address: 698 4TH ST
City,State,Zip: ARCATA, CA 95521
File Number: 00025D2E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025D2E.pdf
Region: STATE
Facility ID: 00000062763

95504 (Continued) **U001611388**

Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	HALL,GERALD D
Telephone:	7078228113
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1964
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1964
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000170
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1964
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1964
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000100
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

T109 **WHITELEY ARCATA DIESEL CA** **LUST** **S102441250**
550 K **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 4 of 8 in cluster T

Relative: LUST:
Lower

Name:	WHITELEY ARCATA DIESEL CARDLOCK
Address:	550 K STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)

Actual:
17 ft.

WHITELEY ARCATA DIESEL CA (Continued) **S102441250**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300420
Global Id:	T0602300420
Latitude:	40.8670802566794
Longitude:	-124.090618092292
Status:	Completed - Case Closed
Status Date:	03/30/1998
Case Worker:	ZZZ
RB Case Number:	1THU557
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12557
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300420
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300420
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300420
Action Type:	RESPONSE
Date:	11/20/1997
Action:	CAP/RAP - Other Report

Global Id:	T0602300420
Action Type:	ENFORCEMENT
Date:	03/30/1998
Action:	Closure/No Further Action Letter - #12557.RACC

Global Id:	T0602300420
Action Type:	Other
Date:	08/16/1996
Action:	Leak Discovery

Global Id:	T0602300420
Action Type:	Other
Date:	08/16/1996
Action:	Leak Reported

Global Id: T0602300420

WHITELEY ARCATA DIESEL CA (Continued) **S102441250**

Action Type: Other
Date: 08/16/1996
Action: Leak Stopped

LUST:
Global Id: T0602300420
Status: Open - Case Begin Date
Status Date: 08/16/1996

Global Id: T0602300420
Status: Open - Site Assessment
Status Date: 08/28/1996

Global Id: T0602300420
Status: Open - Remediation
Status Date: 02/05/1998

Global Id: T0602300420
Status: Open - Site Assessment
Status Date: 02/05/1998

Global Id: T0602300420
Status: Open - Verification Monitoring
Status Date: 02/05/1998

Global Id: T0602300420
Status: Completed - Case Closed
Status Date: 03/30/1998

LUST REG 1:
Region: 1
Facility ID: 1THU557
Staff Initials: Closed

CORTESE:
Name: WHITELEY ARCATA DIESEL CARDLOCK
Address: 550 K STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300420
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

WHITELEY ARCATA DIESEL CA (Continued) **S102441250**

WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	WHITELEY ARCATA DIESEL CA
edr_fadd1:	550 K
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU557

U110 **ARCATA CHEVRON** **RCRA NonGen / NLR** **1024843043**
421 J ST **CAL000394072**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 10 of 20 in cluster U

Relative: **Lower**
Actual: **15 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20140211
Handler Name:	ARCATA CHEVRON	
Handler Address:		421 J ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000394072
Contact Name:		BILL MCKENZIE
Contact Address:		1324 5TH ST
Contact City,State,Zip:		EUREKA, CA 95502-0131
Contact Telephone:		707-443-3069
Contact Fax:		707-445-4433
Contact Email:		BMCKENZIE@ANDRETTI1.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P. O. BOX 131
Mailing City,State,Zip:		EUREKA, CA 95502-0000
Owner Name:		HUMBOLDT PETROLEUM INC
Owner Type:		Other
Operator Name:		BILL MCKENZIE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

ARCATA CHEVRON (Continued) **1024843043**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL MCKENZIE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1324 5TH ST
Owner/Operator City,State,Zip:	EUREKA, CA 95502-0131
Owner/Operator Telephone:	707-443-3069

ARCATA CHEVRON (Continued) **1024843043**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HUMBOLDT PETROLEUM INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1324 5TH ST
Owner/Operator City,State,Zip: EUREKA, CA 95501
Owner/Operator Telephone: 707-443-3069
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140211
Handler Name: ARCATA CHEVRON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T111 **WING INFLATABLES INC** **CUPA Listings** **S126009529**
1132 SAMOA BLVD **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 8 in cluster T

Relative: Lower
Actual: 16 ft.

CUPA HUMBOLDT:
Name: WING INFLATABLES INC
Address: 1132 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0003677
Facility Address 2: Not reported
Program Identifier: Not reported
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 02 - Inactive

WING INFLATABLES INC (Continued) **S126009529**

CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0000607
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Bill Wing
Day Phone:	7078262887
Latitude:	40.86634
Longitude:	-124.0910

T112 **WHITELEY ARCATA DIESEL CARDLCK** **SWEEPS UST S101582176**
1092 5TH ST **CA FID UST N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 6 of 8 in cluster T

Relative: Lower
Actual: 17 ft.

SWEEPS UST:

Name:	WHITELEY ARCATA DIESEL CARDLCK A
Address:	1092 5TH ST
City:	ARCATA
Status:	Active
Comp Number:	59191
Number:	1
Board Of Equalization:	44-005110
Referral Date:	06-03-92
Action Date:	06-03-92
Created Date:	07-31-88
Owner Tank Id:	ONE
SWRCB Tank Id:	12-000-059191-000001
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	12001584
Regulated By:	UTNKA
Regulated ID:	00059191
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

S113 **CHEVRON #9-5504** **LUST** **S105022561**
698 4TH **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
1 ft.

Site 9 of 10 in cluster S

Relative: Lower

Actual: 16 ft.

LUST:

Name:	CHEVRON #9-5504
Address:	698 FOURTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300134
Global Id:	T0602300134
Latitude:	40.8650179
Longitude:	-124.087236
Status:	Completed - Case Closed
Status Date:	07/30/1993
Case Worker:	ZZZ
RB Case Number:	1THU169
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0602300134
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300134
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075762220

LUST:

Global Id:	T0602300134
Action Type:	Other
Date:	10/19/1989
Action:	Leak Discovery

Global Id:	T0602300134
Action Type:	ENFORCEMENT
Date:	10/19/1989
Action:	* Historical Enforcement

Global Id:	T0602300134
Action Type:	Other

CHEVRON #9-5504 (Continued) **S105022561**

Date: 10/19/1989
Action: Leak Reported

Global Id: T0602300134
Action Type: Other
Date: 10/19/1989
Action: Leak Stopped

LUST:
Global Id: T0602300134
Status: Open - Case Begin Date
Status Date: 10/19/1989

Global Id: T0602300134
Status: Open - Site Assessment
Status Date: 10/19/1989

Global Id: T0602300134
Status: Open - Site Assessment
Status Date: 10/01/1990

Global Id: T0602300134
Status: Open - Remediation
Status Date: 07/29/1993

Global Id: T0602300134
Status: Open - Site Assessment
Status Date: 07/29/1993

Global Id: T0602300134
Status: Open - Verification Monitoring
Status Date: 07/29/1993

Global Id: T0602300134
Status: Completed - Case Closed
Status Date: 07/30/1993

CORTESE:
Name: CHEVRON #9-5504
Address: 698 FOURTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300134
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

CHEVRON #9-5504 (Continued) **S105022561**

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: CHEVRON #9-5504
edr_fadd1: 698 4TH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU169

W114 **TROMBETTA WAREHOUSE** **LUST S101294736**
1162 SAMOA **Cortese N/A**
< 1/8 **ARCATA, CA 95521** **ENF**
1 ft. **HIST CORTESE**

Site 1 of 2 in cluster W

Relative: Lower
Actual: 15 ft.

LUST:
Name: TROMBETTA WAREHOUSE
Address: 1162 SAMOA BOULEVARD
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300112
Global Id: T0602300112
Latitude: 40.8665736266952
Longitude: -124.091742819872
Status: Completed - Case Closed
Status Date: 05/05/1999
Case Worker: ZZZ
RB Case Number: 1THU122
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: 12122
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0602300112
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0602300112
Contact Type: Local Agency Caseworker
Contact Name: GENERAL LOP UST CASE WORKER
Organization Name: HUMBOLDT COUNTY LOP

TROMBETTA WAREHOUSE (Continued) **S101294736**

Address: 100 H STREET, SUITE 100
City: EUREKA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300112
Action Type: ENFORCEMENT
Date: 05/05/1999
Action: Closure/No Further Action Letter - #12122.RACC

Global Id: T0602300112
Action Type: ENFORCEMENT
Date: 05/05/1999
Action: Closure Summary - #12122.CCS

Global Id: T0602300112
Action Type: ENFORCEMENT
Date: 05/06/1999
Action: Closure/No Further Action Letter

Global Id: T0602300112
Action Type: Other
Date: 07/10/1989
Action: Leak Discovery

Global Id: T0602300112
Action Type: ENFORCEMENT
Date: 01/13/1999
Action: * Historical Enforcement

Global Id: T0602300112
Action Type: Other
Date: 07/10/1989
Action: Leak Reported

Global Id: T0602300112
Action Type: RESPONSE
Date: 07/08/1997
Action: Request for Closure

Global Id: T0602300112
Action Type: Other
Date: 07/10/1989
Action: Leak Stopped

LUST:
Global Id: T0602300112
Status: Open - Case Begin Date
Status Date: 07/10/1989

Global Id: T0602300112
Status: Open - Site Assessment
Status Date: 07/10/1989

Global Id: T0602300112

TROMBETTA WAREHOUSE (Continued) **S101294736**

Status: Open - Site Assessment
Status Date: 07/02/1990

Global Id: T0602300112
Status: Open - Site Assessment
Status Date: 08/09/1990

Global Id: T0602300112
Status: Open - Site Assessment
Status Date: 05/07/1993

Global Id: T0602300112
Status: Open - Remediation
Status Date: 01/13/1999

Global Id: T0602300112
Status: Open - Verification Monitoring
Status Date: 01/13/1999

Global Id: T0602300112
Status: Completed - Case Closed
Status Date: 05/05/1999

LUST REG 1:
Region: 1
Facility ID: 1THU122
Staff Initials: HUM

CORTESE:
Name: TROMBETTA WAREHOUSE
Address: 1162 SAMOA BOULEVARD
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300112
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

TROMBETTA WAREHOUSE (Continued) **S101294736**

ENF:

Name:	TROMBETTA WAREHOUSE
Address:	1162 SAMOA BOULEVARD
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	266518
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.866005
Place Longitude:	-124.09207
SIC Code 1:	4221
SIC Desc 1:	Farm Product Warehousing and Storage
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported

TROMBETTA WAREHOUSE (Continued) **S101294736**

WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223936
Region:	1
Order / Resolution Number:	LT930921
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/21/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/21/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU122NUG Trombetta Warehouse
Description:	REQUESTING RESPONSE AS OUTLINED IN THE LETTER.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	TROMBETTA WAREHOUSE
edr_fadd1:	1162 SAMOA
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU122

T115 **ROCK SOLID 4X4** **CUPA Listings** **S110737886**
570 K ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 7 of 8 in cluster T

Relative: Lower

Actual: 18 ft.

CUPA HUMBOLDT:

Name:	ROCK SOLID 4X4
Address:	570 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000124
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory

ROCK SOLID 4X4 (Continued) **S110737886**

Permit Status:	01 - Active
CERS ID:	10021549
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0002308
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	09/09/2020
Update By:	JGONZALEZ
Contact Name:	Corey Adams
Day Phone:	7078226380
Latitude:	40.86710
Longitude:	-124.0908

Name:	ROCK SOLID 4X4
Address:	570 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000124
Facility Address 2:	Not reported
Program Identifier:	CUPA - Non-RCRA LQG
Program Element Code Desc:	4403 4403 - Hazardous Waste Generator (Non-RCRA LQG)
Permit Status:	02 - Inactive
CERS ID:	10021549
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0009322
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	09/09/2020
Update By:	JGONZALEZ
Contact Name:	Corey Adams
Day Phone:	7078226380
Latitude:	40.86710
Longitude:	-124.0908

Name:	ROCK SOLID 4X4
Address:	570 K ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000124
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10021549
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0005762
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	09/09/2020
Update By:	JGONZALEZ
Contact Name:	Corey Adams
Day Phone:	7078226380
Latitude:	40.86710
Longitude:	-124.0908

V116 **PERKINS BODY SHOP** **RCRA NonGen / NLR** **1024873310**
497 I ST **CAL000441961**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 3 of 5 in cluster V

Relative: **Lower**
Actual: **15 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181219
Handler Name:	PERKINS BODY SHOP	
Handler Address:		497 I ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000441961
Contact Name:		TRAMPAS PERKINS
Contact Address:		2375 MEADOW CT
Contact City,State,Zip:		MCKINLEYVILLE, CA 95519
Contact Telephone:		707-497-4629
Contact Fax:		Not reported
Contact Email:		PERKINSBODYSHOP@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		497 I ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		TRAMPAS PERKINS
Owner Type:		Other
Operator Name:		TRAMPAS PERKINS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

PERKINS BODY SHOP (Continued) **1024873310**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRAMPAS PERKINS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2375 MEADOW CT
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519
Owner/Operator Telephone:	707-497-4629
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRAMPAS PERKINS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2375 MEADOW CT
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519
Owner/Operator Telephone:	707-497-4629
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PERKINS BODY SHOP (Continued) **1024873310**

Historic Generators:
Receive Date: 20181219
Handler Name: PERKINS BODY SHOP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S117 **DUNCAN J M** **EDR Hist Auto** **1021547588**
665 4TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 10 of 10 in cluster S

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
15 ft. 1971 DUNCAN J M Gasoline Service Stations

V118 **NEELY AUTOMOTIVE** **CUPA Listings** **S103979037**
980 5TH ST **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 4 of 5 in cluster V

Relative: CUPA HUMBOLDT:
Lower
Actual: Name: NEELY AUTOMOTIVE
16 ft. Address: 980 5TH ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0002189
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10019890
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0004837

NEELY AUTOMOTIVE (Continued) **S103979037**

District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	01/12/2021
Update By:	JGONZALEZ
Contact Name:	Scott Patrick
Day Phone:	7078260687
Latitude:	40.86629
Longitude:	-124.0897

Name:	NEELY AUTOMOTIVE
Address:	980 5TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002189
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10019890
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001215
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	01/12/2021
Update By:	JGONZALEZ
Contact Name:	Scott Patrick
Day Phone:	7078260687
Latitude:	40.86629
Longitude:	-124.0897

U119 **HUMBOLDT PETROLEUM INC. (#18)** **CERS HAZ WASTE** **S123184547**
421 J ST **CERS TANKS** **N/A**
< 1/8 **ARCATA, CA 95521** **CUPA Listings**
1 ft. **CERS**

Site 11 of 20 in cluster U

Relative: **Lower**
Actual: **15 ft.**

CERS HAZ WASTE:

Name:	HUMBOLDT PETROLEUM INC. (#18)
Address:	421 J ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	394903
CERS ID:	10020805
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	HUMBOLDT PETROLEUM INC. (#18)
Address:	421 J ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	394903
CERS ID:	10020805
CERS Description:	Underground Storage Tank

CUPA HUMBOLDT:

Name:	HUMBOLDT PETROLEUM INC. (#18)
Address:	421 J ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001280
Facility Address 2:	Not reported

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10020805
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0002695
District: N - North
SIC Code: 5441 - Candy, nut, and confectionery stores
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Christie
Day Phone: 7074433069
Latitude: 40.86580
Longitude: -124.0903

Name: HUMBOLDT PETROLEUM INC. (#18)
Address: 421 J ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0001280
Facility Address 2: Not reported
Program Identifier: CUPA - UST
Program Element Code Desc: 4101 4101 - UST Facility Operating Permit
Permit Status: 01 - Active
CERS ID: 10020805
Facility Status: 01 - ACTIVE, BILLABLE
Record ID: PR0002696
District: N - North
SIC Code: 5441 - Candy, nut, and confectionery stores
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Christie
Day Phone: 7074433069
Latitude: 40.86580
Longitude: -124.0903

Name: HUMBOLDT PETROLEUM INC. (#18)
Address: 421 J ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0001280
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10020805
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0004591
District: N - North
SIC Code: 5441 - Candy, nut, and confectionery stores
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Christie
Day Phone: 7074433069
Latitude: 40.86580
Longitude: -124.0903

CERS:
Name: HUMBOLDT PETROLEUM INC. (#18)

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Address: 421 J ST
City,State,Zip: ARCATA, CA 95521
Site ID: 394903
CERS ID: 10020805
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 394903
Site Name: Humboldt Petroleum Inc. (#18)
Violation Date: 02-24-2021
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 02/24/2021. All the Spill buckets has water intrusion. Keep the water and debris out of spill buckets.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 394903
Site Name: Humboldt Petroleum Inc. (#18)
Violation Date: 02-23-2017
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes: Returned to compliance on 03/07/2017. Secondary testing was due by 1/28/2017. It was done on 2/7/2017. Ensure that a 1/28/2020 date is used on future D.O. monthly reports.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 394903
Site Name: Humboldt Petroleum Inc. (#18)
Violation Date: 02-23-2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 03/19/2015. OBSERVATION: Owner/Operator did not submit, obtain approval, and maintain a complete/accurate plot plan. CORRECTIVE ACTION: Submit a complete/accurate plot plan within 30 days to DEH through a CERS submittal.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 394903
Site Name: Humboldt Petroleum Inc. (#18)
Violation Date: 02-23-2016
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations,

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

	Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes:	Returned to compliance on 02/23/2016. sensor in udc 5/6 failed testing. All sensors must be functioning properly in order to detect a leak at earliest possible moment. Sensor was replaced with same model and tested and passed. corrected onsite.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)
Violation Date:	02-22-2018
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 02/23/2018. The outdoor overfill alarm light is not working. Repair or replace.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)
Violation Date:	02-24-2021
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	Returned to compliance on 02/24/2021. There was a fair amount of water in the diesel fill sump. The sensor was not completely on the bottom. The sensor was tested and it operated correctly. The water was removed from the sump. Checked the alarm history and the last alarm for that sump was during the last monitor certification. Be sure to have all sensors at the lowest level.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)
Violation Date:	02-22-2018
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 02/22/2018. The diesel turbine sump sensor failed. It was replaced and retested at the time of inspection with passing results.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Violation Date:	02-21-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 02/25/2019. OBSERVATION: Drain valve on regular spill bucket failed. CORRECTIVE ACTION: Repair spill bucket within 7 days and contact DEH to retest.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)
Violation Date:	02-25-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/25/2020. OBSERVATION: Three 5 gallon containers of waste oily absorbent without hazardous waste labels. CORRECTIVE ACTION: Label containers and notify DEH once complete.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	394903
Site Name:	Humboldt Petroleum Inc. (#18)
Violation Date:	02-23-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 03/19/2015. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification to DEH within 30 Days through a CERS submittal.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2014
Violations Found:	No

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-22-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-24-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-24-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Overfill inspection conducted today as well. All ball floats checked and measured. Passed. All Overfill probes checked for Audio Visual at 90%. All Passed. All violations corrected at time of inspection.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-25-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Regular, Super and Diesel ball floats were pulled and inspected for overfill compliance, all passed
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-22-2018
Violations Found:	No

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consider including propane training with emergency and spill response annual refresher training. All training records are current and accurate but including them altogether may ensure annual refreshers are all current in future.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Currently no haz wastes stored onsite.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-04-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to conduct three year secondary testing. Testing done using the Incon .002 / 15 minute tester. Diesel Piping sump tested with passing results. UDCs for dispenser 1/2, 3/4, 5/6, 7/8 were all tested with passing results. DEH will be back tomorrow to complete testing.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-22-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 394903
Site Name: Humboldt Petroleum Inc. (#18)

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Site Address:	421 J ST
Site City:	ARCATA
Site Zip:	95521
Enf Action Date:	02-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Humboldt County Division of Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Coordinates:

Site ID:	394903
Facility Name:	Humboldt Petroleum Inc. (#18)
Env Int Type Code:	HMBP
Program ID:	10020805
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	40.865868
Longitude:	-124.090607

Affiliation:

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Dennis Christie
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Dennis Christie
Entity Title:	Facilities Manager
Affiliation Address:	Not reported

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	Legal Owner
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	1324 5th St.
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	1324 5th St.
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Document Preparer
Entity Name:	Dennis Christie
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer

HUMBOLDT PETROLEUM INC. (#18) (Continued) **S123184547**

Entity Name:	Dennis Christie
Entity Title:	Facilities Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	Parent Corporation
Entity Name:	HPI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

W120 **RAY CAVAGNARO INC** **SWEEPS UST U001611499**
1162 SAMOA BLVD **HIST UST N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 2 of 2 in cluster W

Relative: SWEEPS UST:
Lower

Name:	F & E INVESTMENTS
Address:	1162 SAMOA BLVD
City:	ARCATA
Status:	Not reported
Comp Number:	13857
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-013857-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

Actual:
15 ft.

RAY CAVAGNARO INC (Continued) **U001611499**

HIST UST:

Name:	RAY CAVAGNARO INC
Address:	1162 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000013857
Facility Type:	Other
Other Type:	Not reported
Contact Name:	GORDON THOMPSON
Telephone:	7078225195
Owner Name:	RAY CAVAGNARO INC
Owner Address:	5555 NAPA-VALLEJO HWY
Owner City,St,Zip:	NAPA, CA 94559
Total Tanks:	0001
Tank Num:	001
Container Num:	05
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

V121 **NEELY AUTOMOTIVE** **CERS HAZ WASTE** **S123097678**
980 5TH ST **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 5 of 5 in cluster V

Relative: Lower
Actual: 16 ft.

CERS HAZ WASTE:

Name:	NEELY AUTOMOTIVE
Address:	980 5TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	137626
CERS ID:	10019890
CERS Description:	Hazardous Waste Generator

CERS:

Name:	NEELY AUTOMOTIVE
Address:	980 5TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	137626
CERS ID:	10019890
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	137626
Site Name:	Neely Automotive
Violation Date:	09-04-2014
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 09/04/2014. OBSERVATION: At the time of

NEELY AUTOMOTIVE (Continued) **S123097678**

inspection, it could not be demonstrated that employees who handle hazardous waste were properly trained. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Provide training to all employees who handle hazardous waste and submit a copy of the training records to the CUPA by October 4, 2014.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 137626
Site Name: Neely Automotive
Violation Date: 09-04-2014
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/04/2014. OBSERVATION: The business failed to ensure that appropriate personnel receive initial and annual training regarding emergency/spill response and safe chemical handling. CORRECTIVE ACTION: Submit documentation to the CUPA by October 4, 2014 demonstrating appropriate personnel have received initial and annual training regarding emergency/spill response and safe chemical handling..
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

NEELY AUTOMOTIVE (Continued) **S123097678**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 137626
Site Name: Neely Automotive
Site Address: 980 5TH ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 09-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP

NEELY AUTOMOTIVE (Continued) **S123097678**

Enf Action Source: CERS,

Site ID: 137626
Site Name: Neely Automotive
Site Address: 980 5TH ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 09-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 137626
Facility Name: Neely Automotive
Env Int Type Code: HWG
Program ID: 10019890
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.866409
Longitude: -124.089745

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Scott Patrick
Entity Title: Not reported
Affiliation Address: 980 5th St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Scott Patrick
Entity Title: Not reported
Affiliation Address: 980 5th St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 826-0687,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

NEELY AUTOMOTIVE (Continued) **S123097678**

Affiliation Type Desc:	Document Preparer
Entity Name:	scott patrick
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Scott Patrick
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 826-0687,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Neely Automotive
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	980 5th st
Affiliation City:	arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Scott Patrick
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

T122 **ROCKSOLID 4X4** **RCRA NonGen / NLR** **1024862502**
570 K ST **CAL000431017**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 8 of 8 in cluster T

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency:		20170925
18 ft. Handler Name:	ROCKSOLID 4X4	
Handler Address:		570 K ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAL000431017
Contact Name:		COREY ADAMS
Contact Address:		570 K ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-6380
Contact Fax:		Not reported
Contact Email:		ROCKSOLID4X4@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		570 K ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		COREY ADAMS
Owner Type:		Other
Operator Name:		COREY ADAMS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ROCKSOLID 4X4 (Continued) **1024862502**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COREY ADAMS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	570 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-6380
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COREY ADAMS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	570 K ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-6380
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROCKSOLID 4X4 (Continued) **1024862502**

Historic Generators:
Receive Date: 20170925
Handler Name: ROCKSOLID 4X4
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U123 **INDUSTRIAL ELECTRIC SERVICE CO** **CUPA Listings** **S123184506**
990 SAMOA BLVD **N/A**
< 1/8 **ARCATA, CA 95521**
1 ft.

Site 12 of 20 in cluster U

Relative: Lower
Actual: 15 ft.

CUPA HUMBOLDT:
Name: INDUSTRIAL ELECTRIC SERVICE CO
Address: 990 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0001652
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10020151
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0002532
District: N - North
SIC Code: 7694 - Armature rewinding shops
Last Touched: 01/07/2021
Update By: DADAMS
Contact Name: Steve Ward
Day Phone: 7078222485
Latitude: 40.86563
Longitude: -124.0901

Name: INDUSTRIAL ELECTRIC SERVICE CO
Address: 990 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0001652

INDUSTRIAL ELECTRIC SERVICE CO (Continued) **S123184506**

Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020151
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0006242
District:	N - North
SIC Code:	7694 - Armature rewinding shops
Last Touched:	01/07/2021
Update By:	DADAMS
Contact Name:	Steve Ward
Day Phone:	7078222485
Latitude:	40.86563
Longitude:	-124.0901

U124 **C K JOHNSON INDUSTRIES** **CUPA Listings** **S103621675**
South **1061 SAMOA BLVD** **NPDES** **N/A**
< 1/8 **ARCATA, CA 95521** **CIWQS**
0.002 mi.
9 ft. **Site 13 of 20 in cluster U**

Relative: CUPA HUMBOLDT:
Lower

Name:	C & K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000446
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020232
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007200
District:	N - North
SIC Code:	3317 - Steel pipe and tubes
Last Touched:	04/24/2019
Update By:	AROBERTS
Contact Name:	Not reported
Day Phone:	7078227687
Latitude:	40.86556
Longitude:	-124.0910

Actual:
15 ft.

Name:	C & K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000446
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020232
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001298
District:	N - North
SIC Code:	3317 - Steel pipe and tubes
Last Touched:	04/24/2019
Update By:	AROBERTS

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Contact Name: Not reported
Day Phone: 7078227687
Latitude: 40.86556
Longitude: -124.0910

NPDES:
Name: C K JOHNSON INDUSTRIES
Address: 1061 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Facility Status: Terminated
NPDES Number: CAS000001
Region: 1
Agency Number: 0
Regulatory Measure ID: 178313
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 1 12I015485
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 11/09/1999
Termination Date Of Regulatory Measure: 11/30/2020
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1061 Samoa Blvd
Discharge Name: C K Johnson Industries
Discharge City: Arcata
Discharge State: California
Discharge Zip: 95521
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 1
Regulatory Measure ID: 178313
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 1 12I015485
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Processed Date:	11/09/1999
Status:	Active
Status Date:	11/17/2015
Place Size:	5
Place Size Unit:	Acres
Contact:	Mark Dusel
Contact Title:	Not reported
Contact Phone:	707-822-7687
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	C K Johnson Industries
Operator Address:	1061 Samoa Blvd
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521
Operator Contact:	Kay Johnson
Operator Contact Title:	Not reported
Operator Contact Phone:	707-822-7687
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ckjohnsonind@yahoo.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-822-7687
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Humbolt Bay
Certifier:	Jesse Johnson
Certifier Title:	VP
Certification Date:	28-MAY-15
Primary Sic:	3499-Fabricated Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178313
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12I015485
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/09/1999
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	C K Johnson Industries
Discharge Address:	1061 Samoa Blvd
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	C K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12NNA000411
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	NONA Submitted
Status Date:	11/06/2019
Operator Name:	C K Johnson Industries
Operator Address:	1061 Samoa Blvd
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521

Name:	C K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Returned
Status Date:	11/16/2019
Operator Name:	C K Johnson Industries
Operator Address:	1061 Samoa Blvd
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521

Name:	C K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12I015485
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	01/06/2021
Operator Name:	C K Johnson Industries
Operator Address:	1061 Samoa Blvd
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178313

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 12I015485
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/09/1999
Status:	Active
Status Date:	11/17/2015
Place Size:	5
Place Size Unit:	Acres
Contact:	Mark Dusel
Contact Title:	Not reported
Contact Phone:	707-822-7687
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	C K Johnson Industries
Operator Address:	1061 Samoa Blvd
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521
Operator Contact:	Kay Johnson
Operator Contact Title:	Not reported
Operator Contact Phone:	707-822-7687
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ckjohnsonind@yahoo.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-822-7687
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Humbolt Bay
Certifier:	Jesse Johnson
Certifier Title:	VP
Certification Date:	28-MAY-15
Primary Sic:	3499-Fabricated Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178313
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12I015485
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/09/1999
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	C K Johnson Industries
Discharge Address:	1061 Samoa Blvd
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	C K JOHNSON INDUSTRIES
Address:	1061 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Agency:	C K Johnson Industries
Agency Address:	1061 Samoa Blvd, Arcata, CA 95521
Place/Project Type:	Industrial - Fabricated Metal Products, NEC
SIC/NAICS:	3499(+)
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12I015485
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/09/1999
Termination Date:	11/30/2020
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported

C K JOHNSON INDUSTRIES (Continued) **S103621675**

Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 40.865681
Longitude: -124.091059

U125 **C & K JOHNSON INDUSTRIES** **CERS HAZ WASTE** **S123100562**
South **1061 SAMOA BLVD** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.002 mi.
9 ft. **Site 14 of 20 in cluster U**

Relative:
Lower

Actual:
15 ft.

CERS HAZ WASTE:
Name: C & K JOHNSON INDUSTRIES
Address: 1061 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Site ID: 388400
CERS ID: 10020232
CERS Description: Hazardous Waste Generator

CERS:
Name: C & K JOHNSON INDUSTRIES
Address: 1061 SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Site ID: 388400
CERS ID: 10020232
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2019
Violations Found: No

C & K JOHNSON INDUSTRIES (Continued) **S123100562**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 388400
Facility Name: C & K Johnson Industries
Env Int Type Code: HMBP
Program ID: 10020232
Coord Name: Not reported

C & K JOHNSON INDUSTRIES (Continued) **S123100562**

Ref Point Type Desc: Unknown,
Latitude: 40.865599
Longitude: -124.090994

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1061 Samoa Blvd
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: C & K Johnson Industries
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Environmental Contact
Entity Name: Mark Dusel
Entity Title: Not reported
Affiliation Address: 1061 Samoa Blvd
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kay Johnson
Entity Title: Not reported
Affiliation Address: 1061 Samoa Blvd
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 822-7687,

Affiliation Type Desc: Operator
Entity Name: Kay Johnson

C & K JOHNSON INDUSTRIES (Continued) **S123100562**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-7687,

U126 **C & K JOHNSON INDUSTRIES** **RCRA NonGen / NLR** **1025866250**
South **1061 SAMOA BLVD** **CAL000195524**
< 1/8 **ARCATA, CA 95521**
0.002 mi.
9 ft. **Site 15 of 20 in cluster U**

Relative: **Lower**
Actual: **15 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19981021
Handler Name:	C & K JOHNSON INDUSTRIES	
Handler Address:		1061 SAMOA BLVD
Handler City,State,Zip:		ARCATA, CA 95521-0000
EPA ID:		CAL000195524
Contact Name:		MARK DUSEL
Contact Address:		1061 SAMOA BLVD
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-7687
Contact Fax:		707-822-5813
Contact Email:		CKJOHNSONIND@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1061 SAMOA BLVD
Mailing City,State,Zip:		ARCATA, CA 95521-0000
Owner Name:		KAY JOHNSON
Owner Type:		Other
Operator Name:		MARK DUSEL
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

C & K JOHNSON INDUSTRIES (Continued) **1025866250**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAY JOHNSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1061 SAMOA BLVD
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-822-7687
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK DUSEL

C & K JOHNSON INDUSTRIES (Continued) **1025866250**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1061 SAMOA BLVD
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-7687
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19981021
Handler Name:	C & K JOHNSON INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332312
NAICS Description:	FABRICATED STRUCTURAL METAL MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

U127 **ARCATA BODY SHOP - FORMER** **CUPA Listings** **S126009242**
South **1017 SAMOA BLVD BLDG B** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
25 ft. **Site 16 of 20 in cluster U**

Relative:
Lower

Actual:
14 ft.

CUPA HUMBOLDT:

Name:	ARCATA BODY SHOP - FORMER
Address:	1017 SAMOA BLVD BLDG B
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000102
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0000615
District:	N - North
SIC Code:	(none)
Last Touched:	10/11/2014

ARCATA BODY SHOP - FORMER (Continued) **S126009242**

Update By:	dsc\\errolallard
Contact Name:	Frank Mott
Day Phone:	7078222352
Latitude:	40.86529
Longitude:	-124.0903

U128 **PACIFIC CLEARS, INC.** **CUPA Listings** **S110502968**
South **1017 SAMOA BLVD.** **EMI** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
25 ft. **Site 17 of 20 in cluster U**

Relative:
Lower

Actual:
14 ft.

CUPA HUMBOLDT:

Name:	PACIFIC CLEARS
Address:	1017 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002354
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10021234
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0002738
District:	N - North
SIC Code:	2431 - Millwork
Last Touched:	01/21/2021
Update By:	DADAMS
Contact Name:	Lee Iorg
Day Phone:	7078227607
Latitude:	40.86564
Longitude:	-124.0911

Name:	PACIFIC CLEARS
Address:	1017 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002354
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10021234
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0004101
District:	N - North
SIC Code:	2431 - Millwork
Last Touched:	01/21/2021
Update By:	DADAMS
Contact Name:	Lee Iorg
Day Phone:	7078227607
Latitude:	40.86564
Longitude:	-124.0911

EMI:

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521

PACIFIC CLEARS, INC. (Continued) **S110502968**

Year:	2008
County Code:	12
Air Basin:	NC
Facility ID:	963
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	3.1556
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.26224

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521
Year:	2011
County Code:	12
Air Basin:	NC
Facility ID:	963
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.4171
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.56684

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521
Year:	2014
County Code:	12
Air Basin:	NC
Facility ID:	963
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.4171
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.56684

PACIFIC CLEARS, INC. (Continued) **S110502968**

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521
Year:	2015
County Code:	12
Air Basin:	NC
Facility ID:	963
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.4171
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.56684

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521
Year:	2016
County Code:	12
Air Basin:	NC
Facility ID:	963
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	Not reported
Reactive Organic Gases Tons/Yr:	Not reported
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	1.4171
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.56684

Name:	PACIFIC CLEARS, INC.
Address:	1017 SAMOA BLVD.
City,State,Zip:	ARCATA, CA 95521
Year:	2017
County Code:	12
Air Basin:	NC
Facility ID:	560
Air District Name:	NCU
SIC Code:	2421
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	Not reported
Reactive Organic Gases Tons/Yr:	Not reported
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported

PACIFIC CLEARS, INC. (Continued) **S110502968**

Particulate Matter Tons/Yr: 3.22
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.288

Name: PACIFIC CLEARS, INC.
Address: 1017 SAMOA BLVD.
City,State,Zip: ARCATA, CA 95521
Year: 2018
County Code: 12
Air Basin: NC
Facility ID: 560
Air District Name: NCU
SIC Code: 2421
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: Not reported
Reactive Organic Gases Tons/Yr: Not reported
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: 3.22
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.288

Name: PACIFIC CLEARS, INC.
Address: 1017 SAMOA BLVD.
City,State,Zip: ARCATA, CA 95521
Year: 2019
County Code: 12
Air Basin: NC
Facility ID: 560
Air District Name: NCU
SIC Code: 2421
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: Not reported
Reactive Organic Gases Tons/Yr: Not reported
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: 3.22
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.288

U129 **PACIFIC CLEARS** **RCRA NonGen / NLR** **1025876056**
South **1017 SAMOA BLVD** **CAL000449192**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
25 ft. **Site 18 of 20 in cluster U**

Relative: **Lower**
Actual: **14 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20190923
Handler Name: PACIFIC CLEARS
Handler Address: 1017 SAMOA BLVD
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAL000449192
Contact Name: ROCKY AMBERS
Contact Address: 1017 SAMOA BLVD
Contact City,State,Zip: ARCATA, CA 95521

PACIFIC CLEARS (Continued) **1025876056**

Contact Telephone:	707-834-1441
Contact Fax:	707-822-0211
Contact Email:	AMBERSR110@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1017 SAMOA BLVD
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	JP ARCATA INC
Owner Type:	Other
Operator Name:	ROCKY AMBERS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PACIFIC CLEARS (Continued) **1025876056**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JP ARCATA INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1061 SAMOA BLVD
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-7687
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROCKY AMBERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1017 SAMOA BLVD
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-834-1441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190923
Handler Name: PACIFIC CLEARS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

PACIFIC CLEARS (Continued) **1025876056**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 113310
NAICS Description: LOGGING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U130 **PACIFIC CLEARS** **RCRA-SQG** **1000158822**
South **1017 SAMOA BLVD** **FINDS** **CAD982004475**
< 1/8 **ARCATA, CA 95521** **ECHO**
0.005 mi.
25 ft. **Site 19 of 20 in cluster U**

Relative: **Lower**
Actual: **14 ft.**

RCRA-SQG:

Date Form Received by Agency:		19870619
Handler Name:	ARCATA BODY SHOP	
Handler Address:		1017 SAMOA BLVD
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD982004475
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1017 SAMOA BLVD
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-2352
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1017 SAMOA BLVD
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		MOTTER FRANCIS W
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

PACIFIC CLEARS (Continued) **1000158822**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

PACIFIC CLEARS (Continued) **1000158822**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOTTER FRANCIS W
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19870619
Handler Name: ARCATA BODY SHOP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002773516

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PACIFIC CLEARS (Continued) **1000158822**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000158822
Registry ID:	110002773516
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002773516
Name:	PACIFIC CLEARS
Address:	1017 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521

U131 **PACIFIC CLEARS** **CERS HAZ WASTE** **S123097724**
South **1017 SAMOA BLVD** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
25 ft. **Site 20 of 20 in cluster U**

Relative: **Lower**

Actual: **14 ft.**

CERS HAZ WASTE:

Name:	PACIFIC CLEARS
Address:	1017 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Site ID:	140839
CERS ID:	10021234
CERS Description:	Hazardous Waste Generator

CERS:

Name:	PACIFIC CLEARS
Address:	1017 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Site ID:	140839
CERS ID:	10021234
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	140839
Site Name:	Pacific Clears
Violation Date:	05-27-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Release/Leaks/Spills - General
Violation Notes:	Returned to compliance on 06/24/2016. The hydraulic unit next to the fingerjoint area is leaking and has accumulated oil in the secondary containment. Cleanup and properly manage the oily debris in the containment area as hazardous waste. Send DEH a copy of the disposal record within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP

PACIFIC CLEARS (Continued) **S123097724**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS Submittal accurate and training records for 2015 & 2016 available.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 140839
Facility Name: Pacific Clears
Env Int Type Code: HWG
Program ID: 10021234
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.865162
Longitude: -124.091347

PACIFIC CLEARS (Continued) **S123097724**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Rocky Ambers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Rocky Ambers
Entity Title:	Not reported
Affiliation Address:	1017 Samoa Blvd
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1017 Samoa Blvd
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Legal Owner
Entity Name:	JP Arcata Inc.
Entity Title:	Not reported
Affiliation Address:	1061 Sanoa Blvd
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-7687,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Pacific Clears
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

PACIFIC CLEARS (Continued) **S123097724**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Kay Johnson
Entity Title: Not reported
Affiliation Address: PO Box 1141
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 822-7687,

Affiliation Type Desc: Identification Signer
Entity Name: Stacie Nickerson
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Pacific Clears
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 822-7607,

Name: PACIFIC CLEARS, INC.
Address: 1017 SAMOA BLVD
City,State,Zip: ARCATA, CA 955210000
Site ID: 485367
CERS ID: 110018994301
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: BRIAN OWNBY
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: MILLWRIGHT
Affiliation City: ARCATA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Lee Iorg
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported

PACIFIC CLEARS (Continued) **S123097724**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Owner
Entity Name:	SCHMIDBAUER LUMBER
Entity Title:	OWNER
Affiliation Address:	POBOX 152-95502
Affiliation City:	EUREKA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	PACIFIC CLEARS
Entity Title:	OPERATOR
Affiliation Address:	1017 SAMOA BLVD
Affiliation City:	ARCATA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Kay Johnson
Entity Title:	Not reported
Affiliation Address:	POBOX 1141
Affiliation City:	ARCATA
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

X132 **A & A TEXACO** **EDR Hist Auto** **1021735283**
SSE **665 SAMOA BLVD** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
26 ft. **Site 1 of 2 in cluster X**

Relative: EDR Hist Auto
Lower

Actual:
15 ft.

Year:	Name:	Type:
1973	A & A TEXACO	Gasoline Service Stations
1974	A & A TEXACO	Gasoline Service Stations
1975	A & A TEXACO	Gasoline Service Stations
1976	A & A TEXACO	Gasoline Service Stations
1977	A & A TEXACO	Gasoline Service Stations
1978	ANDERSONS DISCOUNT FURNITURE	Gasoline Service Stations

X133 **PORTER STREET BBQ / FORMER A&A TEXACO** **LUST** **S108744451**
SSE **665 SAMOA BOULEVARD** **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
26 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
15 ft.

LUST:

Name:	PORTER STREET BBQ / FORMER A&A TEXACO
Address:	665 SAMOA BOULEVARD
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T060237918
Global Id:	T060237918
Latitude:	40.8646815097998
Longitude:	-124.087121787836
Status:	Completed - Case Closed
Status Date:	11/02/2009
Case Worker:	ZZZ
RB Case Number:	1THU784
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12784
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T060237918
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T060237918
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T060237918
Action Type:	ENFORCEMENT
Date:	06/16/2004
Action:	* No Action

Global Id:	T060237918
Action Type:	ENFORCEMENT
Date:	06/16/2004
Action:	Staff Letter

Global Id:	T060237918
Action Type:	ENFORCEMENT

PORTER STREET BBQ / FORMER A&A TEXACO (Continued) **S108744451**

Date: 03/23/2004
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 06/11/2004
Action: File review

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 10/21/2004
Action: Technical Correspondence / Assistance / Other

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 06/01/2004
Action: * No Action

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 09/29/2004
Action: LOP Case Closure Summary to RB

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 04/12/2005
Action: Notice of Responsibility

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 10/31/2006
Action: Site Visit / Inspection / Sampling

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Site Visit / Inspection / Sampling

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 03/14/2006
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 10/13/2005
Action: Site Visit / Inspection / Sampling

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 03/09/2007
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 07/24/2007
Action: File review

PORTER STREET BBQ / FORMER A&A TEXACO (Continued) **S108744451**

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 06/11/2008
Action: Verbal Communication

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 02/17/2005
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 07/23/2008
Action: File review

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 02/13/2009
Action: File review

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 05/07/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 07/17/2009
Action: Notification - Preclosure

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: File Review - Closure

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 11/02/2009
Action: Closure Summary - #12784.CCS

Global Id: T060237918
Action Type: Other
Date: 12/04/2001
Action: Leak Discovery

Global Id: T060237918
Action Type: REMEDIATION
Date: 07/31/2003
Action: Not reported

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 03/29/2002
Action: * No Action

Global Id: T060237918
Action Type: Other

PORTER STREET BBQ / FORMER A&A TEXACO (Continued) **S108744451**

Date: 10/30/2001
Action: Leak Reported

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 08/11/2009
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 06/19/2009
Action: LOP Case Closure Summary to RB

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 10/22/2009
Action: Staff Letter

Global Id: T060237918
Action Type: ENFORCEMENT
Date: 11/02/2009
Action: Closure/No Further Action Letter

LUST:
Global Id: T060237918
Status: Open - Case Begin Date
Status Date: 07/16/2001

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 07/16/2001

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 07/24/2002

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 10/24/2002

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 11/25/2002

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 03/23/2004

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 06/01/2004

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 06/11/2004

Global Id: T060237918

PORTER STREET BBQ / FORMER A&A TEXACO (Continued) **S108744451**

Status: Open - Site Assessment
Status Date: 06/16/2004

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 09/29/2004

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 02/17/2005

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 10/13/2005

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 03/14/2006

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 10/31/2006

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 11/01/2006

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 03/09/2007

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 07/24/2007

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 06/11/2008

Global Id: T060237918
Status: Open - Site Assessment
Status Date: 08/11/2009

Global Id: T060237918
Status: Completed - Case Closed
Status Date: 11/02/2009

CORTESE:
Name: PORTER STREET BBQ / FORMER A&A TEXACO
Address: 665 SAMOA BOULEVARD
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T060237918
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

PORTER STREET BBQ / FORMER A&A TEXACO (Continued) **S108744451**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Y134 **INDUSTRIAL ELECTRIC SERVICE CO** **HIST UST** **U001611456**
SW **1601 SAMOA BLVD** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
26 ft. **Site 1 of 2 in cluster Y**

Relative: **Lower**
Actual: **13 ft.**

HIST UST:

Name:	INDUSTRIAL ELECTRIC SERVICE CO
Address:	1601 SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
File Number:	00025F16
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025F16.pdf
Region:	STATE
Facility ID:	00000050373
Facility Type:	Other
Other Type:	ELECTRIC WHOLESALE
Contact Name:	Not reported
Telephone:	7078222485
Owner Name:	INDUSTRIAL ELECTRIC SERVICE CO
Owner Address:	1601 SAMOA BLVD.
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	01
Year Installed:	1977
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

Y135 **INDUSTRIAL ELECTRIC SERVICE CO** **SWEEPS UST** **S101627555**
SW **1601 SAMOA BLVD** **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.005 mi.
26 ft. **Site 2 of 2 in cluster Y**

Relative:
Lower

Actual:
13 ft.

SWEEPS UST:

Name:	INDUSTRIAL ELECTRIC SERVICE CO
Address:	1601 SAMOA BLVD
City:	ARCATA
Status:	Not reported
Comp Number:	50373
Number:	Not reported
Board Of Equalization:	44-005098
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-050373-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	12000318
Regulated By:	UTNKI
Regulated ID:	00050373
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1601 SAMOA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

Z136 **ISACKSON MOTORS** **RCRA-SQG** **1000173607**
SE **SIXTH & I ST** **LUST** **CAD981683691**
< 1/8 **ARCATA, CA 95521** **SWEEPS UST**
0.007 mi. **HIST UST**
36 ft. **Site 1 of 5 in cluster Z** **CA FID UST**
Cortese

Relative:
Lower

HAZNET
HIST CORTESE

Actual:
18 ft.

HWTS

RCRA-SQG:

Date Form Received by Agency:	19861022
Handler Name:	ISACKSON MOTORS

ISACKSON MOTORS (Continued) **1000173607**

Handler Address:	SIXTH & I ST
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAD981683691
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	SIXTH & I ST
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-822-2961
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	601 I ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	IVER ISACKSON
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

ISACKSON MOTORS (Continued) **1000173607**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	IVER ISACKSON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19861022
Handler Name: ISACKSON MOTORS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No

ISACKSON MOTORS (Continued) **1000173607**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:

Name:	ISACKSON MOTORS
Address:	601 I STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300121
Global Id:	T0602300121
Latitude:	40.8677725704421
Longitude:	-124.089302389159
Status:	Completed - Case Closed
Status Date:	06/30/1997
Case Worker:	ZZZ
RB Case Number:	1THU152
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12152
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The former Isackson Ford Motors had two 2,000-gallon gasoline tanks and one 400 gallon waste oil tank.The waste oil tank was exposed, cut in half, cleaned and closed in place on February 25, 1988 under a closure permit approved by the Humboldt County Public Health Department (HCPHD). The two gasoline tanks were removed on October 3, 1989. Several soil borings and two monitoring wells were installed and sampled, and the HCPHD closed the case in 1997.

LUST:

Global Id:	T0602300121
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id: T0602300121

ISACKSON MOTORS (Continued) **1000173607**

Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300121
Action Type:	ENFORCEMENT
Date:	05/28/2019
Action:	Email Correspondence
Global Id:	T0602300121
Action Type:	ENFORCEMENT
Date:	08/07/1989
Action:	* Historical Enforcement
Global Id:	T0602300121
Action Type:	Other
Date:	08/07/1989
Action:	Leak Discovery
Global Id:	T0602300121
Action Type:	Other
Date:	08/07/1989
Action:	Leak Reported
Global Id:	T0602300121
Action Type:	RESPONSE
Date:	12/30/1996
Action:	Other Report / Document
Global Id:	T0602300121
Action Type:	RESPONSE
Date:	07/12/1990
Action:	Soil and Water Investigation Report
Global Id:	T0602300121
Action Type:	RESPONSE
Date:	06/06/1997
Action:	Well Destruction Report
Global Id:	T0602300121
Action Type:	ENFORCEMENT
Date:	06/30/1997
Action:	Closure Summary - #12152.CCS
Global Id:	T0602300121
Action Type:	ENFORCEMENT
Date:	06/30/1997
Action:	Closure/No Further Action Letter - #12152.RACC
Global Id:	T0602300121
Action Type:	Other
Date:	08/07/1989

ISACKSON MOTORS (Continued) **1000173607**

Action: Leak Stopped

Global Id: T0602300121
Action Type: RESPONSE
Date: 03/13/1993
Action: Soil and Water Investigation Report

Global Id: T0602300121
Action Type: RESPONSE
Date: 08/14/1995
Action: Soil and Water Investigation Report

LUST:
Global Id: T0602300121
Status: Open - Case Begin Date
Status Date: 08/07/1989

Global Id: T0602300121
Status: Open - Site Assessment
Status Date: 08/07/1989

Global Id: T0602300121
Status: Open - Site Assessment
Status Date: 01/23/1990

Global Id: T0602300121
Status: Open - Site Assessment
Status Date: 04/04/1990

Global Id: T0602300121
Status: Open - Site Assessment
Status Date: 07/09/1992

Global Id: T0602300121
Status: Open - Remediation
Status Date: 06/29/1997

Global Id: T0602300121
Status: Open - Verification Monitoring
Status Date: 06/29/1997

Global Id: T0602300121
Status: Completed - Case Closed
Status Date: 06/30/1997

LUST REG 1:
Region: 1
Facility ID: 1THU152
Staff Initials: Closed

SWEEPS UST:
Name: ISACKSON MOTORS
Address: 601 I ST
City: ARCATA
Status: Not reported

ISACKSON MOTORS (Continued) **1000173607**

Comp Number:	11604
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-011604-000001
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	ISACKSON MOTORS
Address:	601 I ST
City:	ARCATA
Status:	Not reported
Comp Number:	11604
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-011604-000002
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ISACKSON MOTORS
Address:	601 I ST
City:	ARCATA
Status:	Not reported
Comp Number:	11604
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-011604-000003
Tank Status:	Not reported
Capacity:	400
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

HIST UST:

Name:	ISACKSON MOTORS
Address:	601 I ST
City,State,Zip:	ARCATA, CA 95521
File Number:	00026000
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026000.pdf
Region:	STATE
Facility ID:	00000011604
Facility Type:	Other
Other Type:	AUTOMOBILE AGENCY
Contact Name:	IVER W. ISACKSON
Telephone:	7078222961
Owner Name:	MRS. BEATRICE FISCH
Owner Address:	2571 DAVIS WAY
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

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CA FID UST:

Facility ID:	12000104
Regulated By:	UTNKI
Regulated ID:	00011604
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	2571 DAVIS WAY
Mailing Address 2:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CORTESE:
Name: ISACKSON MOTORS
Address: 601 I STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300121
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:
Name: ISACKSON MOTORS
Address: SIXTH & I ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955210000
Contact: IVER W ISACKSON PRESIDENT
Telephone: 7078222961
Mailing Name: Not reported
Mailing Address: 1968 CENTRAL AVE

Year: 1999
Gepaid: CAD981683691
TSD EPA ID: CAD093459485
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: T01 - Treatment, Tank
Tons: 0.3822

Year: 1999
Gepaid: CAD981683691
TSD EPA ID: CA0000084517

ISACKSON MOTORS (Continued) **1000173607**

CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	T01 - Treatment, Tank
Tons:	0.21
Year:	1999
Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.406
Year:	1999
Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	2.244
Year:	1998
Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	1.326
Year:	1998
Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.388
Year:	1998
Gepaid:	CAD981683691
TSD EPA ID:	CAD093459485
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	T01 - Treatment, Tank
Tons:	0.2688
Year:	1998
Gepaid:	CAD981683691
TSD EPA ID:	CAD093459485
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.1512
Year:	1997
Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.406
Year:	1996

ISACKSON MOTORS (Continued) **1000173607**

Gepaid:	CAD981683691
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.37

Click this hyperlink while viewing on your computer to access
13 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1995
Gen EPA ID:	CAD981683691
Shipment Date:	19951221
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951227
Manifest ID:	95822763
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951227
Manifest ID:	95822763
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951027
Manifest ID:	95759309
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951027
Manifest ID:	95759309
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0725
Waste Quantity:	145
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950830
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950906
Manifest ID:	95554736

ISACKSON MOTORS (Continued) **1000173607**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950830
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950906
Manifest ID:	95554736
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950706
Creation Date:	11/13/1995 0:00:00
Receipt Date:	19950711
Manifest ID:	95623962
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

ISACKSON MOTORS (Continued) **1000173607**

RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950706
Creation Date:	11/13/1995 0:00:00
Receipt Date:	19950711
Manifest ID:	95623962
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950516
Manifest ID:	95524122
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950516
Manifest ID:	95524122
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981683691
Shipment Date:	19991215
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	99356201
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991215
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991220

ISACKSON MOTORS (Continued) **1000173607**

Manifest ID:	99530896
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.204
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991215
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	99530818
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991215
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	99530818
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.112
Waste Quantity:	224
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991116
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991123
Manifest ID:	99523647
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.408
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991022
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991101
Manifest ID:	99513100
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991020
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991027
Manifest ID:	99513021
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990923
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99503104
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990826
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990901
Manifest ID:	99042720
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990826
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990901
Manifest ID:	99042720
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981683691

Shipment Date:	19981209
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981217
Manifest ID:	98451077
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517

ISACKSON MOTORS (Continued) **1000173607**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98560416
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98560416
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981118
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98000756
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.408
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981118
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981209
Manifest ID:	98560474
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.1092
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981021
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981030
Manifest ID:	98567089
Trans EPA ID:	ILD984908202

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.408
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980924
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980930
Manifest ID:	98282346
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980827
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980903
Manifest ID:	98275768
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006

ISACKSON MOTORS (Continued) **1000173607**

Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.1596
Waste Quantity:	38
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980827
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980901
Manifest ID:	98000754
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.306
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980731
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	98318255
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Additional Info:

Year:	1996
Gen EPA ID:	CAD981683691
Shipment Date:	19961118
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961122
Manifest ID:	96463829
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961118
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961122
Manifest ID:	96463829
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96476352
Trans EPA ID:	ILD984908202

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96476352
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960806
Manifest ID:	96106040
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAO000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

ISACKSON MOTORS (Continued) **1000173607**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960806
Manifest ID:	96106040
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAO000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960606
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960611
Manifest ID:	96139486
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Shipment Date:	19960606
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960611
Manifest ID:	96139486
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960409
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960412
Manifest ID:	96074302
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960409
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960412
Manifest ID:	96074302
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981683691
Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971216
Manifest ID:	97342897
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971216
Manifest ID:	97342897
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

ISACKSON MOTORS (Continued) **1000173607**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971021
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971024
Manifest ID:	96604097
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971021
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971024
Manifest ID:	96604097
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Shipment Date:	19970827
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970903
Manifest ID:	96762203
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970702
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970708
Manifest ID:	96786689
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970702
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970708
Manifest ID:	96786689
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970508
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970513
Manifest ID:	96635497
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970313
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970320
Manifest ID:	96364832
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970313
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970320
Manifest ID:	96364832
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981683691
Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931130
Manifest ID:	93130798
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Shipment Date:	19930928
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931005
Manifest ID:	93132105
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930804
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930810
Manifest ID:	93223370
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930609
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930615
Manifest ID:	92626818
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930414
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930420
Manifest ID:	92573275
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930217
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930223
Manifest ID:	92412763
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981683691
Shipment Date:	19941122
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	95085259
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941122
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	95085259
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ISACKSON MOTORS (Continued) **1000173607**

Shipment Date:	19940928
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941003
Manifest ID:	95071157
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940928
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941003
Manifest ID:	95071157
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940809
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940824
Manifest ID:	93209458
Trans EPA ID:	CAD980694103
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080011059
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059

ISACKSON MOTORS (Continued) **1000173607**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940802
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940809
Manifest ID:	93683783
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940802
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940809
Manifest ID:	93683783
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P

ISACKSON MOTORS (Continued) **1000173607**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940413
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940422
Manifest ID:	92620935
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940216
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940223
Manifest ID:	93025386
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1095
Waste Quantity:	219
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	ISACKSON MOTORS
edr_fadd1:	601 I

ISACKSON MOTORS (Continued) **1000173607**

City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU152

HWTS:
Name: ISACKSON MOTORS
Address: SIXTH & I ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955210000
EPA ID: CAD981683691
Inactive Date: 06/30/2000
Create Date: 04/10/1987
Last Act Date: 08/10/2004
Mailing Name: Not reported
Mailing Address: 1968 CENTRAL AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: MCKINLEYVILLE, CA 955196120
Owner Name: IVER W ISACKSON
Owner Address: 5222 PATRICK CREEK DR
Owner Address 2: Not reported
Owner City,State,Zip: MCKINLEYVILLE, CA 955219998
Contact Name: IVER W ISACKSON PRESIDENT
Contact Address: INACTIVE PER VQ00 - BMI
Contact Address 2: Not reported
City,State,Zip: MCKINLEYVILLE, CA 955199998

Z137 **JOE MELLO AUTO REPAIR** **CERS HAZ WASTE** **S123097562**
SE **601 I ST STE 3** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.007 mi.
36 ft. **Site 2 of 5 in cluster Z**

Relative:
Lower

Actual:
18 ft.

CERS HAZ WASTE:
Name: JOE MELLO AUTO REPAIR
Address: 601 I ST STE 3
City,State,Zip: ARCATA, CA 95521
Site ID: 126311
CERS ID: 10330957
CERS Description: Hazardous Waste Generator

CERS:
Name: JOE MELLO AUTO REPAIR
Address: 601 I ST STE 3
City,State,Zip: ARCATA, CA 95521
Site ID: 126311
CERS ID: 10330957
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 126311
Site Name: Joe Mello Auto Repair
Violation Date: 03-26-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when

JOE MELLO AUTO REPAIR (Continued) **S123097562**

	storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/28/2018.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	126311
Site Name:	Joe Mello Auto Repair
Violation Date:	07-08-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/17/2014. OBSERVATION: Two 55 gallon drums of waste oil did not have labels on them. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Label these containers and ensure that all hazardous waste containers are marked with all the required information within 14 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126311
Site Name:	Joe Mello Auto Repair
Violation Date:	07-08-2014
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 07/09/2014. OBSERVATION: Two 55 gallon drums of waste oil, one 30 gallon drum of waste antifreeze past accumulation time. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by August 8, 2014.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	126311
Site Name:	Joe Mello Auto Repair
Violation Date:	03-08-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/08/2017. A Notice to Comply and/or Notice

JOE MELLO AUTO REPAIR (Continued) **S123097562**

	of Violation (NOV) was sent to operator based on an electronic review of facility submittals in CERS, resulting in non-compliance of HSC 25508, annual Hazardous Materials Business Plan (HMBP) recertification requirement by this CUPA s submittal date of March 1st.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	126311
Site Name:	Joe Mello Auto Repair
Violation Date:	03-26-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/28/2018. A Notice to Comply and/or Notice of Violation (NOV) was sent to operator based on an electronic review of facility submittals in CERS, resulting in non-compliance of HSC 25508, annual Hazardous Materials Business Plan (HMBP) recertification requirement by this CUPA s submittal date of March 1st.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	126311
Site Name:	Joe Mello Auto Repair
Violation Date:	04-18-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/08/2017. A Notice to Comply and/or Notice of Violation (NOV) was sent to operator based on an electronic review of facility submittals in CERS, resulting in non-compliance of HSC 25508, annual Hazardous Materials Business Plan (HMBP) recertification requirement by this CUPA s submittal date of March 1st.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	03-26-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-08-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

JOE MELLO AUTO REPAIR (Continued) **S123097562**

Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-19-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

JOE MELLO AUTO REPAIR (Continued) **S123097562**

Eval General Type: Other/Unknown
Eval Date: 04-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste containers labeled and disposal receipts available.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Annually certified and site map updated.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 126311
Site Name: Joe Mello Auto Repair
Site Address: 601 I ST STE 3
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 07-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW

JOE MELLO AUTO REPAIR (Continued) **S123097562**

Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Environmental Contact
Entity Name: Joe Mello
Entity Title: Not reported
Affiliation Address: 601 I St Ste 3
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 601 I ST Ste 3
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Joe Mello
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 822-6004,

Affiliation Type Desc: Identification Signer
Entity Name: Joe Mello
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Joe Mello
Entity Title: Not reported
Affiliation Address: Not reported

JOE MELLO AUTO REPAIR (Continued) **S123097562**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Joe Mello
Entity Title:	Not reported
Affiliation Address:	601 I St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-6004,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Joe Mello Auto Repair
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Danco (RUS)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 825-1582,

Z138 **JOE MELLO AUTO REPAIR** **CUPA Listings** **S110738147**
SE **601 I ST STE 3** **N/A**
< 1/8 **ARCATA, CA 95521**
0.007 mi.
36 ft. **Site 3 of 5 in cluster Z**

Relative: CUPA HUMBOLDT:
Lower

Name:	JOE MELLO AUTO REPAIR
Address:	601 I ST STE 3
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001701
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10330957
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0004091
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/21/2021

Actual:
18 ft.

JOE MELLO AUTO REPAIR (Continued) **S110738147**

Update By:	DADAMS
Contact Name:	Joe Mello
Day Phone:	7078226004
Latitude:	40.86698
Longitude:	-124.0887
Name:	JOE MELLO AUTO REPAIR
Address:	601 I ST STE 3
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001701
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10330957
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0000896
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/21/2021
Update By:	DADAMS
Contact Name:	Joe Mello
Day Phone:	7078226004
Latitude:	40.86698
Longitude:	-124.0887

AA139 **SCHMIDBAUER ARCATA MILL** **LUST** **S102949351**
WNW **1695 TENTH** **CPS-SLIC** **N/A**
< 1/8 **ARCATA, CA 95521** **Cortese**
0.013 mi. **HIST CORTESE**
68 ft. **Site 1 of 4 in cluster AA**

Relative: **Lower**
Actual: **16 ft.**

LUST:

Name:	SCHMIDBAUER ARCATA MILL
Address:	1695 TENTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300455
Global Id:	T0602300455
Latitude:	40.8699198000107
Longitude:	-124.09649581057
Status:	Completed - Case Closed
Status Date:	06/23/2003
Case Worker:	ZZZ
RB Case Number:	1THU655
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12655
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0602300455
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP

SCHMIDBAUER ARCATA MILL (Continued) **S102949351**

Address: 100 H STREET, SUITE 100
City: EUREKA
Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300455
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 06/23/2003
Action: Closure/No Further Action Letter - #12655.RACC

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 05/22/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 05/29/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 06/05/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300455
Action Type: Other
Date: 12/18/1997
Action: Leak Discovery

Global Id: T0602300455
Action Type: REMEDIATION
Date: 05/16/2000
Action: Other (Use Description Field)

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 08/30/2002
Action: Staff Letter

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 09/03/2002
Action: Staff Letter

Global Id: T0602300455
Action Type: ENFORCEMENT

SCHMIDBAUER ARCATA MILL (Continued) **S102949351**

Date: 05/23/2003
Action: Closure/No Further Action Letter

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 06/13/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300455
Action Type: ENFORCEMENT
Date: 06/23/2003
Action: Closure/No Further Action Letter

Global Id: T0602300455
Action Type: Other
Date: 12/18/1997
Action: Leak Reported

Global Id: T0602300455
Action Type: RESPONSE
Date: 03/19/2003
Action: Request for Closure

Global Id: T0602300455
Action Type: Other
Date: 12/18/1997
Action: Leak Stopped

LUST:
Global Id: T0602300455
Status: Open - Case Begin Date
Status Date: 12/18/1997

Global Id: T0602300455
Status: Open - Site Assessment
Status Date: 12/29/1997

Global Id: T0602300455
Status: Open - Site Assessment
Status Date: 07/23/1998

Global Id: T0602300455
Status: Open - Site Assessment
Status Date: 02/25/1999

Global Id: T0602300455
Status: Open - Remediation
Status Date: 12/28/1999

Global Id: T0602300455
Status: Open - Remediation
Status Date: 05/16/2000

Global Id: T0602300455
Status: Open - Verification Monitoring
Status Date: 01/28/2003

SCHMIDBAUER ARCATA MILL (Continued) **S102949351**

Global Id: T0602300455
Status: Completed - Case Closed
Status Date: 06/23/2003

LUST REG 1:
Region: 1
Facility ID: 1THU655
Staff Initials: HUM

SLIC REG 1:
Region: 1
Facility ID: 1NHU655
Staff Initials: KSA

CORTESE:
Name: SCHMIDBAUER ARCATA MILL
Address: 1695 TENTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300455
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SCHMIDBAUER ARCATA MILL
edr_fadd1: 1695 TENTH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU655

AA140 **SCHMIDBAUER ARCATA MILL** **RCRA-SQG** **1012210467**
WNW **1695 TENTH STREET** **CAR000204586**
< 1/8 **ARCATA, CA 95521**
0.013 mi.
68 ft. **Site 2 of 4 in cluster AA**

Relative: **Lower**
Actual: **16 ft.**

RCRA-SQG:

Date Form Received by Agency:		20100105
Handler Name:	SCHMIDBAUER ARCATA MILL	
Handler Address:		1695 TENTH STREET
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAR000204586
Contact Name:		TOM STERN
Contact Address:		1099 WATERFRONT DR
Contact City,State,Zip:		EUREKA, CA 95501
Contact Telephone:		707-443-7024
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1099 WATERFRONT DR
Mailing City,State,Zip:		EUREKA, CA 95501
Owner Name:		GEORGE SCHMIDBAUER
Owner Type:		Private
Operator Name:		GEORGE SCHMIDBAUER
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SCHMIDBAUER ARCATA MILL (Continued) **1012210467**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100113
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F032
Waste Description:	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSE THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE SCHMIDBAUER
Legal Status:	Private
Date Became Current:	19720724
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 152
Owner/Operator City,State,Zip:	EUREKA, CA 95502
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SCHMIDBAUER ARCATA MILL (Continued) **1012210467**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGE SCHMIDBAUER
Legal Status: Private
Date Became Current: 19720724
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100105
Handler Name: SCHMIDBAUER ARCATA MILL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 321113
NAICS Description: SAWMILLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H141 **SHOLES OVERHEAD DOOR COMPANY** **HIST UST** **U001611508**
NNE **1485 L ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.015 mi.
81 ft. **Site 2 of 4 in cluster H**

Relative:
Higher
Actual:
47 ft.

HIST UST:
Name: SHOLES OVERHEAD DOOR COMPANY
Address: 1485 L ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000010029
Facility Type: Other
Other Type: GARAGE DOOR
Contact Name: ROBERT SHOLES

SHOLES OVERHEAD DOOR COMPANY (Continued) **U001611508**

Telephone:	7078223371
Owner Name:	ROBERT L. SHOLES
Owner Address:	1835 TIMOTHY RD.
Owner City,St,Zip:	MCKINLEYVILLE, CA 95521
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	RDHB4
Year Installed:	79
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16"
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	RDHB2
Year Installed:	79
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	3/16"
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	RDHB1
Year Installed:	79
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	10
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	RDR2
Year Installed:	79
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	3/16"
Leak Detection:	Stock Inventor

H142 **SHOLES QVERHEAD DOOR COMPANY** **HIST UST** **S118415384**
NNE **1485 L STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.015 mi.
81 ft. **Site 3 of 4 in cluster H**

Relative: **Higher**
Actual: **47 ft.**

HIST UST:

Name:	SHOLES QVERHEAD DOOR COMPANY
Address:	1485 L STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	000260D5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000260D5.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

H143 **SHOLES OVERHEAD DOOR COMPANY** **SWEEPS UST** **S101627571**
NNE **1485 L ST** **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.015 mi.
81 ft. **Site 4 of 4 in cluster H**

Relative: **Higher**
Actual: **47 ft.**

SWEEPS UST:

Name:	SHOLES OVERHEAD DOOR COMPANY
Address:	1485 L ST
City:	ARCATA
Status:	Not reported
Comp Number:	10029
Number:	Not reported
Board Of Equalization:	44-004868
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-010029-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	5

SHOLES OVERHEAD DOOR COMPANY (Continued) **S101627571**

Name: SHOLES OVERHEAD DOOR COMPANY
Address: 1485 L ST
City: ARCATA
Status: Not reported
Comp Number: 10029
Number: Not reported
Board Of Equalization: 44-004868
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-010029-000002
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: SHOLES OVERHEAD DOOR COMPANY
Address: 1485 L ST
City: ARCATA
Status: Not reported
Comp Number: 10029
Number: Not reported
Board Of Equalization: 44-004868
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-010029-000003
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: SHOLES OVERHEAD DOOR COMPANY
Address: 1485 L ST
City: ARCATA
Status: Not reported
Comp Number: 10029
Number: Not reported
Board Of Equalization: 44-004868
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-010029-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

SHOLES OVERHEAD DOOR COMPANY (Continued) **S101627571**

Content: REG UNLEADED
Number Of Tanks: Not reported

Name: SHOLES OVERHEAD DOOR COMPANY
Address: 1485 L ST
City: ARCATA
Status: Not reported
Comp Number: 10029
Number: Not reported
Board Of Equalization: 44-004868
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-010029-000005
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 12001221
Regulated By: UTNKI
Regulated ID: 00010029
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

R144 **HPRC ARCATA** **CUPA Listings** **S126009223**
SSE **980 6TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.017 mi.
90 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
19 ft.

CUPA HUMBOLDT:
Name: HPRC ARCATA
Address: 980 6TH ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0006324
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP - CAN
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active

HPRC ARCATA (Continued) **S126009223**

CERS ID:	10828111
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0010596
District:	N - North
SIC Code:	(none)
Last Touched:	01/02/2020
Update By:	JGONZALEZ
Contact Name:	Mariellen Jurkovich
Day Phone:	7078267988
Latitude:	40.86721
Longitude:	-124.0894

AB145 **ARCATA HIGH SCHOOL** **SWEEPS UST** **U001611399**
NNE **1720 M ST** **HIST UST** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
0.021 mi.
112 ft. **Site 1 of 5 in cluster AB**

Relative:
Higher

Actual:
45 ft.

SWEEPS UST:

Name:	ARCATA HIGH SCHOOL
Address:	1720 M ST
City:	ARCATA
Status:	Not reported
Comp Number:	46729
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-046729-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	2

Name:	ARCATA HIGH SCHOOL
Address:	1720 M ST
City:	ARCATA
Status:	Not reported
Comp Number:	46729
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-046729-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

ARCATA HIGH SCHOOL (Continued) **U001611399**

HIST UST:

Name:	ARCATA HIGH SCHOOL
Address:	1720 M ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000046729
Facility Type:	Other
Other Type:	BOILER
Contact Name:	ERNIE SOUSA
Telephone:	7078221731
Owner Name:	NORTHERN HUMBOLDT UNION HIGH S
Owner Address:	1300 MURRAY ROAD
Owner City,St,Zip:	MCKINLEYVILLE, CA 95521
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual

HWTS:

Name:	ARCATA HIGH SCHOOL
Address:	1720 M ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAC002356983
Inactive Date:	01/11/2002
Create Date:	06/22/2001
Last Act Date:	01/17/2002
Mailing Name:	Not reported
Mailing Address:	1720 M ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 955210000
Owner Name:	NORTHERN HUMBOLT UNION USD
Owner Address:	1720 M ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955210000
Contact Name:	NESTOR MEJIA/ PROJ MGR
Contact Address:	964 GREENWOOD AVE
Contact Address 2:	Not reported
City,State,Zip:	BLUE LAKE, CA 955250000

AB146 **NHUHSD - ARCATA HIGH SCHOOL** **CERS HAZ WASTE** **S123102826**
NNE **1720 M ST** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.021 mi.
112 ft. **Site 2 of 5 in cluster AB**

Relative:
Higher

Actual:
45 ft.

CERS HAZ WASTE:
Name: NHUHSD - ARCATA HIGH SCHOOL
Address: 1720 M ST
City,State,Zip: ARCATA, CA 95521
Site ID: 52111
CERS ID: 10021069
CERS Description: Hazardous Waste Generator

CERS:
Name: NHUHSD - ARCATA HIGH SCHOOL
Address: 1720 M ST
City,State,Zip: ARCATA, CA 95521
Site ID: 52111
CERS ID: 10021069
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 02-02-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes: Returned to compliance on 02/26/2018. Observed incomplete labels on Waste oil and Waste antifreeze drums in auto shop. Additionally, no label on small waste solvent/paint thinner container in wood shop. The mobile waste oil containers were missing "Used oil : Drain daily" verbage, as well. All containers of hazardous waste must be labeled with generator name and information, including EPA ID number, hazardous and physical characteristics of the waste, and accumulation start date, Obtain labels for containers missing labels and completely fill out the incomplete labels on the waste oil and waste antifreeze drums within 30 days and submit a signed "Self Certification of Return to Compliance" form to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 12-11-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/11/2014. OBSERVATION: The 55 gallon container of waste oil did not have a label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6)

NHUHSD - ARCATA HIGH SCHOOL (Continued) **S123102826**

accumulation start date. CORRECTIVE ACTION: Label the container within 14 days and ensure that all hazardous waste containers are marked with all the required information. Send DEH the"Self Certification Return to Compliance" form within the 14 day timeframe.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 12-11-2014
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes: Returned to compliance on 01/21/2015. OBSERVATION: Copies of hazardous waste disposal records for were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Waste oil and used oil filters are being taken to the NHUHSD bus garage but not being documented. Document all hazardous waste drop offs in the future and keep records for the last three years and maintain them on site.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 01-26-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/26/2016. OBSERVATION: Annual training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 01-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 04/15/2016. OBSERVATION: The annotated site map does not have all required elements. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS) within 30 days.

NHUHSD - ARCATA HIGH SCHOOL (Continued) **S123102826**

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Violation Date: 12-11-2014
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/08/2015. OBSERVATION: Emergency/spill response and safe chemical handling training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the DEH demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health

NHUHSD - ARCATA HIGH SCHOOL (Continued) **S123102826**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Training completed 1/29/18.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Waste oil is being transported to NHUSD Bus Garage and documented internally.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 52111
Site Name: NHUHSD - Arcata High School
Site Address: 1720 M ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 12-11-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 52111
Site Name: NHUHSD - Arcata High School
Site Address: 1720 M ST

NHUHSD - ARCATA HIGH SCHOOL (Continued) **S123102826**

Site City: ARCATA
Site Zip: 95521
Enf Action Date: 12-11-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 52111
Facility Name: NHUHSD - Arcata High School
Env Int Type Code: HWG
Program ID: 10021069
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.876403
Longitude: -124.089862

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Jim Hogan
Entity Title: Head Custodian
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Northern Humboldt Union High School District
Entity Title: Not reported
Affiliation Address: 2755 McKinleyville Ave
Affiliation City: McKinleyville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95519
Affiliation Phone: (707) 839-6400,

Affiliation Type Desc: Operator
Entity Name: Jim Hogan
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 825-2400,

Affiliation Type Desc: Environmental Contact
Entity Name: Jim Hogan
Entity Title: Not reported
Affiliation Address: 1720 M St
Affiliation City: Arcata

NHUHSD - ARCATA HIGH SCHOOL (Continued) **S123102826**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Document Preparer
Entity Name:	Jim Hogan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1720 M ST
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Northern Humboldt Union High School District
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AB147 **ARCATA HIGH SCHOOL** **RCRA NonGen / NLR** **1024794608**
NNE **1720 M ST** **CAL000149244**
< 1/8 **ARCATA, CA 95527**
0.021 mi.
112 ft. **Site 3 of 5 in cluster AB**

Relative: **Higher**
Actual: **45 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19940919
Handler Name:	ARCATA HIGH SCHOOL	
Handler Address:		1720 M ST
Handler City,State,Zip:		ARCATA, CA 95527-0000
EPA ID:		CAL000149244

ARCATA HIGH SCHOOL (Continued) **1024794608**

Contact Name:	MERRITT FORD
Contact Address:	2755 MCKINLEYVILLE AVE.
Contact City,State,Zip:	MCKINLEYVILLE, CA 95519
Contact Telephone:	707-599-2581
Contact Fax:	Not reported
Contact Email:	MERRITT@NOHUM.K12.CA.US
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2755 MCKINLEYVILLE AVE
Mailing City,State,Zip:	MCKINLEYVILLE, CA 95519-3400
Owner Name:	NO HUMBOLT UNION HG SCH DIST
Owner Type:	Other
Operator Name:	MERRITT FORD
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

ARCATA HIGH SCHOOL (Continued) **1024794608**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO HUMBOLT UNION HG SCH DIST
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2755 MCKINLEYVILLE AVE
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519-0000
Owner/Operator Telephone:	707-839-6470
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MERRITT FORD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2755 MCKINLEYVILLE AVE.
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519
Owner/Operator Telephone:	707-599-2581
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19940919
Handler Name: ARCATA HIGH SCHOOL	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

ARCATA HIGH SCHOOL (Continued) **1024794608**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AB148 **ARCATA HIGH SCHOOL** **LUST** **S103978773**
NNE **1720 M STREET** **HIST UST** **N/A**
< 1/8 **ARCATA, CA 95521** **Cortese**
0.021 mi. **CUPA Listings**
112 ft. **Site 4 of 5 in cluster AB** **HIST CORTESE**
CIWQS

Relative: Higher

Actual: 45 ft.

LUST:
Name: ARCATA HIGH SCHOOL
Address: 1720 M STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300171
Global Id: T0602300171
Latitude: 40.875995
Longitude: -124.089568
Status: Completed - Case Closed
Status Date: 07/05/1994
Case Worker: ZZZ
RB Case Number: 1THU230
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300171
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075762220

LUST:
Global Id: T0602300171

ARCATA HIGH SCHOOL (Continued) **S103978773**

Action Type: Other
Date: 03/19/1990
Action: Leak Discovery

Global Id: T0602300171
Action Type: ENFORCEMENT
Date: 03/23/1990
Action: * Historical Enforcement

Global Id: T0602300171
Action Type: Other
Date: 03/19/1990
Action: Leak Reported

Global Id: T0602300171
Action Type: Other
Date: 03/19/1990
Action: Leak Stopped

LUST:
Global Id: T0602300171
Status: Open - Case Begin Date
Status Date: 03/19/1990

Global Id: T0602300171
Status: Open - Site Assessment
Status Date: 03/23/1990

Global Id: T0602300171
Status: Open - Site Assessment
Status Date: 04/29/1991

Global Id: T0602300171
Status: Open - Remediation
Status Date: 07/04/1994

Global Id: T0602300171
Status: Open - Site Assessment
Status Date: 07/04/1994

Global Id: T0602300171
Status: Open - Verification Monitoring
Status Date: 07/04/1994

Global Id: T0602300171
Status: Completed - Case Closed
Status Date: 07/05/1994

HIST UST:
Name: ARCATA HIGH SCHOOL
Address: 1720 M STREET
City,State,Zip: ARCATA, CA 95521
File Number: 00026024
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026024.pdf
Region: Not reported

ARCATA HIGH SCHOOL (Continued) **S103978773**

Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CORTESE:

Name:	ARCATA HIGH SCHOOL
Address:	1720 M STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300171
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA HUMBOLDT:

Name:	NHUHSD - ARCATA HIGH SCHOOL
Address:	1720 M ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002197
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active

ARCATA HIGH SCHOOL (Continued) **S103978773**

CERS ID:	10021069
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007201
District:	N - North
SIC Code:	8211 - Elementary and secondary schools
Last Touched:	02/10/2021
Update By:	DADAMS
Contact Name:	Jim Hogan
Day Phone:	7078252400
Latitude:	40.87635
Longitude:	-124.0898

Name:	NHUHSD - ARCATA HIGH SCHOOL
Address:	1720 M ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002197
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10021069
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001487
District:	N - North
SIC Code:	8211 - Elementary and secondary schools
Last Touched:	02/10/2021
Update By:	DADAMS
Contact Name:	Jim Hogan
Day Phone:	7078252400
Latitude:	40.87635
Longitude:	-124.0898

HIST CORTESE:

edr_fname:	ARCATA HIGH SCHOOL
edr_fadd1:	1720 M
City,State,Zip:	ARCATA, CA 95527
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU230

CIWQS:

Name:	ARCATA HIGH SCHOOL
Address:	1720 M STREET
City,State,Zip:	ARCATA, CA 95521
Agency:	Arcata High School
Agency Address:	1720 M Street, Arcata, CA 95521
Place/Project Type:	Construction - Other: School
SIC/NAICS:	Not reported
Region:	1
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	1 12C390862
NPDES Number:	CAS000002

ARCATA HIGH SCHOOL (Continued) **S103978773**

Adoption Date:	Not reported
Effective Date:	07/22/2020
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	40.87674
Longitude:	-124.08907

---

149 **ENTERPRISE RENT A CAR BRANCH #3022** **RCRA NonGen / NLR** **1025868291**
SSE **350 I ST** **CAL000358609**
< 1/8 **ARCATA, CA 95521**
0.027 mi.
143 ft.

Relative: **Lower**

Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20101109
Handler Name:	ENTERPRISE RENT A CAR BRANCH #3022
Handler Address:	350 I ST
Handler City,State,Zip:	ARCATA, CA 95521-6601
EPA ID:	CAL000358609
Contact Name:	SEAN VERRAN
Contact Address:	150 N SUNRISE AVE
Contact City,State,Zip:	ROSEVILLE, CA 95661
Contact Telephone:	916-787-4500
Contact Fax:	916-779-1097
Contact Email:	SEAN.J.VERRAN@EHI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	150 N SUNRISE AVE
Mailing City,State,Zip:	ROSEVILLE, CA 95661
Owner Name:	ENTERPRISE RENT A CAR CO OF SAC LLC
Owner Type:	Other
Operator Name:	SEAN VERRAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes

ENTERPRISE RENT A CAR BRANCH #3022 (Continued) **1025868291**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ENTERPRISE RENT A CAR CO OF SAC LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	150 N SUNRISE AVE
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661-0000
Owner/Operator Telephone:	916-787-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ENTERPRISE RENT A CAR BRANCH #3022 (Continued) **1025868291**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEAN VERRAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 150 N SUNRISE AVE
Owner/Operator City,State,Zip: ROSEVILLE, CA 95661
Owner/Operator Telephone: 916-787-4500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20101109
Handler Name: ENTERPRISE RENT A CAR BRANCH #3022
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 532111
NAICS Description: PASSENGER CAR RENTAL

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Z150 **PG&E: ARCATA SUBSTATION** **CUPA Listings** **S110738266**
SE **620 I ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.030 mi.
159 ft. **Site 4 of 5 in cluster Z**

Relative: Higher
Actual: 20 ft.

CUPA HUMBOLDT:
Name: PG&E: ARCATA SUBSTATION
Address: 620 I ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0002465
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10020862
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING

PG&E: ARCATA SUBSTATION (Continued) **S110738266**

Record ID:	PR0001894
District:	N - North
SIC Code:	4911 - Electric services
Last Touched:	02/11/2021
Update By:	DADAMS
Contact Name:	Issac Gleaton
Day Phone:	7074455584
Latitude:	40.86707
Longitude:	-124.0886

Z151 **ARCATA SUBSTATION** **AST** **A100323052**
SE **620 I ST** **N/A**
< 1/8 **ARCATA, CA**
0.030 mi.
159 ft. **Site 5 of 5 in cluster Z**

Relative:
Higher

Actual:
20 ft.

AST:

Name:	ARCATA SUBSTATION
Address:	620 I ST
City/Zip:	ARCATA,
Certified Unified Program Agencies:	Humboldt
Owner:	PG & E
Total Gallons:	10,479
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

AA152 **ARCATA BODY SHOP** **CERS HAZ WASTE** **S123103638**
WNW **823 Q ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.031 mi.
165 ft. **Site 3 of 4 in cluster AA**

Relative:
Lower

Actual:
15 ft.

CERS HAZ WASTE:

Name:	ARCATA BODY SHOP
Address:	823 Q ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	6480
CERS ID:	10330585
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	6480
Site Name:	Arcata Body Shop
Violation Date:	01-05-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 01/08/2015. OBSERVATION: Inspector observed an unmarked 55 gallon drum in the side yard. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Make a hazardous waste determination for the 55 gallon drum within 30 days and if hazardous, manage it according to the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by February 7, 2015.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	6480
Site Name:	Arcata Body Shop
Violation Date:	01-05-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/08/2015. OBSERVATION: 5 gallon bucket of waste paint thinner cakes did not have a label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Label the container within 14 days and ensure that all hazardous waste containers are marked with all the required information. Send DEH the "Self certification return to compliance" form within 14 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-28-2020

ARCATA BODY SHOP (Continued) **S123103638**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 6480
Site Name: Arcata Body Shop
Site Address: 823 Q ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 01-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 6480
Facility Name: Arcata Body Shop
Env Int Type Code: HWG
Program ID: 10330585
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.869890

ARCATA BODY SHOP (Continued) **S123103638**

Longitude: -124.095490

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	823 q st.
Affiliation City:	ARCATA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Arcata Body Shop
Entity Title:	Not reported
Affiliation Address:	PO Box 154
Affiliation City:	Bayside
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95524-0154
Affiliation Phone:	(707) 822-2352,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Arcata Body Shop
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ami & jason cueto
Entity Title:	Not reported
Affiliation Address:	823 Q. St.
Affiliation City:	ARCATA
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	jason cueto
Entity Title:	Not reported
Affiliation Address:	Not reported

ARCATA BODY SHOP (Continued) **S123103638**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-2352,

AA153 **ARCATA BODY SHOP** **CUPA Listings** **S110737885**
WNW **823 Q ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.031 mi.
165 ft. **Site 4 of 4 in cluster AA**

Relative: **Lower**
Actual: **15 ft.**

CUPA HUMBOLDT:

Name:	ARCATA BODY SHOP
Address:	823 Q ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000101
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10330585
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0002420
District:	N - North
SIC Code:	7532 - Top & body repair & paint shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Ami Cueto
Day Phone:	7078222352
Latitude:	40.87071
Longitude:	-124.0961

AB154 **ARCATA HIGH SCHOOL** **LUST** **S104163357**
NNE **M STREET 1720** **N/A**
< 1/8 **ARCATA, CA**
0.036 mi.
190 ft. **Site 5 of 5 in cluster AB**

Relative: **Higher**
Actual: **66 ft.**

LUST REG 1:

Region:	1
Facility ID:	1THU230
Staff Initials:	Closed

AC155 **JAMES C DANIELSON DDS** **CUPA Listings** **S125472025**
East **1019 10TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.037 mi.
197 ft. **Site 1 of 4 in cluster AC**

Relative:
Higher

Actual:
24 ft.

CUPA HUMBOLDT:

Name:	JAMES C DANIELSON DDS
Address:	1019 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001681
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10330945
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0001814
District:	N - North
SIC Code:	8021 - Offices and clinics of dentists
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	James C. Danielson DDS
Day Phone:	7078223266
Latitude:	Not reported
Longitude:	Not reported

AC156 **BARRY M LEE DDS** **CUPA Listings** **S113102929**
East **1017 10TH ST** **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
0.038 mi.
199 ft. **Site 2 of 4 in cluster AC**

Relative:
Higher

Actual:
24 ft.

CUPA HUMBOLDT:

Name:	BARRY M LEE DDS
Address:	1017 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000223
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10330678
Facility Status:	05 - CLOSED
Record ID:	PR0001816
District:	N - North
SIC Code:	8020 - Offices and Clinics of Dentists
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Barry M Lee
Day Phone:	7078223584
Latitude:	40.87025
Longitude:	-124.0889

HAZNET:

Name:	BARRY M LEE DDS
Address:	1017 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000

BARRY M LEE DDS (Continued) **S113102929**

Contact: STEPHANIE BIGHAM-RECEPTIONIST
Telephone: 7078223584
Mailing Name: Not reported
Mailing Address: 1017 10TH ST

Year: 2014
Gepaid: CAL000200359
TSD EPA ID: CAD981429673
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417

Year: 2013
Gepaid: CAL000200359
TSD EPA ID: CAD008252405
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.033

Year: 2011
Gepaid: CAL000200359
TSD EPA ID: CAD981429673
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417

Year: 2010
Gepaid: CAL000200359
TSD EPA ID: CAD008252405
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.033

Year: 2010
Gepaid: CAL000200359
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: -
Tons: 0.02085

Year: 2010
Gepaid: CAL000200359
TSD EPA ID: CAD008252405
CA Waste Code: -
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: Not reported

Year: 2009
Gepaid: CAL000200359
TSD EPA ID: CAD981429673
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417

Year: 2008
Gepaid: CAL000200359
TSD EPA ID: CAD008252405

BARRY M LEE DDS (Continued) **S113102929**

CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0165

Year: 2008
Gepaid: CAL000200359
TSD EPA ID: CAD981429673
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417

Year: 2007
Gepaid: CAL000200359
TSD EPA ID: CAD981429673
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2008
Gen EPA ID: CAL000200359

Shipment Date: 20080611
Creation Date: 11/18/2008 18:30:08
Receipt Date: 20080619
Manifest ID: 000933676JJK
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFC RESOURCE RECOVERY SERVICE
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0165
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080611
Creation Date: 8/8/2008 18:30:16
Receipt Date: 20080612
Manifest ID: 003495934JJK
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported

BARRY M LEE DDS (Continued) **S113102929**

Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 0.0417
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000200359

Shipment Date: 20040610
Creation Date: 11/1/2004 9:00:46
Receipt Date: 20040616
Manifest ID: 23533168
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0165
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040610
Creation Date: 10/15/2004 15:16:06
Receipt Date: 20040611
Manifest ID: 23759784
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID: CAD981429673
TSDF Alt Name: Not reported

BARRY M LEE DDS (Continued) **S113102929**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000200359
Shipment Date:	20100325
Creation Date:	12/3/2010 18:31:11
Receipt Date:	20100412
Manifest ID:	002468216FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE AND RECOVERY SERVICE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100325
Creation Date:	12/3/2010 18:31:11
Receipt Date:	20100412
Manifest ID:	003495961JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE AND RECOVERY SERVICE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.033
Waste Quantity:	10

BARRY M LEE DDS (Continued) **S113102929**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100325
Creation Date:	12/3/2010 18:31:11
Receipt Date:	20100412
Manifest ID:	002468216FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE AND RECOVERY SERVICE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000200359
Shipment Date:	20051207
Creation Date:	1/4/2007 18:30:12
Receipt Date:	20051208
Manifest ID:	24874063
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	CAD981429673
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

BARRY M LEE DDS (Continued) **S113102929**

Additional Code 5:	Not reported
Shipment Date:	20050421
Creation Date:	7/21/2005 18:32:26
Receipt Date:	20050425
Manifest ID:	24056530
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	CAD981429673
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000200359
Shipment Date:	20111004
Creation Date:	12/20/2011 18:30:31
Receipt Date:	20111005
Manifest ID:	004535840FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003

BARRY M LEE DDS (Continued) **S113102929**

Gen EPA ID:	CAL000200359
Shipment Date:	20030411
Creation Date:	8/5/2003 18:31:37
Receipt Date:	20030416
Manifest ID:	22682432
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030411
Creation Date:	8/5/2003 18:31:37
Receipt Date:	20030416
Manifest ID:	22682432
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.034
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030402
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030403
Manifest ID:	22167545
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

BARRY M LEE DDS (Continued) **S113102929**

Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: Not reported
TSDF Alt EPA ID: CAD981429673
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000200359

Shipment Date: 20070314
Creation Date: 8/11/2007 18:30:13
Receipt Date: 20070215
Manifest ID: 002182518JJK
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 0.0417
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070311
Creation Date: 9/20/2007 18:30:16
Receipt Date: 20070329
Manifest ID: 002182527JJK
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICE
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

BARRY M LEE DDS (Continued) **S113102929**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.033
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000200359
Shipment Date:	20130625
Creation Date:	12/19/2013 22:15:06
Receipt Date:	20130711
Manifest ID:	006491255FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE AND RECOVERY SERVICE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.033
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000200359
Shipment Date:	20140204
Creation Date:	3/18/2014 22:15:12
Receipt Date:	20140210
Manifest ID:	007157719FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

BARRY M LEE DDS (Continued) **S113102929**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAL000200359
Shipment Date:	20010912
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20010928
Manifest ID:	21038241
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010612
Creation Date:	8/14/2001 0:00:00
Receipt Date:	20010613
Manifest ID:	20940940
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10

BARRY M LEE DDS (Continued) **S113102929**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000200359
Shipment Date:	19991118
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991119
Manifest ID:	97409595
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000200359
Shipment Date:	20020228
Creation Date:	7/17/2002 18:31:10
Receipt Date:	20020301
Manifest ID:	21038637
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.02085
Waste Quantity:	5

BARRY M LEE DDS (Continued) **S113102929**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000200359
Shipment Date:	20001031
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001102
Manifest ID:	98390829
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	6
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000200359
Shipment Date:	20091015
Creation Date:	11/25/2009 18:30:45
Receipt Date:	20091016
Manifest ID:	002182845JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0417
Waste Quantity:	10

BARRY M LEE DDS (Continued) **S113102929**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BARRY M LEE DDS
Address:	1017 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAL000200359
Inactive Date:	06/30/2015
Create Date:	01/04/1999
Last Act Date:	01/27/2016
Mailing Name:	Not reported
Mailing Address:	1017 10TH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 955210000
Owner Name:	BARRY M LEE DDS
Owner Address:	1017 10TH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955210000
Contact Name:	STEPHANIE BIGHAM-RECEPTIONIST
Contact Address:	1017 10TH ST
Contact Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000

NAICS:

EPA ID:	CAL000200359
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	62121
NAICS Description:	Offices of Dentists
Issued EPA ID Date:	1999-01-04 00:00:00
Inactive Date:	2015-06-30 00:00:00
Facility Name:	BARRY M LEE DDS
Facility Address:	1017 10TH ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955210000

AD157 **CYPRESS GROVE CHEVRE, INC.** **CERS HAZ WASTE** **S123100602**
North **1330 Q ST** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.041 mi.
218 ft. **Site 1 of 3 in cluster AD**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	CYPRESS GROVE CHEVRE, INC.
Address:	1330 Q ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	391012
CERS ID:	10154143
CERS Description:	Hazardous Waste Generator

CYPRESS GROVE CHEVRE, INC. (Continued) **S123100602**

CERS:
Name: CYPRESS GROVE CHEVRE, INC.
Address: 1330 Q ST
City,State,Zip: ARCATA, CA 95521
Site ID: 391012
CERS ID: 10154143
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 391012
Site Name: Cypress Grove Chevre, Inc.
Violation Date: 12-12-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 12/19/2017. Observed three waste oil filters stored outside of a closed container on top of a 55 gall waste oil drum. All waste filters must be stored inside a closed container and labeled with the words "Used oil filters" and the date. Obtain a container and label for the oil filters and submit a "Self Certification of Return to Compliance" form to DEH within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 391012
Site Name: Cypress Grove Chevre, Inc.
Violation Date: 10-20-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 10/28/2015. OBSERVATION: The Emergency Response Plan and procedures are incomplete. CORRECTIVE ACTION: Complete the emergency response plan template and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 391012
Site Name: Cypress Grove Chevre, Inc.
Violation Date: 10-20-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/17/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for -Avoid II, Rm 033 chemical room to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS) within 30 days.

CYPRESS GROVE CHEVRE, INC. (Continued) **S123100602**

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 391012
Site Name: Cypress Grove Chevre, Inc.
Violation Date: 12-12-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/19/2017. Observed 2-30 gallon containers of formula 75 (boiler chemical) and a 55 gallon drum of glycol stored in the boiler room. This is above the threshold reporting requirement for a hazardous material (55 gallons) and must be reported on the haz mat inventory on CERS within 30 days. Update your haz mat inventory to reflect these two chemicals stored onsite and submit a "Self Certification of Return to Compliance" form to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health

CYPRESS GROVE CHEVRE, INC. (Continued) **S123100602**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector recommends storing acids and base containers at lease three feet away from each other or as feasible. The duplicate chemicals stored in the CIP area and the chemical storage area can be reported on CERS as one entry, rather than two. Update max quantities, size of largest container and location on haz mat inventory accordingly.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 391012
Site Name: Cypress Grove Chevre, Inc.
Site Address: 1330 Q ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 10-20-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

CYPRESS GROVE CHEVRE, INC. (Continued) **S123100602**

Coordinates:

Site ID:	391012
Facility Name:	Cypress Grove Chevre, Inc.
Env Int Type Code:	HMBP
Program ID:	10154143
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	40.876420
Longitude:	-124.092830

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Identification Signer
Entity Name:	Angela DeMocko
Entity Title:	QSE Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Angela DeMocko
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Angela DeMocko
Entity Title:	Not reported
Affiliation Address:	1330 Q Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1330 Q Street
Affiliation City:	Arcata

CYPRESS GROVE CHEVRE, INC. (Continued) **S123100602**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Cypress Grove Chevre, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Cypress Grove Chevre
Entity Title:	Not reported
Affiliation Address:	1330 Q St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 825-1100,
Affiliation Type Desc:	Operator
Entity Name:	DAVID ESTES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 498-9432,

AD158 **CYPRESS GROVE CHEVRE** **RCRA NonGen / NLR** **1025868355**
North **1330 Q ST** **CAL000362764**
< 1/8 **ARCATA, CA 95521**
0.041 mi.
218 ft. **Site 2 of 3 in cluster AD**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		20110412
Handler Name:	CYPRESS GROVE CHEVRE	
Handler Address:		1330 Q ST
Handler City,State,Zip:		ARCATA, CA 95521-5740
EPA ID:		CAL000362764
Contact Name:		ANGELA DEMOCKO
Contact Address:		1330 Q ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-825-1100
Contact Fax:		707-825-1101
Contact Email:		ANGELADEMOCKO@CYPRESSGROVECHEESE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

Actual:
22 ft.

CYPRESS GROVE CHEVRE (Continued) **1025868355**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1330 Q ST
Mailing City,State,Zip:	ARCATA, CA 95521-5740
Owner Name:	EMMI HOLDINGS USA
Owner Type:	Other
Operator Name:	ANGELA DEMOCKO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CYPRESS GROVE CHEVRE (Continued) **1025868355**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EMMI HOLDINGS USA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1330 Q ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-5740
Owner/Operator Telephone:	707-825-1100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANGELA DEMOCKO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1330 Q ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-825-1100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110412
Handler Name: CYPRESS GROVE CHEVRE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	311513
NAICS Description:	CHEESE MANUFACTURING

CYPRESS GROVE CHEVRE (Continued) **1025868355**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AD159 **CYPRESS GROVE CHEVRE** **CUPA Listings** **S111456300**
North **1330 Q STREET** **NPDES** **N/A**
< 1/8 **ARCATA, CA 95521** **CIWQS**
0.041 mi. **CERS**
218 ft. **Site 3 of 3 in cluster AD**

Relative:
Higher

Actual:
22 ft.

CUPA HUMBOLDT:

Name:	CYPRESS GROVE CHEVRE, INC.
Address:	1330 Q ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0004878
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10154143
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007179
District:	N - North
SIC Code:	2022 - Cheese, natural and processed
Last Touched:	03/24/2021
Update By:	DADAMS
Contact Name:	Jeremiah Burger
Day Phone:	7078251100
Latitude:	40.87505
Longitude:	-124.0947

Name:	CYPRESS GROVE CHEVRE, INC.
Address:	1330 Q ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0004878
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10154143
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007683
District:	N - North
SIC Code:	2022 - Cheese, natural and processed
Last Touched:	03/24/2021
Update By:	DADAMS
Contact Name:	Jeremiah Burger
Day Phone:	7078251100
Latitude:	40.87505
Longitude:	-124.0947

NPDES:
Name: CYPRESS GROVE CHEVRE

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Address:	1330 Q STREET
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Active
NPDES Number:	CAS000001
Region:	1
Agency Number:	0
Regulatory Measure ID:	462678
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	1 12NEC000762
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/28/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1330 Q Street
Discharge Name:	Cypress Grove Chevre
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	462678
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 12NEC000762
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/10/2015
Processed Date:	09/28/2015
Status:	Active
Status Date:	09/28/2015
Place Size:	18
Place Size Unit:	Acres
Contact:	David Estes
Contact Title:	Not reported
Contact Phone:	707-825-1100

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Contact Phone Ext:	Not reported
Contact Email:	david@cypressgrovechevre.com
Operator Name:	Cypress Grove Chevre
Operator Address:	1330 Q Street
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521
Operator Contact:	David Estes
Operator Contact Title:	Not reported
Operator Contact Phone:	707-825-1100
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	david@cypressgrovechevre.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Janes Creek
Certifier:	David Estes
Certifier Title:	Operations Director
Certification Date:	27-SEP-16
Primary Sic:	2022-Natural, Processed, and Imitation Cheese
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	462678
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC000762

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/28/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cypress Grove Chevre
Discharge Address:	1330 Q Street
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	CYPRESS GROVE CHEVRE
Address:	1330 Q STREET
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12NEC000762
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	09/28/2015
Operator Name:	Cypress Grove Chevre
Operator Address:	1330 Q Street
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	462678
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 12NEC000762
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/10/2015
Processed Date:	09/28/2015
Status:	Active
Status Date:	09/28/2015
Place Size:	18
Place Size Unit:	Acres
Contact:	David Estes
Contact Title:	Not reported
Contact Phone:	707-825-1100
Contact Phone Ext:	Not reported
Contact Email:	david@cypressgrovechevre.com
Operator Name:	Cypress Grove Chevre
Operator Address:	1330 Q Street
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521
Operator Contact:	David Estes
Operator Contact Title:	Not reported
Operator Contact Phone:	707-825-1100
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	david@cypressgrovechevre.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Janes Creek
Certifier:	David Estes
Certifier Title:	Operations Director
Certification Date:	27-SEP-16
Primary Sic:	2022-Natural, Processed, and Imitation Cheese

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	462678
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC000762
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/28/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cypress Grove Chevre
Discharge Address:	1330 Q Street
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

CYPRESS GROVE CHEVRE (Continued) **S111456300**

Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	CYPRESS GROVE CHEVRE
Address:	1330 Q STREET
City,State,Zip:	ARCATA, CA 95521
Agency:	Cypress Grove Chevre
Agency Address:	1330 Q Street, Arcata, CA 95521
Place/Project Type:	Industrial - Natural, Processed, and Imitation Cheese
SIC/NAICS:	2022
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12NEC000762
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/28/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	40.875185
Longitude:	-124.093743

Name:	CYPRESS GROVE CHEVRE
Address:	1330 Q STREET
City,State,Zip:	ARCATA, CA 95521
Agency:	Cypress Grove Chevre
Agency Address:	1330 Q Street, Arcata, CA 95521
Place/Project Type:	Construction - Commercial

CYPRESS GROVE CHEVRE (Continued) **S111456300**

SIC/NAICS:	Not reported
Region:	1
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	1 12C366731
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	06/07/2013
Termination Date:	06/26/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	40.87543
Longitude:	-124.09368

CERS:

Name:	CYPRESS GROVE CHEVRE
Address:	1330 Q STREET
City,State,Zip:	ARCATA, CA 95521
Site ID:	530195
CERS ID:	840108
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-05-2017
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Both onsite wetlands healthy and full of wildlife, clean operation with no evidence of any discharges to ground or stressed vegetation. Site is not a threat to water quality.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Cypress Grove Chevre
Entity Title:	Operator
Affiliation Address:	1330 Q Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

AE160 **ARCATA PARKING LOT** **CPS-SLIC** **S110770345**
SE **789 I STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.042 mi.
222 ft. **Site 1 of 4 in cluster AE**

Relative: **Higher**
Actual: **22 ft.**

CPS-SLIC:

Name:	ARCATA PARKING LOT
Address:	789 I STREET
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/05/2009
Global Id:	T10000002923
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.868333
Longitude:	-124.08865
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NHU975
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Arsenic, Diesel
Site History:	FORMER PARKING LOT FOR CAR SALES. CURRENT PARKING LOT FOR COMMERCIAL CUSTOMERS. NO SOURCES FOR CONTAMINATION HAVE BEEN IDENTIFIED IN HISTORICAL OPERATIONS. A PHSE II ENVIRONMENTAL SITE ASSESSMENT WAS PERFORMED DUE TO THE PROXIMITY OF SEVERAL ADJACENT CONTAMINATED SITES. FOUR SOIL AND THREE GROUNDWATER SAMPLES WERE COLLECTED FROM THREE BORINGS DRILLED AT THE SITE. ONE SOIL SAMPLE CONTAINTAINED DIESEL AT 160 PARTS PER MILLION. NO CONTAMINANTS WERE IDENTIFIED IN GROUNDWATER.

Click here to access the California GeoTracker records for this facility:

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161 **WHITCOMB WILBUR B** **EDR Hist Auto** **1022104993**
NW **1599 11TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.042 mi.
223 ft.

Relative: **Lower**
Actual: **16 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	WHITCOMB WILBUR B	Gasoline Service Stations
1970	WHITCOMB WILBUR B	Gasoline Service Stations

AF162 **THE UNION NEWSPAPER & PRINTING** **HIST UST** **U001611513**
SE **613 H ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.057 mi.
303 ft. **Site 1 of 3 in cluster AF**

Relative: **Higher**
Actual: **20 ft.**

HIST UST:

Name:	THE UNION NEWSPAPER & PRINTING
Address:	613 H ST
City,State,Zip:	ARCATA, CA 95521

THE UNION NEWSPAPER & PRINTING (Continued) **U001611513**

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007185
Facility Type:	Other
Other Type:	NEWSPAPER/PRINTING
Contact Name:	DEAN TACKETTE
Telephone:	7078223661
Owner Name:	HADLEY NEWSPAPERS INC.
Owner Address:	613 H STREET
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	01
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

AF163 **HADLEY NEWSPAPER INC THE UNI** **HIST UST** **U001611449**
SE **613 H ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.057 mi.
303 ft. **Site 2 of 3 in cluster AF**

Relative:
Higher

Actual:
20 ft.

HIST UST:

Name:	HADLEY NEWSPAPER INC THE UNI
Address:	613 H ST
City,State,Zip:	ARCATA, CA 95521
File Number:	00025E8F
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025E8F.pdf
Region:	STATE
Facility ID:	00000045009
Facility Type:	Other
Other Type:	NEWSPAPER
Contact Name:	MARILEE M. HADLEY
Telephone:	7078223661
Owner Name:	HADLEY NEWSPAPER, INC. THE UNI
Owner Address:	613 H ST.
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

AF164 **THE UNION NEWSPAPER AND PRINTING** **HIST UST** **S118416100**
SE **613 H STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.057 mi.
303 ft. **Site 3 of 3 in cluster AF**

Relative: **Higher**
Actual: **20 ft.**

HIST UST:

Name:	THE UNION NEWSPAPER AND PRINTING
Address:	613 H STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025E91
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025E91.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

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165 **AMERICAN HYDROPONICS** **RCRA NonGen / NLR** **1024791194**
SSE **286 S G ST** **CAL000099246**
< 1/8 **ARCATA, CA 95521**
0.064 mi.
337 ft.

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19950309
Handler Name:	AMERICAN HYDROPONICS	
Handler Address:		286 S G ST
Handler City,State,Zip:		ARCATA, CA 95521-2600
EPA ID:		CAL000099246
Contact Name:		JENNIFER BLUM
Contact Address:		286 S G ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-5777
Contact Fax:		707-822-4718
Contact Email:		JENNIFER@AMHYDRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities

AMERICAN HYDROPONICS (Continued) **1024791194**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	286 S G ST
Mailing City,State,Zip:	ARCATA, CA 95521-2600
Owner Name:	SUN CIRCLE, INC
Owner Type:	Other
Operator Name:	JENNIFER BLUM
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No

AMERICAN HYDROPONICS (Continued) **1024791194**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JENNIFER BLUM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	286 S G ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-5777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUN CIRCLE, INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	286 S G ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-2600
Owner/Operator Telephone:	707-822-5777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19950309
Handler Name: AMERICAN HYDROPONICS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	339999
NAICS Description:	ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

AMERICAN HYDROPONICS (Continued) **1024791194**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE166 **PC SACCHI INC** **RCRA-SQG** **1000376591**
SE **865 EIGHTH ST** **CAD982004772**
< 1/8 **ARCATA, CA 95521**
0.069 mi.
362 ft. **Site 2 of 4 in cluster AE**

Relative: **Higher**
Actual: **24 ft.**

RCRA-SQG:

Date Form Received by Agency:		19870619
Handler Name:	PC SACCHI INC	
Handler Address:		865 EIGHTH ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD982004772
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		865 EIGHTH ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-2946
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		PO BOX 2946
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		MW OLSON
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN

PC SACCHI INC (Continued) **1000376591**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MW OLSON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

PC SACCHI INC (Continued) **1000376591**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19870619
Handler Name: PC SACCHI INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE167 **SACCHI PROPERTIES** **LUST** **S105693749**
SE **865 EIGHTH STREET** **CPS-SLIC** **N/A**
< 1/8 **ARCATA, CA 95521** **Cortese**
0.069 mi.
362 ft. **Site 3 of 4 in cluster AE**

Relative:
Higher

Actual:
24 ft.

LUST:
Name: SACCHI PROPERTIES
Address: 865 EIGHTH STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602306416
Global Id: T0602306416
Latitude: 40.8680876371763
Longitude: -124.088040547736
Status: Completed - Case Closed
Status Date: 04/02/2015
Case Worker: ZZZ
RB Case Number: 1THU792
Local Agency: HUMBOLDT COUNTY LOP
File Location: Local Agency
Local Case Number: 12792
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline

SACCHI PROPERTIES (Continued) **S105693749**

Site History: Not reported

LUST:
Global Id: T0602306416
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602306416
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/01/2011
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 09/19/2010
Action: File review

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 10/12/2012
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 11/26/2014
Action: Notification - Public Participation Document

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 02/24/2015
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/06/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/25/2005
Action: Notice of Responsibility

SACCHI PROPERTIES (Continued) **S105693749**

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/24/2005
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/23/2005
Action: Notice of Responsibility

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/05/2003
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 06/03/2003
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 10/07/2003
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 02/26/2007
Action: File review

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 06/02/2005
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 04/05/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 10/05/2005
Action: * No Action

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 10/04/2007
Action: Meeting

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 01/23/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0602306416
Action Type: ENFORCEMENT

SACCHI PROPERTIES (Continued) **S105693749**

Date: 04/02/2007
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/06/2007
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/21/2008
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 12/23/2008
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/17/2009
Action: File review

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 11/26/2014
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 04/02/2015
Action: Closure/No Further Action Letter

Global Id: T0602306416
Action Type: Other
Date: 06/01/2002
Action: Leak Discovery

Global Id: T0602306416
Action Type: RESPONSE
Date: 11/10/2013
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0602306416
Action Type: REMEDIATION
Date: 12/13/2012
Action: Dual Phase Extraction

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/31/2004
Action: Warning Letter

SACCHI PROPERTIES (Continued) **S105693749**

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 03/01/2012
Action: Staff Letter

Global Id: T0602306416
Action Type: Other
Date: 06/11/2002
Action: Leak Reported

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 12/13/2013
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 11/10/2014
Action: Other Report

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 07/20/2010
Action: Meeting

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 09/27/2013
Action: Staff Letter

Global Id: T0602306416
Action Type: Other
Date: 06/01/2002
Action: Leak Stopped

Global Id: T0602306416
Action Type: RESPONSE
Date: 08/21/2008
Action: Soil and Water Investigation Report

Global Id: T0602306416
Action Type: RESPONSE
Date: 09/30/2004
Action: Soil and Water Investigation Report

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/14/2009
Action: Staff Letter

Global Id: T0602306416
Action Type: ENFORCEMENT
Date: 08/26/2009
Action: Staff Letter

LUST:
Global Id: T0602306416

SACCHI PROPERTIES (Continued) **S105693749**

Status: Open - Case Begin Date
Status Date: 06/01/2002

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 06/01/2002

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 03/05/2003

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 06/03/2003

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 10/07/2003

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 03/16/2005

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 10/05/2005

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 02/26/2007

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 04/02/2007

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 08/06/2007

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 10/04/2007

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 11/13/2007

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 01/23/2008

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 02/20/2008

Global Id: T0602306416
Status: Open - Site Assessment

SACCHI PROPERTIES (Continued) **S105693749**

Status Date: 05/14/2008

Global Id: T0602306416
Status: Open - Site Assessment
Status Date: 07/26/2010

Global Id: T0602306416
Status: Open - Eligible for Closure
Status Date: 11/07/2014

Global Id: T0602306416
Status: Completed - Case Closed
Status Date: 04/02/2015

CPS-SLIC:
Name: SACCHI PROPERTIES
Address: 865 EIGHTH STREET
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/11/2007
Global Id: SL0602399734
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.8679999474354
Longitude: -124.088087296959
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1NHU792
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Lead, Waste Oil / Motor / Hydraulic / Lubricating, Stoddard solvent / Mineral Spriits / Distillates
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CORTESE:
Name: SACCHI PROPERTIES
Address: 865 EIGHTH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602306416
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

SACCHI PROPERTIES (Continued) **S105693749**

Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AE168 **P C SACCHI INC** **SWEEPS UST U001611491**
SE **865 8TH STREET** **HIST UST N/A**
< 1/8 **ARCATA, CA 95521**
0.069 mi.
362 ft. **Site 4 of 4 in cluster AE**

Relative:
Higher

Actual:
24 ft.

SWEEPS UST:

Name:	P. C. SACCHI, INC.
Address:	865 8TH ST
City:	ARCATA
Status:	Not reported
Comp Number:	33452
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-033452-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	P. C. SACCHI, INC.
Address:	865 8TH ST
City:	ARCATA
Status:	Not reported
Comp Number:	33452
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-033452-000002
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

HIST UST:

P C SACCHI INC (Continued) **U001611491**

Name:	P C SACCHI INC
Address:	865 8TH STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	0002603A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002603A.pdf
Region:	STATE
Facility ID:	00000033452
Facility Type:	Gas Station
Other Type:	AUTO DEALER
Contact Name:	M. W. OLSON
Telephone:	7078222946
Owner Name:	P. C. SACCHI, INC.
Owner Address:	865 8TH STREET
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

AC169 **RONALD N BARSANTI DDS INC** **CUPA Listings** **S113133085**
East **991 10TH ST** **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
0.070 mi.
370 ft. **Site 3 of 4 in cluster AC**

Relative: CUPA HUMBOLDT:
Higher

Name:	TRISH A BARSANTI DDS
Address:	991 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0003413
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10331272
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0002823
District:	N - North
SIC Code:	8021 - Offices and clinics of dentists
Last Touched:	04/12/2019
Update By:	dba

Actual:
25 ft.

RONALD N BARSANTI DDS INC (Continued) **S113133085**

Contact Name: Trish Barsanti DDS
Day Phone: 7078220381
Latitude: 40.87007
Longitude: -124.0883

HAZNET:
Name: RONALD N BARSANTI DDS INC
Address: 991 10TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955216114
Contact: RONALD BARSANTI
Telephone: 7078220381
Mailing Name: Not reported
Mailing Address: 991 10TH ST

Year: 2005
Gepaid: CAL000284488
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.0165

Additional Info:
Year: 2005
Gen EPA ID: CAL000284488

Shipment Date: 20051102
Creation Date: 7/12/2006 18:30:47
Receipt Date: 20051108
Manifest ID: 24416702
Trans EPA ID: CAR000003707
Trans Name: ONE EARTH ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0165
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: RONALD N BARSANTI DDS INC
Address: 991 10TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955216114

RONALD N BARSANTI DDS INC (Continued) **S113133085**

EPA ID:	CAL000284488
Inactive Date:	07/22/2009
Create Date:	07/14/2004
Last Act Date:	11/22/2010
Mailing Name:	Not reported
Mailing Address:	991 10TH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 955216114
Owner Name:	RONALD N BARSANTI DDS INC
Owner Address:	991 10TH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955216114
Contact Name:	RONALD BARSANTI
Contact Address:	991 10TH ST
Contact Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955216114

NAICS:

EPA ID:	CAL000284488
Create Date:	2004-07-14 11:07:48.370
NAICS Code:	62121
NAICS Description:	Offices of Dentists
Issued EPA ID Date:	2004-07-14 11:07:48.32300
Inactive Date:	2009-07-22 00:00:00
Facility Name:	RONALD N BARSANTI DDS INC
Facility Address:	991 10TH ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955216114

AC170 **TRISH A BARSANTI DDS** **RCRA NonGen / NLR** **1024823531**
East **991 10TH ST** **CAL000344462**
< 1/8 **ARCATA, CA 95521**
0.070 mi.
370 ft. **Site 4 of 4 in cluster AC**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20090702
Handler Name:	TRISH A BARSANTI DDS	
Handler Address:		991 10TH ST
Handler City,State,Zip:		ARCATA, CA 95521-6114
EPA ID:		CAL000344462
Contact Name:		MARK BARSANTI
Contact Address:		1180 8TH STREET
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-0381
Contact Fax:		707-826-0631
Contact Email:		DRBARSANTI@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

TRISH A BARSANTI DDS (Continued) **1024823531**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1180 8TH STREET
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	TRISH A BARSANTI
Owner Type:	Other
Operator Name:	MARK BARSANTI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905

TRISH A BARSANTI DDS (Continued) **1024823531**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRISH A BARSANTI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 146
Owner/Operator City,State,Zip:	BLUE LAKE, CA 95525-0146
Owner/Operator Telephone:	707-822-0381
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK BARSANTI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 8TH STREET
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-0381
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090702
Handler Name: TRISH A BARSANTI DDS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	62121
NAICS Description:	OFFICES OF DENTISTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

TRISH A BARSANTI DDS (Continued) **1024823531**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG171 **JASON T. STUAN, DDS** **CUPA Listings** **S118099795**
ESE **889 9TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.079 mi.
418 ft. **Site 1 of 7 in cluster AG**

Relative:
Higher

Actual:
28 ft.

CUPA HUMBOLDT:

Name:	JASON T. STUAN, DDS
Address:	889 9TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0005527
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10626802
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008691
District:	N - North
SIC Code:	8020 - Offices and Clinics of Dentists
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Amber Urton
Day Phone:	7078220525
Latitude:	40.86921
Longitude:	-124.0876

AG172 **JASON T. STUAN D.D.S.** **CERS HAZ WASTE** **S123103384**
ESE **889 9TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.079 mi.
418 ft. **Site 2 of 7 in cluster AG**

Relative:
Higher

Actual:
28 ft.

CERS HAZ WASTE:

Name:	JASON T. STUAN D.D.S.
Address:	889 9TH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	273138
CERS ID:	10626802
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	273138
Site Name:	Jason T. Stuan D.D.S.
Violation Date:	10-25-2017
Citation:	22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description:	Failure to retain for at least three years a legible copy of each manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.
Violation Notes:	Returned to compliance on 10/26/2017. Operator could not locate

JASON T. STUAN D.D.S. (Continued) **S123103384**

receipts for haz waste pickups for spent photo developer onsite. Last pickup was September 5th. Locate receipt from this pickup within 30 days and send to DEH along with a "Self Certification of Return to Compliance" form.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Silver-Only Waste Generator. Obtain haz waste labels for silver containers that include the words "hazardous waste", contents, generator name and info and hazardous and physical properties of the waste. Containers are currently observed to be empty at this time.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 273138
Facility Name: Jason T. Stuan D.D.S.
Env Int Type Code: HWG
Program ID: 10626802
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.869220
Longitude: -124.087660

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA

JASON T. STUAN D.D.S. (Continued) **S123103384**

Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Identification Signer
Entity Name:	Amber Urton
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Jason T. Stuan
Entity Title:	Not reported
Affiliation Address:	msamberurton@gmail.com
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-0525,
Affiliation Type Desc:	Operator
Entity Name:	Amber Urton
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 599-9087,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Amber Urton
Entity Title:	Not reported
Affiliation Address:	889 9th Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Amber Urton
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported

JASON T. STUAN D.D.S. (Continued) **S123103384**

Affiliation Address:	889 9th Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Jason T. Stuan DDS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AH173 **CHP HUMBOLDT AREA OFFICE** **SWEEPS UST** **S101582068**
SSE **255 E SAMOA BLVD** **HIST UST** **N/A**
< 1/8 **ARCATA, CA 95521** **CA FID UST**
0.083 mi. **CUPA Listings**
440 ft. **Site 1 of 8 in cluster AH**

Relative:
Lower

Actual:
13 ft.

SWEEPS UST:

Name:	CHP HUMBOLDT AREA OFFICE
Address:	255 E SAMOA BLVD
City:	ARCATA
Status:	Active
Comp Number:	14352
Number:	6
Board Of Equalization:	Not reported
Referral Date:	09-25-91
Action Date:	09-25-91
Created Date:	12-06-88
Owner Tank Id:	1
SWRCB Tank Id:	12-000-014352-000001
Tank Status:	A
Capacity:	12000
Active Date:	06-06-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

HIST UST:

Name:	CALIFORNIA HIGHWAY PATROL
Address:	255 EAST SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
File Number:	00025CF7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025CF7.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported

CHP HUMBOLDT AREA OFFICE (Continued) **S101582068**

Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 12000938
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7078225981
Mail To: Not reported
Mailing Address: 255 E SAMOA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CUPA HUMBOLDT:
Name: CALIFORNIA HIGHWAY PATROL HUMBOLDT #125
Address: 255 E EAST SAMOA BLVD
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000624
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10020370
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0002821

CHP HUMBOLDT AREA OFFICE (Continued) **S101582068**

District:	N - North
SIC Code:	9221 - Police protection
Last Touched:	01/27/2021
Update By:	DADAMS
Contact Name:	H. N. Linschoten
Day Phone:	7078225981
Latitude:	40.86168
Longitude:	-124.0786

Name:	CALIFORNIA HIGHWAY PATROL HUMBOLDT #125
Address:	255 E EAST SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000624
Facility Address 2:	Not reported
Program Identifier:	CUPA - APSA Engineered Facility
Program Element Code Desc:	4007 4007 - APSA Engineered Facility
Permit Status:	01 - Active
CERS ID:	10020370
Facility Status:	01 - ACTIVE, BILLABLE
Record ID:	PR0004491
District:	N - North
SIC Code:	9221 - Police protection
Last Touched:	01/27/2021
Update By:	DADAMS
Contact Name:	H. N. Linschoten
Day Phone:	7078225981
Latitude:	40.86168
Longitude:	-124.0786

Name:	CALIFORNIA HIGHWAY PATROL HUMBOLDT #125
Address:	255 E EAST SAMOA BLVD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000624
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020370
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0005610
District:	N - North
SIC Code:	9221 - Police protection
Last Touched:	01/27/2021
Update By:	DADAMS
Contact Name:	H. N. Linschoten
Day Phone:	7078225981
Latitude:	40.86168
Longitude:	-124.0786

AI174 **PRIVATE RESIDENCE** **LUST** **S110654196**
East **PRIVATE RESIDENCE** **N/A**
< 1/8 **ARCATA, CA 95521**
0.084 mi.
445 ft. **Site 1 of 5 in cluster AI**

Relative:
Higher

Actual:
28 ft.

LUST:

Name:	PRIVATE RESIDENCE
Address:	PRIVATE RESIDENCE
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602387037
Global Id:	T0602387037
Latitude:	40.8703226555373
Longitude:	-124.087900542328
Status:	Completed - Case Closed
Status Date:	03/25/2005
Case Worker:	ZZZ
RB Case Number:	1THU904
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12904
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

LUST:

Global Id:	T0602387037
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602387037
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602387037
Action Type:	ENFORCEMENT
Date:	03/25/2005
Action:	Closure Summary - #12904.CCS

Global Id:	T0602387037
Action Type:	ENFORCEMENT
Date:	11/19/2004
Action:	LOP Case Closure Summary to RB

Global Id:	T0602387037
Action Type:	ENFORCEMENT

PRIVATE RESIDENCE (Continued) **S110654196**

Date: 03/25/2005
Action: Closure/No Further Action Letter

Global Id: T0602387037
Action Type: Other
Date: 03/08/2004
Action: Leak Discovery

Global Id: T0602387037
Action Type: REMEDIATION
Date: 03/09/2004
Action: Not reported

Global Id: T0602387037
Action Type: Other
Date: 03/09/2004
Action: Leak Reported

Global Id: T0602387037
Action Type: RESPONSE
Date: 02/17/2005
Action: Other Report / Document

Global Id: T0602387037
Action Type: ENFORCEMENT
Date: 12/15/2004
Action: Staff Letter

Global Id: T0602387037
Action Type: RESPONSE
Date: 09/11/2004
Action: Soil and Water Investigation Report

LUST:
Global Id: T0602387037
Status: Open - Case Begin Date
Status Date: 03/08/2004

Global Id: T0602387037
Status: Open - Site Assessment
Status Date: 03/09/2004

Global Id: T0602387037
Status: Open - Site Assessment
Status Date: 11/19/2004

Global Id: T0602387037
Status: Completed - Case Closed
Status Date: 03/25/2005

AJ175 **SAFEWAY 0793** **CERS HAZ WASTE** **S123097832**
SE **600 F ST** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.085 mi.
449 ft. **Site 1 of 7 in cluster AJ**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:
Name: SAFEWAY 0793
Address: 600 F ST
City,State,Zip: ARCATA, CA 95521
Site ID: 149952
CERS ID: 10156431
CERS Description: Hazardous Waste Generator

CERS:
Name: SAFEWAY 0793
Address: 600 F ST
City,State,Zip: ARCATA, CA 95521
Site ID: 149952
CERS ID: 10156431
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 149952
Site Name: Safeway 0793
Violation Date: 12-08-2014
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 01/05/2015. OBSERVATION: This facility s EPA ID number that is being reported in CERS is inactive. This facility does have an active EPA ID. CORRECTIVE ACTION: Make a CERS submittal with the correct EPA ID number within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2016
Violations Found: No

SAFEWAY 0793 (Continued) **S123097832**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 149952
Site Name: Safeway 0793
Site Address: 600 F ST
Site City: ARCATA
Site Zip: 95521

SAFEWAY 0793 (Continued) **S123097832**

Enf Action Date: 12-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 149952
Facility Name: Safeway 0793
Env Int Type Code: HWG
Program ID: 10156431
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.866170
Longitude: -124.084270

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Environmental Contact
Entity Name: Chris Phillips
Entity Title: Not reported
Affiliation Address: 5918 Stoneridge Mall Rd.
Affiliation City: Pleasanton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94588
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 29096, MS 6515
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: Not reported
Affiliation Zip: 85038
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Safeway, Inc.
Entity Title: Not reported
Affiliation Address: 5918 Stoneridge Mall Rd.
Affiliation City: Pleasanton
Affiliation State: CA
Affiliation Country: United States

SAFEWAY 0793 (Continued) **S123097832**

Affiliation Zip:	94588
Affiliation Phone:	(925) 469-7000,
Affiliation Type Desc:	Document Preparer
Entity Name:	Keith Powers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Chris Phillips
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Safeway, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 469-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Safeway, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AJ176 **CVS PHARMACY #9482** **RCRA-LQG** **1000978341**
SE **600 F STREET** **CA0001007079**
< 1/8 **ARCATA, CA 95521**
0.085 mi.
449 ft. **Site 2 of 7 in cluster AJ**

Relative: RCRA-LQG:
Higher

Date Form Received by Agency:		20160310
Handler Name:	CVS PHARMACY #9482	
Handler Address:		600 F STREET
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CA0001007079
Contact Name:		NICOLE WILKINSON
Contact Address:		CVS DR

Actual:
21 ft.

CVS PHARMACY #9482 (Continued) **1000978341**

Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	401-652-1901
Contact Email:	NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title:	SR. MANAGER, CORPORATE ENVIRONMENTAL
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2015
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	N F N Y BUSINESS TRUST
Owner Type:	Private
Operator Name:	LONGS DRUG STORES CALIFORNIA, L.L.C
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

CVS PHARMACY #9482 (Continued) **1000978341**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161104
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011

CVS PHARMACY #9482 (Continued) **1000978341**

Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P085
Waste Description: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U031

CVS PHARMACY #9482 (Continued) **1000978341**

Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200

CVS PHARMACY #9482 (Continued) **1000978341**

Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: N F N Y BUSINESS TRUST
Legal Status: Private
Date Became Current: 19981201
Date Ended Current: Not reported
Owner/Operator Address: 570 DELAWARE AVE
Owner/Operator City,State,Zip: BUFFALO, NY 14202
Owner/Operator Telephone: 716-886-0211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LONGS DRUG STORES CALIFORNIA, LLC
Legal Status: Private
Date Became Current: 19991023
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: N F N Y BUSINESS TRUST
Legal Status: Private
Date Became Current: 19981201
Date Ended Current: Not reported

CVS PHARMACY #9482 (Continued) **1000978341**

Owner/Operator Address:	570 DELAWARE AVE
Owner/Operator City,State,Zip:	BUFFALO, NY 14202
Owner/Operator Telephone:	716-886-0211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	N F N Y BUSINESS TRUST
Legal Status:	Private
Date Became Current:	19981201
Date Ended Current:	Not reported
Owner/Operator Address:	570 DELAWARE AVENUE
Owner/Operator City,State,Zip:	BUFFALO, NY 14202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LONGS DRUG STORES CALIFORNIA LLC
Legal Status:	Private
Date Became Current:	19991023
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THRIFTY PAYLESS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9275 S W PEYTON LN
Owner/Operator City,State,Zip:	WILSONVILLE, CA 97070
Owner/Operator Telephone:	503-685-6563
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LONGS DRUG STORES CAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	141 N CIVIC DR
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94596
Owner/Operator Telephone:	925-210-6999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LONGS DRUG STORES CALIFORNIA, L.L.C

CVS PHARMACY #9482 (Continued) **1000978341**

Legal Status:	Private
Date Became Current:	19991023
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140301
Handler Name: CVS PHARMACY #9482	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160310
Handler Name: CVS PHARMACY #9482	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19950113
Handler Name: LONGS DRUG STORE NO 482	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19991119
Handler Name: LONGS DRUG STORE NO 482	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CVS PHARMACY #9482 (Continued) **1000978341**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130103
Handler Name: CVS PHARMACY NO 9482
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

CVS PHARMACY #9482 (Continued) **1000978341**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20161118
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CVS PHARMACY #9482 (Continued) **1000978341**

Evaluation Date:	20181031
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AJ177 **SAFEWAY 0793** **CUPA Listings** **S103984664**
SE **600 F ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.085 mi.
449 ft. **Site 3 of 7 in cluster AJ**

Relative: **Higher**

Actual: **21 ft.**

CUPA HUMBOLDT:

Name:	SAFEWAY 0793
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0004873
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10156431
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007146
District:	N - North
SIC Code:	5411 - Grocery stores
Last Touched:	01/28/2021
Update By:	DADAMS
Contact Name:	Dallas Baker
Day Phone:	7078225217
Latitude:	40.86641
Longitude:	-124.0855

Name:	SAFEWAY 0793
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0004873
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10156431
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007166
District:	N - North
SIC Code:	5411 - Grocery stores
Last Touched:	01/28/2021
Update By:	DADAMS
Contact Name:	Dallas Baker
Day Phone:	7078225217

SAFEWAY 0793 (Continued) **S103984664**

Latitude: 40.86641
Longitude: -124.0855

AJ178 **SAFEWAY 0793** **RCRA-LQG** **1016148144**
SE **600 F ST** **FINDS** **CAR000239905**
< 1/8 **ARCATA, CA 95521** **ECHO**
0.085 mi.
449 ft. **Site 4 of 7 in cluster AJ**

Relative: **Higher**
Actual: **21 ft.**

RCRA-LQG:

Date Form Received by Agency:		20190517
Handler Name:	SAFEWAY 793	
Handler Address:		600 F ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAR000239905
Contact Name:		SHARON SANGER
Contact Address:		E PARKCENTER BLVD
Contact City,State,Zip:		BOISE, ID 83706
Contact Telephone:		208-395-6150
Contact Fax:		Not reported
Contact Email:		SHARON.SANGER@ALBERTSONS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		E PARKCENTER BLVD
Mailing City,State,Zip:		BOISE, ID 83706
Owner Name:		SAFEWAY INC
Owner Type:		Private
Operator Name:		SAFEWAY, INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No

SAFEWAY 0793 (Continued) **1016148144**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190520
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

SAFEWAY 0793 (Continued) **1016148144**

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFEWAY
Legal Status:	Private
Date Became Current:	19710630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFEWAY INC
Legal Status:	Private
Date Became Current:	19710101
Date Ended Current:	Not reported
Owner/Operator Address:	250 E PARKCENTER BLVD
Owner/Operator City,State,Zip:	BOISE, ID 83706
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFEWAY, INC
Legal Status:	Private
Date Became Current:	19710630
Date Ended Current:	Not reported
Owner/Operator Address:	250 E PARKCENTER BLVD
Owner/Operator City,State,Zip:	BOISE, ID 83706
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFEWAY INC
Legal Status:	Private
Date Became Current:	19710101
Date Ended Current:	Not reported
Owner/Operator Address:	5918 STONERIDGE MALL RD
Owner/Operator City,State,Zip:	PLEASANTON, CA 94588
Owner/Operator Telephone:	925-467-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SAFEWAY 0793 (Continued) **1016148144**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20130619
Handler Name: SAFEWAY STORE NO 793
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190517
Handler Name: SAFEWAY 793
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44511
NAICS Description: SUPERMARKETS AND OTHER GROCERY RETAILERS (EXCEPT CONVENIENCE RETAILERS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055662787

Click Here:

Environmental Interest/Information System:
STATE MASTER
Registry ID: 110070790912

Click Here:

Environmental Interest/Information System:
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

SAFEWAY 0793 (Continued) **1016148144**

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110002622920

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055662162

Click Here:

Environmental Interest/Information System:
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016148144
Registry ID:	110002622920
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002622920
Name:	LONGS DRUG STORE NO 482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521

AJ179 **CVS PHARMACY # 9482** **CUPA Listings** **S113160146**
SE **600 F ST** **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
0.085 mi.
449 ft. **Site 5 of 7 in cluster AJ**

Relative:
Higher

Actual:
21 ft.

CUPA HUMBOLDT:

Name:	CVS PHARMACY # 9482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000775
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory

CVS PHARMACY # 9482 (Continued) **S113160146**

Permit Status:	01 - Active
CERS ID:	10021357
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0002117
District:	N - North
SIC Code:	5912 - Drug stores and proprietary stores
Last Touched:	02/18/2021
Update By:	DADAMS
Contact Name:	3E Company
Day Phone:	8004518346
Latitude:	40.86641
Longitude:	-124.0855

Name:	CVS PHARMACY # 9482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000775
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10021357
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0004080
District:	N - North
SIC Code:	5912 - Drug stores and proprietary stores
Last Touched:	02/18/2021
Update By:	DADAMS
Contact Name:	3E Company
Day Phone:	8004518346
Latitude:	40.86641
Longitude:	-124.0855

Name:	CVS PHARMACY # 9482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000775
Facility Address 2:	Not reported
Program Identifier:	CUPA - Complex Facility
Program Element Code Desc:	5003 5003 - High Risk Facility
Permit Status:	(none)
CERS ID:	10021357
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0009473
District:	N - North
SIC Code:	5912 - Drug stores and proprietary stores
Last Touched:	02/18/2021
Update By:	DADAMS
Contact Name:	3E Company
Day Phone:	8004518346
Latitude:	40.86641
Longitude:	-124.0855

HAZNET:

Name:	CVS PHARMACY # 9482
Address:	600 F ST
Address 2:	Not reported

CVS PHARMACY # 9482 (Continued) **S113160146**

City,State,Zip: ARCATA, CA 95521
Contact: Wendy Brant
Telephone: 4017651500
Mailing Name: Not reported
Mailing Address: 1 CVS DR

Year: 2013
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: -
Tons: 0.0005

Year: 2013
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0005

Year: 2013
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.047

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0125

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.009

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.006

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: -

CVS PHARMACY # 9482 (Continued) **S113160146**

Disposal Method: -
Tons: 0.027

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 131 - Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0045

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: INR000110197
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.022

Year: 2012
Gepaid: CAL000357615
TSD EPA ID: CAD980884183
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5004

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2012
Gen EPA ID: CAL000357615

Shipment Date: 20121219
Creation Date: 5/3/2013 22:15:23
Receipt Date: 20130110
Manifest ID: 005860180FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.009
Waste Quantity: 18
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

CVS PHARMACY # 9482 (Continued) **S113160146**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20130110
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20130110
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P188
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P081
Additional Code 2:	P075
Additional Code 3:	P001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	5/3/2013 22:15:23

CVS PHARMACY # 9482 (Continued) **S113160146**

Receipt Date:	20130110
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC

CVS PHARMACY # 9482 (Continued) **S113160146**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	561 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P

CVS PHARMACY # 9482 (Continued) **S113160146**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005860180FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013

CVS PHARMACY # 9482 (Continued) **S113160146**

Gen EPA ID:	CAL000357615
Shipment Date:	20130312
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130312
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0365
Waste Quantity:	73
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130312
Creation Date:	8/16/2013 22:15:27
Receipt Date:	20130404
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported

CVS PHARMACY # 9482 (Continued) **S113160146**

Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130312
Creation Date:	8/16/2013 22:15:27
Receipt Date:	20130404
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130312
Creation Date:	8/16/2013 22:15:27
Receipt Date:	20130404
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

CVS PHARMACY # 9482 (Continued) **S113160146**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.033
Waste Quantity:	66
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130312
Creation Date:	8/16/2013 22:15:27
Receipt Date:	20130404
Manifest ID:	005501343FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P188
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P081
Additional Code 2:	P075
Additional Code 3:	P001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000357615
Shipment Date:	20111213
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111227
Manifest ID:	000048248DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD TRUCKING INC
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC DBA PSC ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2502
Waste Quantity:	60

CVS PHARMACY # 9482 (Continued) **S113160146**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	12/3/2012 22:15:38
Receipt Date:	20111202
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109

CVS PHARMACY # 9482 (Continued) **S113160146**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111109
Creation Date:	12/3/2012 22:15:38
Receipt Date:	20111202
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111109
Creation Date:	12/3/2012 22:15:38
Receipt Date:	20111202
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197

CVS PHARMACY # 9482 (Continued) **S113160146**

Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	12/3/2012 22:15:38
Receipt Date:	20111202
Manifest ID:	004700159FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110824
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005064425FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.002

CVS PHARMACY # 9482 (Continued) **S113160146**

Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110824
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005064425FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110824
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005064425FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CVS PHARMACY # 9482 (Continued) **S113160146**

HWTS:

Name:	CVS PHARMACY # 9482
Address:	600 F ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAL000357615
Inactive Date:	06/30/2013
Create Date:	10/05/2010
Last Act Date:	07/08/2014
Mailing Name:	Not reported
Mailing Address:	1 CVS DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	LONGS DRUG STORES CALIFORNIA LLC
Owner Address:	1 CVS DR
Owner Address 2:	Not reported
Owner City,State,Zip:	WOONSOCKET, RI 02895
Contact Name:	WENDY BRANT
Contact Address:	1 CVS DRIVE - 02362A
Contact Address 2:	Not reported
City,State,Zip:	WOONSOCKET, RI 028956146

NAICS:

EPA ID:	CAL000357615
Create Date:	2010-10-05 09:35:13.780
NAICS Code:	44611
NAICS Description:	Pharmacies and Drug Stores
Issued EPA ID Date:	2010-10-05 09:35:13.75000
Inactive Date:	2013-06-30 00:00:00
Facility Name:	CVS PHARMACY # 9482
Facility Address:	600 F ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95521

AJ180 **CVS PHARMACY # 9482** **CERS HAZ WASTE** **S123097404**
SE **600 F ST** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.085 mi.
449 ft. **Site 6 of 7 in cluster AJ**

Relative:
Higher

Actual:
21 ft.

CERS HAZ WASTE:

Name:	CVS PHARMACY # 9482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	109330
CERS ID:	10021357
CERS Description:	Hazardous Waste Generator

Name:	CVS PHARMACY # 9482
Address:	600 F ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	109330
CERS ID:	10021357
CERS Description:	RCRA LQ HW Generator

CVS PHARMACY # 9482 (Continued) **S123097404**

CERS:
Name: CVS PHARMACY # 9482
Address: 600 F ST
City,State,Zip: ARCATA, CA 95521
Site ID: 109330
CERS ID: 10021357
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Manifests and training available.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2020
Violations Found: No

CVS PHARMACY # 9482 (Continued) **S123097404**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: CVS Health, Attn: Dianne E. Durand, Licensing One CVS Drive MC 1160
Affiliation City: Woonsocket
Affiliation State: RI
Affiliation Country: Not reported
Affiliation Zip: 02895
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Verisk 3E, Regulatory Services/CVS
Entity Title: Not reported
Affiliation Address: 3207 Grey Hawk Court, Suite 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92010
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Longs Drug Stores California, LLC
Entity Title: Not reported
Affiliation Address: One CVS Drive
Affiliation City: Woonsocket
Affiliation State: RI
Affiliation Country: United States
Affiliation Zip: 02895
Affiliation Phone: (401) 765-1500,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Identification Signer

CVS PHARMACY # 9482 (Continued) **S123097404**

Entity Name:	Tristan Guison, Agent for Longs Drug Stores California, L.L.C.
Entity Title:	Regulatory Compliance Specialist, Verisk 3E
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Longs Drug Stores California, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(401) 765-1500,
Affiliation Type Desc:	Document Preparer
Entity Name:	Tristan Guison, Agent for Longs Drug Stores California, L.L.C.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	CVS Health
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AG181 **NORTHCOAST ENV CENTER** **RCRA NonGen / NLR** **1025881440**
ESE **879 9TH ST** **CAP000235135**
< 1/8 **ARCATA, CA 95521**
0.086 mi.
456 ft. **Site 3 of 7 in cluster AG**

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20130512
Handler Name:	NORTHCOAST ENV CENTER
Handler Address:	879 9TH ST
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAP000235135
Contact Name:	KIRK COHUNE
Contact Address:	1385 8TH ST
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-822-0597
Contact Fax:	Not reported
Contact Email:	COHUNE@GREENWAYPARTNERS.NET

NORTHCOAST ENV CENTER (Continued) **1025881440**

Contact Title:	PROJ MGR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1385 8TH ST
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	NORTHCOAST ENV CENTER
Owner Type:	Private
Operator Name:	NORTHCOAST ENV CENTER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

NORTHCOAST ENV CENTER (Continued) **1025881440**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20130516
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHCOAST ENV CENTER
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NORTHCOAST ENV CENTER
Legal Status:	Private
Date Became Current:	19850101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4259
Owner/Operator City,State,Zip:	ARCATA, CA 95518
Owner/Operator Telephone:	707-822-6918
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NORTHCOAST ENV CENTER
Legal Status:	Private

NORTHCOAST ENV CENTER (Continued) **1025881440**

Date Became Current:	19850101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4259
Owner/Operator City,State,Zip:	ARCATA, CA 95518
Owner/Operator Telephone:	707-822-6918
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHCOAST ENV CENTER
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20130512
Handler Name: NORTHCOAST ENV CENTER	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20130130
Handler Name: NORTHCOAST ENV CENTER	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53119
NAICS Description:	LESSORS OF OTHER REAL ESTATE PROPERTY

Facility Has Received Notices of Violations:

Violations:	No Violations Found

NORTHCOAST ENV CENTER (Continued) **1025881440**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG182 **RITE-WAY CLEANERS** **EDR Hist Cleaner** **1020075155**
ESE **879-9TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.086 mi.
456 ft. **Site 4 of 7 in cluster AG**

Relative: EDR Hist Cleaner
Higher

Actual:
29 ft.

Year:	Name:	Type:
1969	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1970	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1971	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1972	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1973	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1974	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1975	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1976	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs
1977	RITE-WAY CLEANERS	Drycleaning Plants, Except Rugs

AG183 **NORTHCOAST ENVIRONMENTAL CENTER (NEC)** **US BROWNFIELDS** **1009569572**
ESE **879 NINTH STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.086 mi.
456 ft. **Site 5 of 7 in cluster AG**

Relative: US BROWNFIELDS:
Higher

Actual:
29 ft.

Name:	NORTHCOAST ENVIRONMENTAL CENTER (NEC)
Address:	879 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	021-102-004, 021-102-005, 021-102-006
Parcel size:	0.17
Latitude:	40.86913
Longitude:	-124.08817
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: The site has been vacant since the structures were burned in 2001. The former struction on parcel PAN:021-102-004 was believed to have been constructed in the 1930s as an office building. This building also contained various business operations including insurance and dairy offices. In the 1970s and early 1980s this building contained a dry cleaning operation. At the time of the fire in 2001 the building was occupied by NEC and used as an office and library. NEC had resided in the building since 1982 and owned only that parcel. NEC purchased the two additional adjacent property parcels (APN:021-102-005 and 021-102-006) in 2002. The former structure that was on parcels APN:021-102-005 and 021-102-006 was believed to have been built in the 1890s as a "Union Hall Building". It contained various fraternal and business operations until the 1930s, when the building was converted to a tavern with two bowling

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

alleys and upstairs apartments. Prior to the 2001 fire the building was operated as a night club and aprtment residences. Another building on neighboring parcel APN:021-102-003 was also destroyed in the fire and dated from the 1940s. That building had been operated as an automotive paint supply business. The burned structures and related debris were removed following the fire. While excavating a concrete pad on the former NEC office property, a 750-gallon UST was discovered. The tank was removed in 2003. Soil from the excavation was stockpiled near the northwestern corner and covered. During the sampling in September 2005, the START noted that the pile is still there and covered with plastic. Excess soil from this investigation was added to the stockpiled soil.

Datum:	World Geodetic System of 1984
Acres Property ID:	23281
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	39288
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	n/a
Start Date:	5/31/2005
Ownership Entity:	Private
Completion Date:	11/30/2005
Current Owner:	Northcoast Environmental Center (NEC)
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	U
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.17
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The site has been vacant since the structures were burned in 2001. The former struction on parcel PAN:021-102-004 was believed to have been constructed in the 1930s as an office building. This building also contained various business operations including insurance and dairy offices. In the 1970s and early 1980s this building contained a dry cleaning operation. At the time of the fire in 2001 the building was occupied by NEC and used as an office and library. NEC had resided in the building since 1982 and owned only that parcel. NEC purchased the two additional adjacent property parcels (APN:021-102-005 and 021-102-006) in 2002. The former structure that was on parcels APN:021-102-005 and 021-102-006 was believed to have been built in the 1890s as a "Union Hall Building". It contained various fraternal and business operations until the 1930s, when the building was converted to a tavern with two bowling alleys and upstairs apartments. Prior to the 2001 fire the building was operated as a night club and aprtment residences. Another building on neighboring parcel APN:021-102-003 was also destroyed in the fire and dated from the 1940s. That building had been operated as an automotive paint supply business. The burned structures and related debris were removed following the fire. While excavating a concrete pad on the former NEC office property, a 750-gallon UST was discovered. The tank was removed in 2003. Soil from the excavation was stockpiled near the northwestern corner and covered. During the sampling in September 2005, the START noted that the pile is still there and covered with plastic. Excess soil from this investigation was added to the stockpiled soil.
Below Poverty Number:	1116
Below Poverty Percent:	36.53
Meidan Income:	3526
Meidan Income Number:	1801
Meidan Income Percent:	58.95
Vacant Housing Number:	94
Vacant Housing Percent:	6.38
Unemployed Number:	297
Unemployed Percent:	9.72
Name:	NORTHCOAST ENVIRONMENTAL CENTER (NEC)
Address:	879 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	021-102-004, 021-102-005, 021-102-006
Parcel size:	0.17
Latitude:	40.86913
Longitude:	-124.08817
HCM Label:	Address Matching-House Number
Map Scale:	-

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: The site has been vacant since the structures were burned in 2001. The former struction on parcel PAN:021-102-004 was believed to have been constructed in the 1930s as an office building. This building also contained various business operations including insurance and dairy offices. In the 1970s and early 1980s this building contained a dry cleaning operation. At the time of the fire in 2001 the building was occupied by NEC and used as an office and library. NEC had resided in the building since 1982 and owned only that parcel. NEC purchased the two additional adjacent property parcels (APN:021-102-005 and 021-102-006) in 2002. The former structure that was on parcels APN:021-102-005 and 021-102-006 was believed to have been built in the 1890s as a "Union Hall Building". It contained various fraternal and business operations until the 1930s, when the building was converted to a tavern with two bowling alleys and upstairs apartments. Prior to the 2001 fire the building was operated as a night club and aprtment residences. Another building on neighboring parcel APN:021-102-003 was also destroyed in the fire and dated from the 1940s. That building had been operated as an automotive paint supply business. The burned structures and related debris were removed following the fire. While excavating a concrete pad on the former NEC office property, a 750-gallon UST was discovered. The tank was removed in 2003. Soil from the excavation was stockpiled near the northwestern corner and covered. During the sampling in September 2005, the START noted that the pile is still there and covered with plastic. Excess soil from this investigation was added to the stockpiled soil.
Datum:	World Geodetic System of 1984
Acres Property ID:	23281
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	n/a
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Northcoast Environmental Center (NEC)
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	U
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.17
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The site has been vacant since the structures were burned in 2001. The former struction on parcel PAN:021-102-004 was believed to have been constructed in the 1930s as an office building. This building also contained various business operations including insurance and dairy offices. In the 1970s and early 1980s this building contained a dry cleaning operation. At the time of the fire in 2001 the building was occupied by NEC and used as an office and library. NEC had resided in the building since 1982 and owned only that parcel. NEC purchased the two additional adjacent property parcels (APN:021-102-005 and 021-102-006) in 2002. The former structure that was on parcels APN:021-102-005 and 021-102-006 was believed to have been built in the 1890s as a "Union Hall Building". It contained various fraternal and business operations until the 1930s, when the building was converted to a tavern with two bowling alleys and upstairs apartments. Prior to the 2001 fire the building was operated as a night club and aprtment residences. Another building on neighboring parcel APN:021-102-003 was also destroyed in the fire and dated from the 1940s. That building had been operated as an automotive paint supply business. The burned structures and related debris were removed following the fire. While excavating a concrete pad on the former NEC office property, a 750-gallon UST was discovered. The tank was removed in 2003. Soil from the excavation was stockpiled near the northwestern corner and covered. During the sampling in September 2005, the START noted that the pile is still there and covered with plastic. Excess soil from this investigation was added to the stockpiled soil.
Below Poverty Number:	1116
Below Poverty Percent:	36.53
Meidan Income:	3526
Meidan Income Number:	1801
Meidan Income Percent:	58.95
Vacant Housing Number:	94

NORTHCOAST ENVIRONMENTAL CENTER (NEC) (Continued) **1009569572**

Vacant Housing Percent:	6.38
Unemployed Number:	297
Unemployed Percent:	9.72

AG184 **NORTHCOAST ENVIRONMENTAL CENTER** **CPS-SLIC** **S106855352**
ESE **879 NINTH STREET** **CERS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.086 mi.
456 ft. **Site 6 of 7 in cluster AG**

Relative:
Higher

Actual:
29 ft.

CPS-SLIC:

Name:	NORTHCOAST ENVIRONMENTAL CENTER
Address:	879 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	06/22/2017
Global Id:	SL0602394358
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8689880422339
Longitude:	-124.087588688326
Case Type:	Cleanup Program Site
Case Worker:	CSH
Local Agency:	Not reported
RB Case Number:	1NHU901
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	NORTHCOAST ENVIRONMENTAL CENTER
Address:	879 NINTH ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	243253
CERS ID:	T0602384739
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	HUMBOLDT COUNTY LOP CLOSED SITE - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CRAIG HUNT - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA

NORTHCOAST ENVIRONMENTAL CENTER (Continued) **S106855352**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Mark Verhey - HUMBOLDT COUNTY LOP
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: NORTHCOAST ENVIRONMENTAL CENTER
Address: 879 NINTH ST
City,State,Zip: ARCATA, CA 95521
Site ID: 243253
CERS ID: SL0602394358
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: HUMBOLDT COUNTY LOP CLOSED SITE - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CRAIG HUNT - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Mark Verhey - HUMBOLDT COUNTY LOP
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AG185 **NORTHCOAST ENVIRONMENTAL CENTER** **LUST** **S106162054**
ESE **879 NINTH ST** **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
0.086 mi.
456 ft. **Site 7 of 7 in cluster AG**

Relative:
Higher

Actual:
29 ft.

LUST:

Name:	NORTHCOAST ENVIRONMENTAL CENTER
Address:	879 NINTH ST
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602384739
Global Id:	T0602384739
Latitude:	40.8689987830112
Longitude:	-124.087601072867
Status:	Completed - Case Closed
Status Date:	05/22/2006
Case Worker:	ZZZ
RB Case Number:	1THU901
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12901
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil, * Chlorinated Hydrocarbons
Site History:	Not reported

LUST:

Global Id:	T0602384739
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602384739
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602384739
Action Type:	ENFORCEMENT
Date:	05/22/0206
Action:	Closure Summary - #12901.CCS

Global Id:	T0602384739
Action Type:	ENFORCEMENT
Date:	01/09/2006
Action:	Technical Correspondence / Assistance / Other

Global Id:	T0602384739
Action Type:	ENFORCEMENT

NORTHCOAST ENVIRONMENTAL CENTER (Continued) **S106162054**

Date: 05/22/2006
Action: Closure/No Further Action Letter

Global Id: T0602384739
Action Type: Other
Date: 01/08/2004
Action: Leak Discovery

Global Id: T0602384739
Action Type: Other
Date: 01/13/2004
Action: Leak Reported

LUST:
Global Id: T0602384739
Status: Open - Case Begin Date
Status Date: 01/08/2004

Global Id: T0602384739
Status: Open - Site Assessment
Status Date: 01/13/2004

Global Id: T0602384739
Status: Completed - Case Closed
Status Date: 05/22/2006

CORTESE:
Name: NORTHCOAST ENVIRONMENTAL CENTER
Address: 879 NINTH ST
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602384739
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

AH186 **MAD RIVER ARCATA AMBULANCE** **SWEEPS UST** **S101581984**
SSE **220 F ST** **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.089 mi.
468 ft. **Site 2 of 8 in cluster AH**

Relative: **Lower**

Actual: **12 ft.**

SWEEPS UST:

Name:	ARCATA AMBULANCE
Address:	220 F ST
City:	ARCATA
Status:	Not reported
Comp Number:	9968
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-009968-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	12000011
Regulated By:	UTNKI
Regulated ID:	00009968
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	220 F ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

AH187 **ARCATA AMBULANCE** **LUST** **S101294725**
SSE **220 F** **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521** **HIST CORTESE**
0.089 mi.
468 ft. **Site 3 of 8 in cluster AH**

Relative: **Lower**

Actual: **12 ft.**

LUST:

Name:	ARCATA AMBULANCE
Address:	220 F STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300017

ARCATA AMBULANCE (Continued) **S101294725**

Global Id:	T0602300017
Latitude:	40.8632092695377
Longitude:	-124.086136297484
Status:	Completed - Case Closed
Status Date:	02/19/1998
Case Worker:	ZZZ
RB Case Number:	1THU017
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12017
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300017
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300017
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300017
Action Type:	Other
Date:	03/04/1988
Action:	Leak Discovery

Global Id:	T0602300017
Action Type:	ENFORCEMENT
Date:	08/15/1988
Action:	* Historical Enforcement

Global Id:	T0602300017
Action Type:	Other
Date:	03/04/1988
Action:	Leak Reported

Global Id:	T0602300017
Action Type:	ENFORCEMENT
Date:	02/19/1998
Action:	Closure Summary - #12017.CCS

Global Id:	T0602300017
Action Type:	ENFORCEMENT
Date:	02/19/1998

ARCATA AMBULANCE (Continued) **S101294725**

Action: Closure/No Further Action Letter - #12017.RACC

Global Id: T0602300017
Action Type: Other
Date: 03/04/1988
Action: Leak Stopped

Global Id: T0602300017
Action Type: RESPONSE
Date: 04/22/1997
Action: Request for Closure

LUST:
Global Id: T0602300017
Status: Open - Case Begin Date
Status Date: 03/04/1988

Global Id: T0602300017
Status: Open - Site Assessment
Status Date: 03/04/1988

Global Id: T0602300017
Status: Open - Site Assessment
Status Date: 02/18/1994

Global Id: T0602300017
Status: Open - Site Assessment
Status Date: 03/10/1994

Global Id: T0602300017
Status: Open - Remediation
Status Date: 02/18/1998

Global Id: T0602300017
Status: Open - Site Assessment
Status Date: 02/18/1998

Global Id: T0602300017
Status: Open - Verification Monitoring
Status Date: 02/18/1998

Global Id: T0602300017
Status: Completed - Case Closed
Status Date: 02/19/1998

LUST REG 1:
Region: 1
Facility ID: 1THU017
Staff Initials: Closed

CORTESE:
Name: ARCATA AMBULANCE
Address: 220 F STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE

ARCATA AMBULANCE (Continued) **S101294725**

Envirostor Id:	Not reported
Global ID:	T0602300017
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ARCATA AMBULANCE
edr_fadd1:	220 F
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU017

AH188 **MAD ARCATA RIVER AMBULANCE SER** **HIST UST** **U001611474**
SSE **220 F ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.089 mi.
468 ft. **Site 4 of 8 in cluster AH**

Relative:
Lower

Actual:
12 ft.

HIST UST:

Name:	MAD ARCATA RIVER AMBULANCE SER
Address:	220 F ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000009968
Facility Type:	Other
Other Type:	AMBULANCE SERVICE
Contact Name:	CHRIS BUSHER
Telephone:	7078222934
Owner Name:	SHIRLEY E. BUTLER (ANDERSON PR
Owner Address:	186 SPRING STREET
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000

MAD ARCATA RIVER AMBULANCE SER (Continued) **U001611474**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

AH189 **MAD ARCATA RIVER AMBULANCE SER** **HIST UST** **S118412587**
SSE **220 F STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.089 mi.
468 ft. **Site 5 of 8 in cluster AH**

Relative: HIST UST:
Lower

Actual: Name:	MAD ARCATA RIVER AMBULANCE SER
12 ft. Address:	220 F STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00026123
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026123.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AH190 **ARCATA BAY SELF STORAGE** **CUPA Listings** **S126399131**
SE **250 E ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.091 mi.
481 ft. **Site 6 of 8 in cluster AH**

Relative: CUPA HUMBOLDT:
Lower

Actual: Name:	ARCATA BAY SELF STORAGE
13 ft. Address:	250 E ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0005169
Facility Address 2:	Not reported
Program Identifier:	CUPA - UST Closure Permit - Facility
Program Element Code Desc:	4111
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE

ARCATA BAY SELF STORAGE (Continued) **S126399131**

Record ID:	PR0007812
District:	(none)
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	City of Arcata
Day Phone:	7078228184
Latitude:	Not reported
Longitude:	Not reported

AH191 **250 E STREET** **US BROWNFIELDS** **1016603568**
SE **250 E STREET** **FINDS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.091 mi.
481 ft. **Site 7 of 8 in cluster AH**

Relative: **Lower**
Actual: **13 ft.**

US BROWNFIELDS:

Name:	250 E STREET
Address:	250 E STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	021-122-007
Parcel size:	1.17
Latitude:	40.8631291
Longitude:	-124.0855059
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The property is the site of a former rental equipment operation and automotive repair facility. It was recently purcahsed by the City of Arcata and has been subdivided in hopes of developing a portion of the parcel for affordable housing. A 20 bed transitional housing facility is planned. Former Use: The property is a flat partially developed parcel in the city of Arcata. It has historicaly been used for automotive repair and as a rental equipment business. The property has a history of UST and AST releases. The phase II came back clean.
Datum:	North American Datum of 1983
Acres Property ID:	171185
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3800
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y

250 E STREET (Continued) **1016603568**

Cooperative Agreement Number:	96931601
Start Date:	1/16/2013
Ownership Entity:	Government
Completion Date:	3/1/2013
Current Owner:	City of Arcata
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.8
Past use industrial acreage:	0.36

250 E STREET (Continued) **1016603568**

Future use greenspace acreage:	-
Future use residential acreage:	0.36
Future use commercial acreage:	0.8
Future use industrial acreage:	-
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The property is a flat partially developed parcel in the city of Arcata. It has historicaly been used for automotive repair and as a rental equipment business. The property has a history of UST and AST releases. The phase II came back clean.
Below Poverty Number:	735
Below Poverty Percent:	43.13
Meidan Income:	9434
Meidan Income Number:	1034
Meidan Income Percent:	60.68
Vacant Housing Number:	83
Vacant Housing Percent:	9.92
Unemployed Number:	221
Unemployed Percent:	12.97
Name:	250 E STREET
Address:	250 E STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	021-122-007
Parcel size:	1.17

250 E STREET (Continued) **1016603568**

Latitude:	40.8631291
Longitude:	-124.0855059
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The property is the site of a former rental equipment operation and automotive repair facility. It was recently purcahsed by the City of Arcata and has been subdivided in hopes of developing a portion of the parcel for affordable housing. A 20 bed transitional housing facility is planned. Former Use: The property is a flat partially developed parcel in the city of Arcata. It has historicaly been used for automotive repair and as a rental equipment business. The property has a history of UST and AST releases. The phase II came back clean.
Datum:	North American Datum of 1983
Acres Property ID:	171185
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	18165
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	96931601
Start Date:	4/17/2013
Ownership Entity:	Government
Completion Date:	6/21/2013
Current Owner:	City of Arcata
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-

250 E STREET (Continued) **1016603568**

Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.8
Past use industrial acreage:	0.36
Future use greenspace acreage:	-
Future use residential acreage:	0.36
Future use commercial acreage:	0.8
Future use industrial acreage:	-
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-

250 E STREET (Continued) **1016603568**

Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The property is a flat partially developed parcel in the city of Arcata. It has historicaly been used for automotive repair and as a rental equipment business. The property has a history of UST and AST releases. The phase II came back clean.
Below Poverty Number:	735
Below Poverty Percent:	43.13
Meidan Income:	9434
Meidan Income Number:	1034
Meidan Income Percent:	60.68
Vacant Housing Number:	83
Vacant Housing Percent:	9.92
Unemployed Number:	221
Unemployed Percent:	12.97

FINDS:
Registry ID: 110059722304

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AI192 **HAWK INDUSTRIAL & MACHINE** **CUPA Listings** **S113099537**
East **937 10TH ST** **HAZNET** **N/A**
< 1/8 **ARCATA, CA 95521** **HWTS**
0.094 mi.
495 ft. **Site 2 of 5 in cluster AI**

Relative:
Higher

Actual:
28 ft.

CUPA HUMBOLDT:

Name:	HAWK INDUSTRIAL & MACHINE
Address:	937 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001375
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0000008
District:	N - North

HAWK INDUSTRIAL & MACHINE (Continued) **S113099537**

SIC Code: (none)
Last Touched: 04/12/2019
Update By: dba
Contact Name: Not reported
Day Phone: Not reported
Latitude: 40.86988
Longitude: -124.0877

HAZNET:
Name: HAWK INDUSTRIAL & MACHINE
Address: 937 10TH ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955210000
Contact: LISA BACKUS/OFFICE MANAGER
Telephone: 7078222928
Mailing Name: Not reported
Mailing Address: PO BOX 3609

Year: 2001
Gepaid: CAL000189896
TSD EPA ID: CAT000613943
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.279

Year: 1999
Gepaid: CAL000189896
TSD EPA ID: CAD000088252
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.2

Additional Info:
Year: 1999
Gen EPA ID: CAL000189896

Shipment Date: 19990316
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990325
Manifest ID: 98885296
Trans EPA ID: CAD980694103
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported

HAWK INDUSTRIAL & MACHINE (Continued) **S113099537**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAL000189896
Shipment Date:	20010823
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010824
Manifest ID:	21111024
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010724
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010725
Manifest ID:	21100728
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAWK INDUSTRIAL & MACHINE (Continued) **S113099537**

Shipment Date:	20010503
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010504
Manifest ID:	20636142
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010503
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010504
Manifest ID:	20636142
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0291
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010207
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010207
Manifest ID:	20356644
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943

HAWK INDUSTRIAL & MACHINE (Continued) **S113099537**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010207
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010207
Manifest ID:	20356644
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0291
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	HAWK INDUSTRIAL & MACHINE
Address:	937 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAL000189896
Inactive Date:	12/23/2002
Create Date:	02/25/1999
Last Act Date:	04/17/2003
Mailing Name:	Not reported
Mailing Address:	PO BOX 3609
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EUREKA, CA 955020000
Owner Name:	LES MINTON
Owner Address:	PO BOX 3609
Owner Address 2:	Not reported
Owner City,State,Zip:	EUREKA, CA 955020000
Contact Name:	LISA BACKUS/OFFICE MANAGER

HAWK INDUSTRIAL & MACHINE (Continued) **S113099537**

Contact Address: PO BOX 3609
Contact Address 2: Not reported
City,State,Zip: EUREKA, CA 955020000

NAICS:
EPA ID: CAL000189896
Create Date: 2002-03-14 16:36:28.000
NAICS Code: 3327
NAICS Description: Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing
Issued EPA ID Date: 1999-02-25 00:00:00
Inactive Date: 2002-12-23 00:00:00
Facility Name: HAWK INDUSTRIAL & MACHINE
Facility Address: 937 10TH ST
Facility Address 2: Not reported
Facility City: ARCATA
Facility County: Not reported
Facility State: CA
Facility Zip: 955210000

AH193 **GREGS MOBIL** **EDR Hist Auto** **1020159257**
SSE **201 E LIFE RD** **N/A**
< 1/8 **ARCADIA, CA 91006**
0.097 mi.
512 ft. **Site 8 of 8 in cluster AH**

Relative: EDR Hist Auto
Lower

Actual:
12 ft.

Year:	Name:	Type:
1987	GREGS MOBIL	Gasoline Service Stations
1988	GREGS MOBIL	Gasoline Service Stations

AK194 **ARCO #00421** **LUST** **S105693721**
SE **660 SEVENTH STREET** **Cortese** **N/A**
< 1/8 **ARCATA, CA 95521**
0.109 mi.
577 ft. **Site 1 of 11 in cluster AK**

Relative: LUST:
Higher

Actual:
23 ft.

Name: ARCO #00421
Address: 660 SEVENTH STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602393548
Global Id: T0602393548
Latitude: 40.867258664275
Longitude: -124.085687018967
Status: Completed - Case Closed
Status Date: 10/20/2006
Case Worker: ZZZ
RB Case Number: 1THU736
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: 12736
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline

ARCO #00421 (Continued) **S105693721**

Site History: Not reported

LUST:
Global Id: T0602393548
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602393548
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602393548
Action Type: ENFORCEMENT
Date: 05/15/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0602393548
Action Type: ENFORCEMENT
Date: 10/20/2006
Action: Closure/No Further Action Letter

Global Id: T0602393548
Action Type: ENFORCEMENT
Date: 10/19/2006
Action: Closure Summary - #12736.CCS

Global Id: T0602393548
Action Type: Other
Date: 08/16/2000
Action: Leak Discovery

Global Id: T0602393548
Action Type: REMEDIATION
Date: 05/16/2002
Action: Not reported

Global Id: T0602393548
Action Type: ENFORCEMENT
Date: 05/16/2002
Action: File review

Global Id: T0602393548
Action Type: Other
Date: 08/16/2000
Action: Leak Reported

ARCO #00421 (Continued) **S105693721**

LUST:

Global Id:	T0602393548
Status:	Open - Case Begin Date
Status Date:	08/16/2000
Global Id:	T0602393548
Status:	Open - Site Assessment
Status Date:	08/24/2000
Global Id:	T0602393548
Status:	Open - Site Assessment
Status Date:	08/27/2002
Global Id:	T0602393548
Status:	Open - Site Assessment
Status Date:	03/04/2003
Global Id:	T0602393548
Status:	Completed - Case Closed
Status Date:	10/20/2006

CORTESE:

Name:	ARCO #00421
Address:	660 SEVENTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602393548
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AI195 **JASON T. STUAN DDS** **CUPA Listings** **S125472026**
East **950 I ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.114 mi.
600 ft. **Site 3 of 5 in cluster AI**

Relative: **Higher**

Actual: **31 ft.**

CUPA HUMBOLDT:

Name:	JASON T. STUAN DDS
Address:	950 I ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002773
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10331185
Facility Status:	05 - CLOSED
Record ID:	PR0002088
District:	N - North
SIC Code:	8021 - Offices and clinics of dentists
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Russell L. Davis DDS
Day Phone:	7078220525
Latitude:	0
Longitude:	0

AL196 **WALLACE D RICHMOND** **HIST UST** **U001611522**
North **1696 17TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.114 mi.
602 ft. **Site 1 of 2 in cluster AL**

Relative: **Lower**

Actual: **18 ft.**

HIST UST:

Name:	WALLACE D RICHMOND
Address:	1696 17TH ST
City,State,Zip:	ARCATA, CA 95521
File Number:	00026265
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026265.pdf
Region:	STATE
Facility ID:	00000045573
Facility Type:	Other
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7078224409
Owner Name:	WALLACE D. RICHMOND
Owner Address:	1696 17TH ST.
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00000420
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

WALLACE D RICHMOND (Continued) **U001611522**

Click here for Geo Tracker PDF:

AL197 **RICHMOND, WALLACE H.** **SWEEPS UST** **S101582167**
North **1696 17TH ST** **CA FID UST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.114 mi.
602 ft. **Site 2 of 2 in cluster AL**

Relative:
Lower

Actual:
18 ft.

SWEEPS UST:

Name:	RICHMOND, WALLACE H.
Address:	1696 17TH ST
City:	ARCATA
Status:	Active
Comp Number:	45573
Number:	2
Board Of Equalization:	Not reported
Referral Date:	06-18-92
Action Date:	06-18-92
Created Date:	07-31-88
Owner Tank Id:	1
SWRCB Tank Id:	12-000-045573-000001
Tank Status:	A
Capacity:	420
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	12001538
Regulated By:	UTNKA
Regulated ID:	00045573
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1696 017TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AM198 **GENERAL MACHINE FABRICATIONS** **CERS HAZ WASTE** **S123103314**
North **1795 ALLIANCE RD** **N/A**
< 1/8 **ARCATA, CA 95521**
0.119 mi.
628 ft. **Site 1 of 3 in cluster AM**

Relative:
Higher

Actual:
24 ft.

CERS HAZ WASTE:

Name:	GENERAL MACHINE FABRICATIONS
Address:	1795 ALLIANCE RD
City,State,Zip:	ARCATA, CA 95521
Site ID:	119140
CERS ID:	10330855
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	119140
Site Name:	General Machine Fabrications
Violation Date:	05-09-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/24/2017. Waste oil drums are missing haz waste labels. Operator communicated an issue with maintaining the labels at the haz waste storage location. Inspector has permitted keeping the label for waste oil in the shed with the jet spray cleaner. Complete haz waste label for waste oil and maintain in the shed from this point on. Send in a return to compliance form when this is complete.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	119140
Site Name:	General Machine Fabrications
Violation Date:	05-09-2017
Citation:	HSC 6.5 25123.3(h)(1)(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)(c)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal of acute/extremely hazardous waste after the first 1-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes:	Returned to compliance on 05/24/2017. Observed the last manifest for waste oil pickup to be 5/13/15. Observed approximately one 30 gallon and two 15 gallon drums of waste oil. All are full with the exception of one 15 gallon drum being half full. This is past the 270 day accumulation time limit for onsite storage of haz waste. Have your waste picked up using a licensed haz waste hauler and submit a copy of manifest receipt to DEH along with a "Self certification of Return to Compliance" form.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	119140
Site Name:	General Machine Fabrications
Violation Date:	04-06-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

GENERAL MACHINE FABRICATIONS (Continued) **S123103314**

Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/07/2015. OBSERVATION: Waste oil and oily solids did not have hazardous waste labels. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Label these containers within 7 days and send DEH the "self certification return to compliance " form. Ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:

GENERAL MACHINE FABRICATIONS (Continued) **S123103314**

Site ID:	119140
Site Name:	General Machine Fabrications
Site Address:	1795 ALLIANCE RD
Site City:	ARCATA
Site Zip:	95521
Enf Action Date:	05-06-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Humboldt County Division of Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	119140
Facility Name:	General Machine Fabrications
Env Int Type Code:	HWG
Program ID:	10330855
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	40.877590
Longitude:	-124.091440

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Robert Bittner
Entity Title:	Not reported
Affiliation Address:	PO Box 434
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95518-0434
Affiliation Phone:	(707) 668-5588,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 434
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95518-0434
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Robert Bittner
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-5521,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health

GENERAL MACHINE FABRICATIONS (Continued) **S123103314**

Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Robert Bittner
Entity Title:	Not reported
Affiliation Address:	PO Box 434
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95518-0434
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	General Machine Fabrications
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AM199 **GENERAL MACHINE FABRICATIONS** **CUPA Listings** **S103636832**
North **1795 ALLIANCE RD** **N/A**
< 1/8 **ARCATA, CA 95521**
0.119 mi.
628 ft. **Site 2 of 3 in cluster AM**

Relative: **Higher**

Actual: **24 ft.**

CUPA HUMBOLDT:

Name:	GENERAL MACHINE FABRICATIONS
Address:	1795 ALLIANCE RD
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001248
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10330855
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001247
District:	N - North
SIC Code:	7699 - Repair services, nec
Last Touched:	05/24/2021
Update By:	JGONZALEZ
Contact Name:	Robert Bittner
Day Phone:	7078225521
Latitude:	40.87802
Longitude:	-124.0919

AM200 **GENERAL MACHINE FABRICATIONS** **RCRA NonGen / NLR** **1024790051**
North **1795 ALLIANCE RD** **CAL000076598**
< 1/8 **ARCATA, CA 95521**
0.119 mi.
628 ft. **Site 3 of 3 in cluster AM**

Relative: **Higher**

Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19920324
Handler Name:	GENERAL MACHINE FABRICATIONS
Handler Address:	1795 ALLIANCE RD
Handler City,State,Zip:	ARCATA, CA 95521-0000
EPA ID:	CAL000076598
Contact Name:	ROBERT BITTNER
Contact Address:	PO BOX 434
Contact City,State,Zip:	ARCATA, CA 95518
Contact Telephone:	707-822-5521
Contact Fax:	000-000-0000
Contact Email:	GENMACHINEFAB@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 434
Mailing City,State,Zip:	ARCATA, CA 95518-0434
Owner Name:	DAVID SATTER & ROBERT BITTNER
Owner Type:	Other
Operator Name:	ROBERT BITTNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

GENERAL MACHINE FABRICATIONS (Continued) **1024790051**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID SATTER & ROBERT BITTNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1795 ALLIANCE RD
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-822-5521
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT BITTNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 434
Owner/Operator City,State,Zip:	ARCATA, CA 95518
Owner/Operator Telephone:	707-822-5521
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GENERAL MACHINE FABRICATIONS (Continued) **1024790051**

Historic Generators:
Receive Date: 19920324
Handler Name: GENERAL MACHINE FABRICATIONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AK201 **EDS SHELL SERVICE** **EDR Hist Auto** **1020332995**
SE **7TH & G STS** **N/A**
< 1/8 **ARCATA, CA 95521**
0.119 mi.
630 ft. **Site 2 of 11 in cluster AK**

Relative: EDR Hist Auto
Higher

Actual: **23 ft.**

Year:	Name:	Type:
1969	LORENZOS SHELL SERVICE	Gasoline Service Stations
1970	LORENZOS SHELL SERVICE	Gasoline Service Stations
1971	EDS SHELL SERVICE	Gasoline Service Stations
1972	EDS SHELL SERVICE	Gasoline Service Stations
1973	EDS SHELL SERVICE	Gasoline Service Stations
1974	EDS SHELL SERVICE	Gasoline Service Stations
1976	EDS SHELL SERVICE	Gasoline Service Stations

AI202 **NELSON PROPERTY** **CPS-SLIC** **S109521453**
East **854 10TH STREET** **N/A**
< 1/8 **ARCATA, CA 95521**
0.125 mi.
658 ft. **Site 4 of 5 in cluster AI**

Relative: CPS-SLIC:
Higher
Name: NELSON PROPERTY
Actual: Address: 854 10TH STREET
34 ft. City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Completed - Case Closed**

NELSON PROPERTY (Continued) **S109521453**

Status Date:	06/02/2009
Global Id:	T10000000731
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.87
Longitude:	-124.0871
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NHU972
File Location:	Regional Board
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Diesel, Gasoline, Other Petroleum
Site History:	In January 2009 a discharge of Total Petroleum Hydrocarbons (TPH) as gasoline, diesel, and motor oil was discovered in the basement of the Humboldt Brewery building during remodeling. Initial site assessment documented the presence of TPH as gasoline up to 37 parts per million (ppm), diesel at 130 ppm, and motor oil at 150 ppm in soil. A grab groundwater sample indicated the presence of TPH as gasoline at 91 parts per billion (ppb), diesel at 550 ppb, and motor oil at 240 ppb. Approximately 144 cubic yards of contaminated soil was excavated and removed from the basement of the building. A confirmation soil sample indicated Diesel at 7.3 ppm and Motor Oil at 18 ppm. Four temporary groundwater sampling points were installed for groundwater collection and analysis. Groundwater samples did not indicate the presence of analytes with the exception of one groundwater sample which indicated Tetrachloroethene (PCE) at 4.5 ppb. As PCE is a chemical not associated with the businesses formerly located at the property, it is suspected that the finding of PCE is related to adjacent contaminated sites.

Click here to access the California GeoTracker records for this facility:

AI203 **HUMBOLDT BREWING CO** **CUPA Listings** **S126009365**
East **856 10TH ST** **N/A**
< 1/8 **ARCATA, CA 95521**
0.125 mi.
659 ft. **Site 5 of 5 in cluster AI**

Relative: **Higher**

Actual: **34 ft.**

CUPA HUMBOLDT:

Name:	HUMBOLDT BREWING CO
Address:	856 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001554
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0000621
District:	N - North
SIC Code:	(none)
Last Touched:	10/11/2014
Update By:	dsc\\errolallard
Contact Name:	Not reported
Day Phone:	7078261734
Latitude:	40.87004

HUMBOLDT BREWING CO (Continued) **S126009365**

Longitude: -124.0871

AJ204 **LITTLE LAKES INDUSTRIES** **US BROWNFIELDS** **1012238251**
ESE **748 F ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.129 mi.
679 ft. **Site 7 of 7 in cluster AJ**

Relative: **Higher**
Actual: **25 ft.**

US BROWNFIELDS:

Name:	LITTLE LAKES INDUSTRIES
Address:	748 F ST
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	California Trade & Commerce Agency
Grant Type:	Assessment
Property Number:	-
Parcel size:	12
Latitude:	40.86743
Longitude:	-124.085154
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	-
Datum:	-
Acres Property ID:	12761
IC Data Access:	-
Start Date:	3/31/2003
Redev Completition Date:	-
Completed Date:	3/31/2003
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	98913701
Start Date:	-
Ownership Entity:	-
Completion Date:	-
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	-
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	U

LITTLE LAKES INDUSTRIES (Continued) **1012238251**

State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-

LITTLE LAKES INDUSTRIES (Continued) **1012238251**

Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	1198
Below Poverty Percent:	37.77
Meidan Income:	2943
Meidan Income Number:	1905
Meidan Income Percent:	60.06
Vacant Housing Number:	98
Vacant Housing Percent:	6.49
Unemployed Number:	332
Unemployed Percent:	10.47

Name:	LITTLE LAKES INDUSTRIES
Address:	748 F ST
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	California Trade & Commerce Agency
Grant Type:	Assessment
Property Number:	-
Parcel size:	12
Latitude:	40.86743
Longitude:	-124.085154
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	-
Datum:	-
Acres Property ID:	12761
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-

LITTLE LAKES INDUSTRIES (Continued) **1012238251**

Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	98913701
Start Date:	3/31/2003
Ownership Entity:	-
Completion Date:	3/31/2003
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	-
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	U
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-

LITTLE LAKES INDUSTRIES (Continued) **1012238251**

Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	1198
Below Poverty Percent:	37.77
Meidan Income:	2943
Meidan Income Number:	1905
Meidan Income Percent:	60.06
Vacant Housing Number:	98
Vacant Housing Percent:	6.49
Unemployed Number:	332
Unemployed Percent:	10.47

AK205 **UNIONTOWN UNION 76** **RCRA NonGen / NLR** **1024811874**
SE **724 G ST** **CAL000297030**
1/8-1/4 **ARCATA, CA 95521**
0.134 mi.
710 ft. **Site 3 of 11 in cluster AK**

Relative: **Higher**
Actual: **29 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20050728
Handler Name:	UNIONTOWN UNION 76	
Handler Address:		724 G ST
Handler City,State,Zip:		ARCATA, CA 95521-6215
EPA ID:		CAL000297030
Contact Name:		JUDY BONES
Contact Address:		1125 16TH STREET
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-825-9712
Contact Fax:		707-825-9708
Contact Email:		JUDY@BIGOILTIRECO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1125 16TH STREET
Mailing City,State,Zip:		ARCATA, CA 95521-0000
Owner Name:		BIG OIL & TIRE COMPANY
Owner Type:		Other
Operator Name:		JUDY BONES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

UNIONTOWN UNION 76 (Continued) **1024811874**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUDY BONES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1125 16TH STREET
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-825-9712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BIG OIL & TIRE COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1125 16TH STREET
Owner/Operator City,State,Zip:	ARCATA, CA 95521-0000
Owner/Operator Telephone:	707-825-9712
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UNIONTOWN UNION 76 (Continued) **1024811874**

Historic Generators:
Receive Date: 20050728
Handler Name: UNIONTOWN UNION 76
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42272
NAICS Description: PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AK206 **BO & T - UNIONTOWN 76** **UST** **U003942644**
SE **724 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.134 mi.
710 ft. **Site 4 of 11 in cluster AK**

Relative:
Higher
Actual:
29 ft.

UST:
Name: BO & T - UNIONTOWN 76
Address: 724 G ST
City,State,Zip: ARCATA, CA 95521
Facility ID: 12-000-000340
Permitting Agency: HUMBOLDT COUNTY
CERSID: Not reported
Latitude: 40.8673592075197
Longitude: -124.08601641655

AK207 **BO & T - UNIONTOWN UNION GAS** **CERS HAZ WASTE** **S123103288**
SE **724 G ST** **CERS TANKS** **N/A**
1/8-1/4 **ARCATA, CA 95521** **CERS**
0.134 mi.
710 ft. **Site 5 of 11 in cluster AK**

Relative:
Higher
Actual:
29 ft.

CERS HAZ WASTE:
Name: BO & T - UNIONTOWN UNION GAS
Address: 724 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 99346
CERS ID: 10020421

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: BO & T - UNIONTOWN UNION GAS
Address: 724 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 99346
CERS ID: 10020421
CERS Description: Underground Storage Tank

CERS:
Name: BO & T - UNIONTOWN UNION GAS
Address: 724 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 99346
CERS ID: 10020421
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 99346
Site Name: BO & T - Uniontown Union Gas
Violation Date: 02-21-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/17/2017. Designated UST Operator Compliance documents submitted on CERS are outdated. Submit new Designated UST Operator Compliance documents on CERS within 30 days and include Tyler White on certification. Additionally, tank integrity testing is listed as a monitoring method and is not observed to be accurate. CSLD at 0.2 gph testing is historically what facility does to comply with Title 23 CCR's 2643. Update tank monitoring plan for both regular and premium tanks on CERS to include accurate tank monitoring information with in 30 days and submit "Self Certification of Return to Compliance" to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 99346
Site Name: BO & T - Uniontown Union Gas
Violation Date: 02-21-2017
Citation: 23 CCR 16 2643(b)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(5)
Violation Description: Failure of the continuous in-tank leak detection (CITLD) system to function properly.
Violation Notes: Returned to compliance on 03/17/2017. Did not observe evidence of CSLD (0.2 gph test) having been conducted since June of 2016. Single wall tanks must conduct CSLD testing monthly in place of double-wall tank monitoring. Submit CSLD test for the months of February and March, along with a "Self Certification of Return to Compliance" form to DEH within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	02-21-2017
Citation:	HSC 6.5 25123.3(h)(1)(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)(c)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal of acute/extremely hazardous waste after the first 1-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes:	Returned to compliance on 03/17/2017. Observed two 55-gallon drums with unknown contents and no accumulation start date. Dispose of all hazardous wastes which are past the 270 day time limit using an authorized hauler within 30 days and submit receipts to DEH along with a "Self Certification of Return to Compliance" form.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-24-2018
Citation:	22 CCR 23 66273.33.5 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.33.5
Violation Description:	Failure of the universal waste handler of electronic devices, CRTs, and CRT glass to prevent the release of the universal waste to the environment under reasonable conditions by the following methods: 1) Immediately clean spills and leaks of universal wastes; and 2) Place all universal waste spills and leaks in containers that are structurally sound and compatible with the universal waste."
Violation Notes:	Returned to compliance on 02/22/2018. Observed fluorescent light ballasts stored in a hazardous manner in the shop. Store these ballasts in according to regulations in order to prevent a release of hazardous material within 30 days and submit a picture with a "self certification of return to compliance" to DEH within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-27-2021
Citation:	HSC 6.7 25291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(b)
Violation Description:	Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance into the secondary containment.
Violation Notes:	Returned to compliance on 02/03/2021. The South end Float plunger was sticking in dispenser 3-4. Have this mechanism repaired or replaced within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-27-2020
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes:	Returned to compliance on 01/27/2020. Observed monthly gauge test were not documented monthly. Insure report is completed monthly.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-24-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/22/2018. Annual refresher training is outdated (1/11/17). ALl employees must be trained after new hire and annually as a refresher. DO indicated training is next week. Submit copies of training to DEH along with a signed "Self Certification of return to Compliance" form within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-27-2020
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	Returned to compliance on 02/21/2020. Owner operator did not sign acknowledgment of compliance issues section of the Visual Inspection Report. Observed Brandon Pomrehn did not provide ICC certification number on the Visual Inspection Report or on CERs. Within 30 days, submit a copy of a Visual Inspection Report signed by owner/operator. Update CERs with all DO on Owners Statement of Designated UST Operator Compliance Form
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	02-26-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 04/21/2016. Last HMBP Inventory submittal was in 2015. Facility is overdue for annual recertification of haz mat inventory. Review and submit haz mat inventory on CERS within 30 days and submit "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-23-2019
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes:	Returned to compliance on 01/23/2019. OBSERVATION: Owner/Operator failed to perform the .2 gph leak test monthly for the month of December 2018. CORRECTIVE ACTION: Perform a 0.2 gph monthly tank test every month and keep a copy of test results onsite for inspection. January 2019 printout was available and showed passing results.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-27-2021
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes:	Returned to compliance on 01/27/2021. There was no record of the monthly 0.2 gallon per hour tank test for August or December. Remember that monthly tank tests must be completed at least once every 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-24-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 03/01/2018. Emergency Response Plan submitted on CERS was rejected by DEH on 4/11/17 because it had

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

	outdated contact information. Update emergency response plan and submit on CERS within 30 days and submit a "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	02-26-2016
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes:	Returned to compliance on 02/26/2016. DO Report for January was missing. DO Inspections for last 12 months must all remain onsite. This was corrected at time of inspection.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	02-21-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/17/2017. Observed two 55-gallon drums at facility with unknown contents and no labeling. It was determined that one of the drums holds oily water from spill buckets/sumps. Additionally observed a 55-gallon drum with a haz waste label but the start date was 2010 and the wrong epa id number for this facility (EPA ID for this address is cal000297030). Observed another 55 gallon drum with unknown waste contents, possibly waste oil, with a haz waste label with no information filled out. Additionally observed several cans of paint and thinner that appeared to be waste products with no haz waste labeling, including no accumulation start date. All containers of hazardous waste must be labeled as such with the following info: Generator name and info including epa id, hazardous properties and characteristics, and accumulation start date. Maintain haz waste labels for the facility and correctly and accurately label all hazardous wastes within 30 days. Submit pictures to DEH along with a "Self [Truncated]
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	03-09-2015

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes:	Returned to compliance on 03/17/2015. OBSERVATION: The Regular spill bucket failed the annual test. The leak is on a inner seal that drains to the tank so no Red Tag is being issued. The underground storage tank system shall be operated to prevent unauthorized releases. CORRECTIVE ACTION: Sumbit a permit for spill bucket replacement to DEH and fix within seven days. Contact DEH once replaced for a test of the bucket.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	02-26-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 05/24/2016. Facility site map is missing the following requirements: north orientation, emergency evacuation location, storm/sewer drains, Location of emergency response equipment, name of cross streets, Hazardous materials handling and storage areas. Update site map to include these requirements within 30 days and submit "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-27-2021
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 01/27/2021. There was water in the both products fill and vapor buckets prior to inspection. These buckets must remain free from water intrusion and debris.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	99346
Site Name:	BO & T - Uniontown Union Gas
Violation Date:	01-23-2019

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 02/15/2019. OBSERVATION: Owner/Operator failed to meet one or more of the requirements applicable to overfill prevention equipment. Overfill equipment tested once every three years CORRECTIVE ACTION: Conduct testing of the overfill equipment within 30 days and send a copy of the inspection report to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Remove oil filters and add waste oily water on haz mat inventory. Update the Federal Fire codes and uncheck the obsolete fire codes.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Insure accumulation start date is added to waste containers once 27 gallons has accumulated. CAL000297030 Active
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Eval Date: 01-27-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2021
Violations Found: No
Eval Type: Routine done by local agency

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Submit HMBP information on CERS by March 1st, 2017. Training conducted 1/11/17
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Very small amount of waste absorbent material stored onsite.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-12-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to test the new 87 product spill bucket the was installed on 3/16/2015. Testing with Incon test method .002 inches / 15 minute. The results were passed.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility is a single-wall tank UST system. Per state law, all single-wall tanks must be removed by Jan 1, 2025.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-21-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to conduct three year secondary testing. Last test was on 3/11/2014. 87 piping tested at 4 psi for 30 minutes. Passed. 91 piping tested at 4 psi for 30 minutes. Passed. 87 sump tested with Incon .002 / 15 minute tester. Passed. 91 sump tested with Incon .002 / 15 minute tester. Passed. Dispenser UDCs tested with Incon .02 / 15 minute tester. 1-2 Passed. 3-4 Passed. 5-6 Passed.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 99346
Site Name: BO & T - Uniontown Union Gas
Site Address: 724 G ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 03-09-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Coordinates:

Site ID:	99346
Facility Name:	BO & T - Uniontown Union Gas
Env Int Type Code:	HWG
Program ID:	10020421
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	40.867496
Longitude:	-124.086213

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	Legal Owner
Entity Name:	Big Oil & Tire Co Inc
Entity Title:	Not reported
Affiliation Address:	1125 16th Street, Suite 210
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 825-9700,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Richard W. Pomrehn
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 825-9705,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Big Oil & Tire Co.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	ConocoPhillips Co
Entity Title:	Not reported
Affiliation Address:	600 N. Dairy Ashford
Affiliation City:	Houston

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	77079
Affiliation Phone:	(281) 293-1684,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Big Oil & Tire
Entity Title:	Not reported
Affiliation Address:	1125 11th Street, Suite 210
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 825-9700,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Big Oil & Tire
Entity Title:	Not reported
Affiliation Address:	600 N. Dairy Ashford
Affiliation City:	Houston
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	77079
Affiliation Phone:	(281) 293-1684,
Affiliation Type Desc:	Operator
Entity Name:	Richard W. Pomhren
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 498-8661,
Affiliation Type Desc:	Document Preparer
Entity Name:	Judy Bones
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Brandon Pomrehn
Entity Title:	Not reported
Affiliation Address:	1125 16th Street, Suite 210
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address

BO & T - UNIONTOWN UNION GAS (Continued) **S123103288**

Entity Title:	Not reported
Affiliation Address:	1125 16th Street, Suite 210
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Richard W. Pomrehn
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Big Oil & Tire Co.
Entity Title:	Not reported
Affiliation Address:	1125 16th Street, Suite 210
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 825-9700,

AK208 **UNION OIL SS 4066** **HIST UST** **S118416493**
SE **724 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.134 mi.
710 ft. **Site 6 of 11 in cluster AK**

Relative: HIST UST:
Higher

Actual:
29 ft.

Name:	UNION OIL SS 4066
Address:	724 G ST
City,State,Zip:	ARCATA, CA 95521
File Number:	00026204
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026204.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported

UNION OIL SS 4066 (Continued) **S118416493**

Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

AK209 **BO & T - UNIONTOWN UNION GAS** **CUPA Listings** **S123184524**
SE **724 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.134 mi.
710 ft. **Site 7 of 11 in cluster AK**

Relative: **Higher**
Actual: **29 ft.**

CUPA HUMBOLDT:

Name:	BO & T - UNIONTOWN UNION GAS
Address:	724 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000355
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020421
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0003130
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	03/30/2021
Update By:	DADAMS
Contact Name:	Kyall Widmier
Day Phone:	7078259700
Latitude:	40.86744
Longitude:	-124.0862

Name:	BO & T - UNIONTOWN UNION GAS
Address:	724 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000355
Facility Address 2:	Not reported
Program Identifier:	CUPA - UST
Program Element Code Desc:	4101 4101 - UST Facility Operating Permit
Permit Status:	01 - Active
CERS ID:	10020421
Facility Status:	01 - ACTIVE, BILLABLE
Record ID:	PR0003131
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	03/30/2021
Update By:	DADAMS
Contact Name:	Jay Swagert
Day Phone:	7078259700
Latitude:	40.86744
Longitude:	-124.0862

Name:	BO & T - UNIONTOWN UNION GAS
Address:	724 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000355
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG

BO & T - UNIONTOWN UNION GAS (Continued) **S123184524**

Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020421
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0005680
District:	N - North
SIC Code:	5541 - Gasoline service stations
Last Touched:	03/30/2021
Update By:	DADAMS
Contact Name:	Kyall Widmier
Day Phone:	7078259700
Latitude:	40.86744
Longitude:	-124.0862

AK210 **UNOCAL UNIONTOWN UNION #4066** **SWEEPS UST** **1000167218**
SE **724 G ST** **HIST UST** **N/A**
1/8-1/4 **ARCATA, CA 95521** **CA FID UST**
0.134 mi.
710 ft. **Site 8 of 11 in cluster AK**

Relative: **Higher**
Actual: **29 ft.**

SWEEPS UST:

Name:	UNOCAL UNIONTOWN UNION #4066
Address:	724 G ST
City:	ARCATA
Status:	Active
Comp Number:	30785
Number:	1
Board Of Equalization:	44-001057
Referral Date:	06-11-92
Action Date:	06-11-92
Created Date:	07-31-88
Owner Tank Id:	4066-1-1
SWRCB Tank Id:	12-000-030785-000001
Tank Status:	A
Capacity:	12000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	UNOCAL UNIONTOWN UNION #4066
Address:	724 G ST
City:	ARCATA
Status:	Active
Comp Number:	30785
Number:	1
Board Of Equalization:	44-001057
Referral Date:	06-11-92
Action Date:	06-11-92
Created Date:	07-31-88
Owner Tank Id:	4066-2-1
SWRCB Tank Id:	12-000-030785-000002
Tank Status:	A
Capacity:	12000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P

UNOCAL UNIONTOWN UNION #4066 (Continued) **1000167218**

Content: REG UNLEADED
Number Of Tanks: Not reported

Name: UNOCAL UNIONTOWN UNION #4066
Address: 724 G ST
City: ARCATA
Status: Active
Comp Number: 30785
Number: 1
Board Of Equalization: 44-001057
Referral Date: 06-11-92
Action Date: 06-11-92
Created Date: 07-31-88
Owner Tank Id: 4066-4-1
SWRCB Tank Id: 12-000-030785-000003
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: UNION OIL SS#4066
Address: 724 G ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000030785
Facility Type: Gas Station
Other Type: Not reported
Contact Name: ROBERT EARL BUSS
Telephone: 7078225462
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0003

Tank Num: 001
Container Num: 4066-1-1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 4066-2-1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

UNOCAL UNIONTOWN UNION #4066 (Continued) **1000167218**

Tank Num:	003
Container Num:	4066-4-1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CA FID UST:

Facility ID:	12000785
Regulated By:	UTNKA
Regulated ID:	00030785
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AK211 **BO & T - UNIONTOWN UNION GAS** **UST** **U004261665**
SE **724 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.134 mi.
710 ft. **Site 9 of 11 in cluster AK**

Relative:
Higher

Actual:
29 ft.

UST:

Name:	BO & T - UNIONTOWN UNION GAS
Address:	724 G ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000340
Permitting Agency:	Humboldt County Division of Environmental Health
CERSID:	10020421
Latitude:	40.867472
Longitude:	-124.086092

AK212 **UNIONTOWN UNION 76** **LUST** **S102439941**
SE **724 G ST** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521** **EMI**
0.134 mi. **HAZNET**
710 ft. **Site 10 of 11 in cluster AK** **HIST CORTESE**
HWTS

Relative:
Higher

Actual:
29 ft.

LUST:

Name:	UNOCAL #4066
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)

UNIONTOWN UNION 76 (Continued) **S102439941**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300418
Global Id:	T0602300418
Latitude:	40.8673214064975
Longitude:	-124.086155081825
Status:	Completed - Case Closed
Status Date:	04/08/2014
Case Worker:	ZZZ
RB Case Number:	1THU555
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12555
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300418
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300418
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300418
Action Type:	ENFORCEMENT
Date:	05/04/2011
Action:	Staff Letter

Global Id:	T0602300418
Action Type:	ENFORCEMENT
Date:	05/30/2012
Action:	Staff Letter

Global Id:	T0602300418
Action Type:	ENFORCEMENT
Date:	08/07/2003
Action:	Staff Letter

Global Id:	T0602300418
Action Type:	ENFORCEMENT
Date:	08/12/2003
Action:	Staff Letter

Global Id: T0602300418

UNIONTOWN UNION 76 (Continued) **S102439941**

Action Type: ENFORCEMENT
Date: 06/03/2003
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 12/15/2003
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 03/10/2004
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 01/27/2005
Action: Notice of Responsibility

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 11/08/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 12/04/2006
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 03/06/2008
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 04/22/2008
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 06/24/2008
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 03/18/2008
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 05/21/2008
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 11/03/2008

UNIONTOWN UNION 76 (Continued) **S102439941**

Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 04/08/2009
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 05/13/2010
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 10/09/2013
Action: Notification - Public Participation Document

Global Id: T0602300418
Action Type: Other
Date: 05/23/1996
Action: Leak Discovery

Global Id: T0602300418
Action Type: RESPONSE
Date: 10/02/2012
Action: Other Workplan

Global Id: T0602300418
Action Type: RESPONSE
Date: 10/02/2012
Action: Other Workplan

Global Id: T0602300418
Action Type: REMEDIATION
Date: 05/01/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0602300418
Action Type: REMEDIATION
Date: 09/02/1999
Action: Soil Vapor Extraction (SVE)

Global Id: T0602300418
Action Type: REMEDIATION
Date: 09/15/1999
Action: Pump & Treat (P&T) Groundwater

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 11/07/2011
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 02/06/2012
Action: Staff Letter

UNIONTOWN UNION 76 (Continued) **S102439941**

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 04/08/2014
Action: Closure/No Further Action Letter

Global Id: T0602300418
Action Type: Other
Date: 05/23/1996
Action: Leak Reported

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 08/31/2010
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 01/25/2011
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 10/09/2013
Action: Letter - Notice

Global Id: T0602300418
Action Type: Other
Date: 05/23/1996
Action: Leak Stopped

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter

Global Id: T0602300418
Action Type: ENFORCEMENT
Date: 09/15/2009
Action: Staff Letter

LUST:
Global Id: T0602300418
Status: Open - Case Begin Date
Status Date: 05/23/1996

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 06/14/1996

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 06/03/2003

UNIONTOWN UNION 76 (Continued) **S102439941**

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 08/07/2003

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 08/12/2003

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 12/15/2003

Global Id: T0602300418
Status: Open - Site Assessment
Status Date: 03/10/2004

Global Id: T0602300418
Status: Open - Remediation
Status Date: 03/06/2008

Global Id: T0602300418
Status: Open - Remediation
Status Date: 07/24/2009

Global Id: T0602300418
Status: Open - Verification Monitoring
Status Date: 08/13/2009

Global Id: T0602300418
Status: Open - Eligible for Closure
Status Date: 08/08/2013

Global Id: T0602300418
Status: Completed - Case Closed
Status Date: 04/08/2014

LUST REG 1:
Region: 1
Facility ID: 1THU555
Staff Initials: HUM

CORTESE:
Name: UNOCAL #4066
Address: 724 G STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300418
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported

UNIONTOWN UNION 76 (Continued) **S102439941**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	ARCATA UNION TOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA
Year:	2006
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.4912537452661910738
Reactive Organic Gases Tons/Yr:	.4890375
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 93650
Year:	2007
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.2825656808971914341
Reactive Organic Gases Tons/Yr:	.2811545
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2008

UNIONTOWN UNION 76 (Continued) **S102439941**

County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.2512845576092242627
Reactive Organic Gases Tons/Yr:	.2500296
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2009
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.269725153108824
Reactive Organic Gases Tons/Yr:	0.26837810000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2010
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.269725153108824
Reactive Organic Gases Tons/Yr:	0.26837810000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76

UNIONTOWN UNION 76 (Continued) **S102439941**

Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2011
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.26415536503
Reactive Organic Gases Tons/Yr:	0.2628569
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2014
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.567327072
Reactive Organic Gases Tons/Yr:	0.567327072
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2015
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.567327072
Reactive Organic Gases Tons/Yr:	0.567327072
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

UNIONTOWN UNION 76 (Continued) **S102439941**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2016
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.567327072
Reactive Organic Gases Tons/Yr:	0.567327072
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2017
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.535930491
Reactive Organic Gases Tons/Yr:	0.535930491
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2018
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.535930491
Reactive Organic Gases Tons/Yr:	0.535930491
Carbon Monoxide Emissions Tons/Yr:	Not reported

UNIONTOWN UNION 76 (Continued) **S102439941**

NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA UNIONTOWN 76
Address:	724 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2019
County Code:	12
Air Basin:	NC
Facility ID:	674
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.535930491
Reactive Organic Gases Tons/Yr:	0.535930491
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HAZNET:

Name:	UNIONTOWN UNION 76
Address:	724 G ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
Contact:	JUDY BONES
Telephone:	7078259712
Mailing Name:	Not reported
Mailing Address:	1125 16TH STREET
Year:	2019
Gepaid:	CAL000297030
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.20850
Year:	2018
Gepaid:	CAL000297030
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.22518
Year:	2018
Gepaid:	CAL000297030
TSD EPA ID:	CAD097030993
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

UNIONTOWN UNION 76 (Continued) **S102439941**

Tons:	0.22518
Year:	2017
Gepaid:	CAL000297030
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.35028
Year:	2013
Gepaid:	CAL000297030
TSD EPA ID:	CAT080012602
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02085

Additional Info:

Year:	2013
Gen EPA ID:	CAL000297030
Shipment Date:	20130327
Creation Date:	6/10/2013 22:15:06
Receipt Date:	20130329
Manifest ID:	009558211JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080012602
Trans Name:	DK DIXON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000297030
Shipment Date:	20170525
Creation Date:	8/12/2018 18:30:07
Receipt Date:	20170613
Manifest ID:	017464870JJK

UNIONTOWN UNION 76 (Continued) **S102439941**

Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22518
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170223
Creation Date:	5/24/2017 18:30:56
Receipt Date:	20170314
Manifest ID:	016764549JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	UNOCAL #4066
edr_fadd1:	724 G
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU555

HWTS:

UNIONTOWN UNION 76 (Continued) **S102439941**

Name:	UNIONTOWN UNION 76
Address:	724 G ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955216215
EPA ID:	CAL000297030
Inactive Date:	Not reported
Create Date:	07/28/2005
Last Act Date:	08/07/2020
Mailing Name:	Not reported
Mailing Address:	1125 16TH STREET
Mailing Address 2:	SUITE 210
Mailing City,State,Zip:	ARCATA, CA 955210000
Owner Name:	BIG OIL & TIRE COMPANY
Owner Address:	1125 16TH STREET
Owner Address 2:	SUITE 210
Owner City,State,Zip:	ARCATA, CA 955210000
Contact Name:	JUDY BONES
Contact Address:	1125 16TH STREET
Contact Address 2:	SUITE 210
City,State,Zip:	ARCATA, CA 95521

NAICS:

EPA ID:	CAL000297030
Create Date:	2005-07-28 14:55:11.667
NAICS Code:	42272
NAICS Description:	Petroleum and Petroleum Products Wholesalers (except Bulk Stations and Terminals)
Issued EPA ID Date:	2005-07-28 14:55:11.59000
Inactive Date:	Not reported
Facility Name:	UNIONTOWN UNION 76
Facility Address:	724 G ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955216215

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213 **ARCATA CITY OF FRANKLIN R. KLOPP** **SWEEPS UST** **S101582079**
ESE **736 F** **CA FID UST** **N/A**
1/8-1/4 **ARCATA, CA 95521** **ENF**
0.145 mi. **NPDES**
768 ft. **CIWQS**

Relative:
Higher

Actual:
25 ft.

SWEEPS UST:

Name:	ARCATA CITY OF FRANKLIN R. KLOPP
Address:	736 F
City:	ARCATA
Status:	Not reported
Comp Number:	1660
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:
Facility ID: 12001185
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 736 F
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

ENF:
Name: ARCATA CITY CS
Address: 736 F STREET
City,State,Zip: ARCATA, CA 95521
Region: 1
Facility Id: 630338
Agency Name: Arcata City
Place Type: Utility
Place Subtype: Collection_System
Facility Type: Municipal/Domestic
Agency Type: City Agency
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: 3

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SSOMUNILRG
Program Category1:	SSO
Program Category2:	SSO
# Of Programs:	1
WDID:	1SSO10001
Reg Measure Id:	299797
Reg Measure Type:	Enrollee
Region:	1
Order #:	2006-0003-DWQ
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	872
Status:	Active
Status Date:	10/29/2009
Effective Date:	05/01/2007
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	388051
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	04/10/2012
Adoption/Issuance Date:	04/10/2012
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 10-APR-12 for ARCATA CITY
Description:	Failure to complete, approve, and certify any of the required Sewer System Management Plan (SSMP) elements in CIWQS on time.
Program:	SSOMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

NPDES:

Name:	ARCATA RAILS WITH TRAILS PROJECT
Address:	736
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12C372798
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	07/06/2017
Operator Name:	City of Arcata
Operator Address:	736 F St
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	454330
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	1 12C372798
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/30/2017
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

Received Date:	04/27/2015
Processed Date:	04/30/2015
Status:	Terminated
Status Date:	07/06/2017
Place Size:	2
Place Size Unit:	Acres
Contact:	netra khatri
Contact Title:	Not reported
Contact Phone:	707-825-2151
Contact Phone Ext:	Not reported
Contact Email:	nkhatri@cityofarcata.org
Operator Name:	City of Arcata
Operator Address:	736 F St
Operator City:	Arcata
Operator State:	California
Operator Zip:	95521
Operator Contact:	Mark Andre
Operator Contact Title:	Environmental Services Director
Operator Contact Phone:	707-822-8184
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mandre@cityofarcata.org
Operator Type:	City/Town Agency
Developer:	McCullough Construction Inc
Developer Address:	57 Alder Grove Road
Developer City:	Arcata
Developer State:	California
Developer Zip:	95521
Developer Contact:	Dena McCullough
Developer Contact Title:	Vice-President
Constype Linear Utility Ind:	N
Emergency Phone:	7078252173
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	Y
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Mark Andre
Certifier Title:	Environmental Services Director
Certification Date:	27-APR-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	1
Regulatory Measure ID:	454330
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12C372798
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/30/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/30/2017
Discharge Name:	City of Arcata
Discharge Address:	736 F St
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

ARCATA CITY OF FRANKLIN R. KLOPP (Continued) **S101582079**

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ARCATA CITY CS
Address:	736 F STREET
City,State,Zip:	ARCATA, CA 95521
Agency:	Arcata City
Agency Address:	736 F Street, Arcata, CA 95521
Place/Project Type:	Collection_System
SIC/NAICS:	Not reported
Region:	1
Program:	SSOMUNILRG
Regulatory Measure Status:	Active
Regulatory Measure Type:	Enrollee - WDR
Order Number:	2006-0003-DWQ
WDID:	1SSO10001
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	05/01/2007
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

AK214 **ARCATA MUFFLER** **SWEEPS UST** **S101582046**
ESE **791 G ST** **CA FID UST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.146 mi.
769 ft. **Site 11 of 11 in cluster AK**

Relative:
Higher

Actual:
34 ft.

SWEEPS UST:

Name:	ARCATA MUFFLER
Address:	791 G ST
City:	ARCATA
Status:	Not reported
Comp Number:	67912
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-067912-000002
Tank Status:	Not reported
Capacity:	5500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	12000376
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	791 G ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

AN215 **DELUXE CLEANERS** **SEMS-ARCHIVE** **1000818608**
East **987 H ST** **RCRA-SQG** **CAD983645094**
1/8-1/4 **ARCATA, CA 95521** **CPS-SLIC**
0.146 mi. **FINDS**
772 ft. **Site 1 of 3 in cluster AN** **ECHO**
ENF

Relative:
Higher
HAZNET
HWTS

Actual:
36 ft.

SEMS Archive:

Site ID:	0905260
EPA ID:	CAD983645094
Name:	DELUXE CLEANERS

DELUXE CLEANERS (Continued) **1000818608**

Address: 987 H STREET
Address 2: Not reported
City,State,Zip: ARCATA, CA 95521
Cong District: 01
FIPS Code: 06023
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0905260
EPA ID: CAD983645094
Site Name: DELUXE CLEANERS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1999-08-20 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0905260
EPA ID: CAD983645094
Site Name: DELUXE CLEANERS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1999-08-20 04:00:00
Qual: N
Current Action Lead: St Perf

Region: 09
Site ID: 0905260
EPA ID: CAD983645094
Site Name: DELUXE CLEANERS
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1999-08-20 04:00:00
Qual: N
Current Action Lead: St Perf

Region: 09
Site ID: 0905260
EPA ID: CAD983645094

DELUXE CLEANERS (Continued) **1000818608**

Site Name:	DELUXE CLEANERS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-05-11 04:00:00
Finish Date:	1995-05-11 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

RCRA-SQG:

Date Form Received by Agency:		19920727
Handler Name:	DELUXE CLEANERS	
Handler Address:		987 H ST
Handler City,State,Zip:		ARCATA, CA 95521
EPA ID:		CAD983645094
Contact Name:		EDWARD DUNCAN
Contact Address:		987 H ST
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-822-2194
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		987 H ST
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		EDWARD DUNCAN
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

DELUXE CLEANERS (Continued) **1000818608**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EDWARD DUNCAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	987 H ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920727

DELUXE CLEANERS (Continued) **1000818608**

Handler Name: DELUXE CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: GHERA PROPERTY
Address: 987 H STREET
City,State,Zip: ARCATA, CA 95221
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 07/14/2017
Global Id: T0602393218
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.8697426424342
Longitude: -124.086742559525
Case Type: Cleanup Program Site
Case Worker: CSH
Local Agency: HUMBOLDT COUNTY LOP
RB Case Number: 1NHU522
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Under Investigation
Potential Contaminants of Concern: * Solvents, Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110002882346

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

DELUXE CLEANERS (Continued) **1000818608**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000818608
Registry ID:	110002882346
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002882346
Name:	DELUXE CLEANERS
Address:	987 H ST
City,State,Zip:	ARCATA, CA 95521

ENF:

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	227116
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.869753
Place Longitude:	-124.086585
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221642
Region:	1
Order / Resolution Number:	LT941005
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/05/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/05/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU522NSL Ghera Property
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	227116
Agency Name:	Not reported
Place Type:	Facility

DELUXE CLEANERS (Continued) **1000818608**

Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.869753
Place Longitude:	-124.086585
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221280
Region:	1
Order / Resolution Number:	LT950412
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/12/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/12/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU522NSL Ghera Property
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	227116
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.869753
Place Longitude:	-124.086585
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221131
Region:	1
Order / Resolution Number:	LT960118
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/18/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/18/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU522NSL Ghera Property
Description:	REQUESTING SUBMITTAL OF BRIEF WORKPLAN ADDENDUM.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0

DELUXE CLEANERS (Continued) **1000818608**

Total $ Paid/Completed Amount: 0

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	227116
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.869753
Place Longitude:	-124.086585
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225690
Region:	1
Order / Resolution Number:	LT970820
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/20/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/20/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU522NSL Ghera Property
Description:	REQUESTING SUBMITTAL OF ADDENDUM.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	227116
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	40.869753
Place Longitude:	-124.086585
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225628
Region:	1
Order / Resolution Number:	LT971017
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/17/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/17/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU522NSL Ghera Property
Description:	REQUESTING SUBMITTAL OF WORKPLAN ADDENDUM.

DELUXE CLEANERS (Continued) **1000818608**

Program: SLIC
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

HAZNET:
Name: DELUXE CLEANERS
Address: 987 H ST
Address 2: Not reported
City,State,Zip: ARCATA, CA 955210000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 1901 GLENDALE DR

Year: 1998
Gepaid: CAD983645094
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 1.685

Year: 1997
Gepaid: CAD983645094
TSD EPA ID: CAT000613943
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 2.7375

Year: 1996
Gepaid: CAD983645094
TSD EPA ID: CAT000613943
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 1.7325

Year: 1995
Gepaid: CAD983645094
TSD EPA ID: CAT000613943
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 1.785

Year: 1994
Gepaid: CAD983645094
TSD EPA ID: CAT000613943
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 1.5975

Year: 1993

DELUXE CLEANERS (Continued) **1000818608**

Gepaid:	CAD983645094
TSD EPA ID:	CAT000613943
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	1.02

Additional Info:

Year:	1997
Gen EPA ID:	CAD983645094
Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	97342886
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971118
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971119
Manifest ID:	97344051
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Additional Code 5:	Not reported
Shipment Date:	19971118
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971119
Manifest ID:	97344051
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970924
Manifest ID:	96843416
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970924
Manifest ID:	96843416
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970828
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970828
Manifest ID:	96762190
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970828
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970828
Manifest ID:	96762190
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975

DELUXE CLEANERS (Continued) **1000818608**

Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970731
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970801
Manifest ID:	96853696
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970731
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970801
Manifest ID:	96853696
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970702

DELUXE CLEANERS (Continued) **1000818608**

Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970702
Manifest ID:	96786674
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD983645094
Shipment Date:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93120478
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931124
Manifest ID:	93118321
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.255
Waste Quantity:	510
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931027
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931027
Manifest ID:	93086568
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930929
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930929
Manifest ID:	93035911
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station

DELUXE CLEANERS (Continued) **1000818608**

Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930831
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930831
Manifest ID:	93034410
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1275
Waste Quantity:	255
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930804
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930804
Manifest ID:	93222820
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Shipment Date:	19930609
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930609
Manifest ID:	92624710
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930512
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930512
Manifest ID:	92588363
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD983645094

Shipment Date:	19961118
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96463803
Trans EPA ID:	ILD984908202

DELUXE CLEANERS (Continued) **1000818608**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960925
Manifest ID:	96476326
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960925
Manifest ID:	96476326
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

DELUXE CLEANERS (Continued) **1000818608**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960801
Manifest ID:	96106011
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960606
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960606
Manifest ID:	96137661
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Shipment Date:	19960606
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960606
Manifest ID:	96137661
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.585
Waste Quantity:	1170
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960312
Manifest ID:	96254494
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960312
Manifest ID:	96254494
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943

DELUXE CLEANERS (Continued) **1000818608**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960117
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960118
Manifest ID:	95057185
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960117
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960118
Manifest ID:	95057185
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2025
Waste Quantity:	405
Quantity Unit:	P

DELUXE CLEANERS (Continued) **1000818608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983645094
Shipment Date:	19941122
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941123
Manifest ID:	95028212
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941122
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941123
Manifest ID:	95028212
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2625
Waste Quantity:	525
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Shipment Date:	19940928
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19940929
Manifest ID:	95058673
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940928
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19940929
Manifest ID:	95058673
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2325
Waste Quantity:	465
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940803
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940804
Manifest ID:	93678954
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943

DELUXE CLEANERS (Continued) **1000818608**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940803
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940804
Manifest ID:	93678954
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940607
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940608
Manifest ID:	93550239
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P

DELUXE CLEANERS (Continued) **1000818608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940607
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940608
Manifest ID:	93550239
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940607
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940608
Manifest ID:	93550239
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940413
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940413

DELUXE CLEANERS (Continued) **1000818608**

Manifest ID:	93426668
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1575
Waste Quantity:	315
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD983645094
Shipment Date:	19981209
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981221
Manifest ID:	98450998
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981209
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981221
Manifest ID:	98450998
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981021
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981029
Manifest ID:	98567018
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981021
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981029
Manifest ID:	98567018
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390

DELUXE CLEANERS (Continued) **1000818608**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980826
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980903
Manifest ID:	98275691
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980730
Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	98171333
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980730
Creation Date:	10/20/1998 0:00:00

DELUXE CLEANERS (Continued) **1000818608**

Receipt Date:	19980804
Manifest ID:	98171333
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980604
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980611
Manifest ID:	98178095
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980604
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980611
Manifest ID:	98178095
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980406
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980413
Manifest ID:	97389351
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983645094
Shipment Date:	19951121
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951121
Manifest ID:	95725349
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03

DELUXE CLEANERS (Continued) **1000818608**

Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951121
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951121
Manifest ID:	95725349
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950927
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950928
Manifest ID:	95486676
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950927

DELUXE CLEANERS (Continued) **1000818608**

Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950928
Manifest ID:	95486676
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950802
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950803
Manifest ID:	95639551
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.27
Waste Quantity:	540
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950802
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950803
Manifest ID:	95639551
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950512
Manifest ID:	95512333
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2025
Waste Quantity:	405
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950512
Manifest ID:	95512333
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950315
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950316
Manifest ID:	95090851
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950118
Creation Date:	10/20/1995 0:00:00
Receipt Date:	19950119
Manifest ID:	95049695
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2325
Waste Quantity:	465
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	DELUXE CLEANERS
Address:	987 H ST
Address 2:	Not reported

DELUXE CLEANERS (Continued) **1000818608**

City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAD983645094
Inactive Date:	06/30/2000
Create Date:	07/27/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	1901 GLENDALE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MCKINLEYVILLE, CA 955199212
Owner Name:	EDWARD DUNCAN
Owner Address:	987 H ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955216221
Contact Name:	--
Contact Address:	INACT PER NONDEL 00VQ - CR
Contact Address 2:	Not reported
City,State,Zip:	--, 99 999990000

AN216 **GHERA PROPERTY** **CPS-SLIC** **S105050932**
East **987 H STREET** **CERS** **N/A**
1/8-1/4 **ARCATA, CA 95221**
0.146 mi.
772 ft. **Site 2 of 3 in cluster AN**

Relative:
Higher

Actual:
36 ft.

SLIC REG 1:

Region:	1
Facility ID:	1NHU522
Staff Initials:	KSA

CERS:

Name:	GHERA PROPERTY
Address:	987 H STREET
City,State,Zip:	ARCATA, CA 95221
Site ID:	33151
CERS ID:	227116
CERS Description:	Tanks & Ground Water Clean Up

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-05-2001
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,

Eval General Type:	Initial Site Inspection
Eval Date:	02-08-1996
Violations Found:	No
Eval Type:	Prerequirement inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,

Eval General Type:	Initial Site Inspection
Eval Date:	04-08-1997

GHERA PROPERTY (Continued) **S105050932**

Violations Found: No
Eval Type: Prerequirement inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Eval General Type: Other/Unknown
Eval Date: 10-12-1995
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Enforcement Action:
Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 10-17-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 01-18-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 10-05-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151

GHERA PROPERTY (Continued) **S105050932**

Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 04-12-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 08-20-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CRAIG HUNT - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GHERA PROPERTY
Address: 987 H STREET
City,State,Zip: ARCATA, CA 95221
Site ID: 33151
CERS ID: T0602393218
CERS Description: Cleanup Program Site

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-05-2001
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Eval General Type: Initial Site Inspection
Eval Date: 02-08-1996
Violations Found: No

GHERA PROPERTY (Continued) **S105050932**

Eval Type: Prerequirement inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Eval General Type: Initial Site Inspection
Eval Date: 04-08-1997
Violations Found: No
Eval Type: Prerequirement inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Eval General Type: Other/Unknown
Eval Date: 10-12-1995
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: SLIC
Eval Source: CIWQS,

Enforcement Action:
Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 10-17-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 01-18-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 10-05-1994

GHERA PROPERTY (Continued) **S105050932**

Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 04-12-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Site ID: 33151
Site Name: Ghera Property
Site Address: 987 H STREET
Site City: ARCATA
Site Zip: 95221
Enf Action Date: 08-20-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: SLIC
Enf Action Source: CIWQS,

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CRAIG HUNT - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AO217 **SCHMIDT RESIDENCE** **LUST** **S104025268**
NE **J STREET 1562** **N/A**
1/8-1/4 **ARCATA, CA**
0.152 mi.
803 ft. **Site 1 of 2 in cluster AO**

Relative: LUST REG 1:
Higher Region: 1
Facility ID: 1THU710
Actual: Staff Initials: HUM
77 ft.

AO218 **SCHMIDT RESIDENCE** **LUST** **S104571204**
NE **1562 J** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HIST CORTESE**
0.159 mi.
841 ft. **Site 2 of 2 in cluster AO**

Relative:
Higher

Actual:
79 ft.

LUST:

Name:	SCHMIDT RESIDENCE
Address:	1562 J STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300499
Global Id:	T0602300499
Latitude:	40.8746943575395
Longitude:	-124.086652801703
Status:	Completed - Case Closed
Status Date:	11/22/2002
Case Worker:	ZZZ
RB Case Number:	1THU710
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12710
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300499
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300499
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300499
Action Type:	ENFORCEMENT
Date:	11/22/2002
Action:	Closure/No Further Action Letter - #12710.RACC

Global Id:	T0602300499
Action Type:	ENFORCEMENT
Date:	11/18/2002
Action:	Technical Correspondence / Assistance / Other

Global Id:	T0602300499
Action Type:	ENFORCEMENT

SCHMIDT RESIDENCE (Continued) **S104571204**

Date: 11/20/2002
Action: Closure/No Further Action Letter

Global Id: T0602300499
Action Type: ENFORCEMENT
Date: 11/18/2002
Action: Staff Letter

Global Id: T0602300499
Action Type: Other
Date: 06/07/1999
Action: Leak Discovery

Global Id: T0602300499
Action Type: ENFORCEMENT
Date: 11/12/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300499
Action Type: ENFORCEMENT
Date: 10/17/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300499
Action Type: Other
Date: 06/07/1999
Action: Leak Reported

Global Id: T0602300499
Action Type: RESPONSE
Date: 08/21/2002
Action: Request for Closure

Global Id: T0602300499
Action Type: Other
Date: 06/07/1999
Action: Leak Stopped

LUST:
Global Id: T0602300499
Status: Open - Case Begin Date
Status Date: 06/07/1999

Global Id: T0602300499
Status: Open - Site Assessment
Status Date: 07/08/1999

Global Id: T0602300499
Status: Completed - Case Closed
Status Date: 11/22/2002

CORTESE:
Name: SCHMIDT RESIDENCE
Address: 1562 J STREET
City,State,Zip: ARCATA, CA 95521

SCHMIDT RESIDENCE (Continued) **S104571204**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300499
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SCHMIDT RESIDENCE
edr_fadd1:	1562 J
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU710

AN219 **HUMBOLDT OPEN DOOR CLINIC** **CUPA Listings** **S113047141**
East **770 10TH ST** **HAZNET** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HWTS**
0.176 mi.
927 ft. **Site 3 of 3 in cluster AN**

Relative:
Higher

Actual:
42 ft.

CUPA HUMBOLDT:

Name:	HUMBOLDT OPEN DOOR CLINIC
Address:	770 10TH ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0001594
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	Not reported
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0002651
District:	N - North
SIC Code:	(none)
Last Touched:	10/11/2014
Update By:	dsc\\errolallard
Contact Name:	Herrmann Spetzler
Day Phone:	7078268633
Latitude:	Not reported
Longitude:	Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

HAZNET:

Name:	HUMBOLDT OPEN DOOR CLINIC
Address:	770 10TH ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
Contact:	CHEYENNE SPETZLER, COO
Telephone:	7078268633
Mailing Name:	Not reported
Mailing Address:	670 9TH ST STE 203
Year:	2008
Gepaid:	CAL000065915
TSD EPA ID:	CAD981429673
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.2502
Year:	2007
Gepaid:	CAL000065915
TSD EPA ID:	CAD981429673
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.1251
Year:	2001
Gepaid:	CAL000065915
TSD EPA ID:	CAD981429673
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.1251
Year:	2000
Gepaid:	CAL000065915
TSD EPA ID:	CAD981429673
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.1918
Year:	1999
Gepaid:	CAL000065915
TSD EPA ID:	CAD981429673
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.1876
Year:	1998
Gepaid:	CAL000065915
TSD EPA ID:	CAL000121946
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.1251
Year:	1997
Gepaid:	CAL000065915
TSD EPA ID:	CAL000121946
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Tons: 0.2085

Year: 1996
Gepaid: CAL000065915
TSD EPA ID: CAL000121946
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.2085

Year: 1995
Gepaid: CAL000065915
TSD EPA ID: CAL000121946
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.2085

Year: 1994
Gepaid: CAL000065915
TSD EPA ID: CAD981161367
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.1251

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1999
Gen EPA ID: CAL000065915

Shipment Date: 19990916
Creation Date: 11/18/1999 0:00:00
Receipt Date: 19990917
Manifest ID: 99427183
Trans EPA ID: CAD981429673
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: Not reported
TSDF Alt EPA ID: CAD981429673
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.1876
Waste Quantity: 45
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Year:	1997
Gen EPA ID:	CAL000065915
Shipment Date:	19971124
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971125
Manifest ID:	97270610
Trans EPA ID:	CAL000121946
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000121946
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970725
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970728
Manifest ID:	96711905
Trans EPA ID:	CAL000121946
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000121946
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000065915
Shipment Date:	19940411
Creation Date:	10/5/1995 0:00:00

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Receipt Date:	19940411
Manifest ID:	93011853
Trans EPA ID:	CAD981161367
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981161367
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000065915
Shipment Date:	20000803
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000804
Manifest ID:	20165504
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981429673
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0667
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000508
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000510
Manifest ID:	99634326
Trans EPA ID:	CAD981429673
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000065915
Shipment Date:	20070314
Creation Date:	8/11/2007 18:30:13
Receipt Date:	20070315
Manifest ID:	002182521JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000065915
Shipment Date:	19961025
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961028
Manifest ID:	96057759
Trans EPA ID:	CAL000121946
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000121946
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000065915
Shipment Date:	19951011
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951012
Manifest ID:	95928564
Trans EPA ID:	CAL000121946
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000121946
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950329
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950331
Manifest ID:	95184351
Trans EPA ID:	CAL000121946
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000121946
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000065915
Shipment Date:	19931018
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931018
Manifest ID:	93203435
Trans EPA ID:	CAD981161367
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981161367
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930317
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930317
Manifest ID:	92774142
Trans EPA ID:	CAD981161367
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981161367
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981161367
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000065915
Shipment Date:	20080925
Creation Date:	10/30/2008 18:30:18
Receipt Date:	20080926
Manifest ID:	001507859FLE
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080115
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20080116
Manifest ID:	003496364JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAL000065915

Shipment Date: 20010108
Creation Date: 3/22/2001 0:00:00
Receipt Date: 20010109
Manifest ID: 98390576
Trans EPA ID: CAD981429673
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981429673
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAL000065915

Shipment Date: 19981211
Creation Date: 2/2/1999 0:00:00
Receipt Date: 19981212
Manifest ID: 98479714
Trans EPA ID: CAL000121946
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000121946
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

HUMBOLDT OPEN DOOR CLINIC (Continued) **S113047141**

Additional Code 5: Not reported

HWTS:
- Name: HUMBOLDT OPEN DOOR CLINIC
- Address: 770 10TH ST
- Address 2: Not reported
- City,State,Zip: ARCATA, CA 955210000
- EPA ID: CAL000065915
- Inactive Date: 06/30/2010
- Create Date: 03/11/1992
- Last Act Date: 04/05/2011
- Mailing Name: Not reported
- Mailing Address: 670 9TH ST STE 203
- Mailing Address 2: Not reported
- Mailing City,State,Zip: ARCATA, CA 955216249
- Owner Name: OPEN DOOR COMMUNITY HEALTH CTR
- Owner Address: 670 9TH ST STE 203
- Owner Address 2: Not reported
- Owner City,State,Zip: ARCATA, CA 955216249
- Contact Name: CHEYENNE SPETZLER, COO
- Contact Address: 670 9TH ST STE 203
- Contact Address 2: Not reported
- City,State,Zip: ARCATA, CA 955216249

NAICS:
- EPA ID: CAL000065915
- Create Date: 2004-10-20 10:23:57.043
- NAICS Code: 62121
- NAICS Description: Offices of Dentists
- Issued EPA ID Date: 1992-03-11 00:00:00
- Inactive Date: 2010-06-30 00:00:00
- Facility Name: HUMBOLDT OPEN DOOR CLINIC
- Facility Address: 770 10TH ST
- Facility Address 2: Not reported
- Facility City: ARCATA
- Facility County: Not reported
- Facility State: CA
- Facility Zip: 955210000

220
SSE
1/8-1/4
0.181 mi.
958 ft.

MARSH COMMONS
101 G STREET, SOUTH
ARCATA, CA 95521

CPS-SLIC **S105050871**
ENF **N/A**

Relative:
Lower

Actual:
12 ft.

SLIC REG 1:
- Region: 1
- Facility ID: 1NHU606
- Staff Initials: Facility Closed

CPS-SLIC:
- Name: MARSH COMMONS
- Address: 101 G STREET, SOUTH
- City,State,Zip: ARCATA, CA 95521
- Region: STATE
- **Facility Status: Completed - Case Closed**

MARSH COMMONS (Continued) **S105050871**

Status Date:	10/22/2001
Global Id:	T0602393401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8610655
Longitude:	-124.0886837
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU606
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	MARSH COMMONS
Address:	101 G STREET
City,State,Zip:	ARCATA, CA 95521
Region:	1
Facility Id:	239624
Agency Name:	Marsh Commons
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	40.862232
Place Longitude:	-124.088296
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	AGT
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1

MARSH COMMONS (Continued) **S105050871**

WDID:	1B1HU606NSL
Reg Measure Id:	153619
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/02/2012
Effective Date:	11/05/1996
Expiration/Review Date:	Not reported
Termination Date:	10/22/2001
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	224516
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	03/15/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/15/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU606NSL Marsh Commons
Description:	MONITORING AND REPORTING PROGRAM NO. 98-127 REQUIRES REPORT SUBMITTAL BY 1/15/00. NO REPORT RECEIVED. NO SAMPLES OR DATA COLLECTED FOR 4TH QUARTER 1999
Program:	AGT
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

AP221 **OLD ARCATA CITY HALL** **LUST** **S106163430**
ESE **900 G STREET** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.190 mi.
1003 ft. **Site 1 of 8 in cluster AP**

Relative:
Higher

Actual:
40 ft.

LUST:

Name:	OLD ARCATA CITY HALL
Address:	900 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602379923
Global Id:	T0602379923
Latitude:	40.8687706596973
Longitude:	-124.085285326753
Status:	Completed - Case Closed
Status Date:	08/11/2004
Case Worker:	ZZZ
RB Case Number:	1THU798
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12798
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

LUST:

Global Id:	T0602379923
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602379923
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602379923
Action Type:	ENFORCEMENT
Date:	01/07/2004
Action:	Staff Letter

Global Id:	T0602379923
Action Type:	ENFORCEMENT
Date:	07/26/2004
Action:	Technical Correspondence / Assistance / Other

Global Id:	T0602379923
Action Type:	ENFORCEMENT

OLD ARCATA CITY HALL (Continued) **S106163430**

Date: 03/04/2004
Action: Staff Letter

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 03/16/2004
Action: * No Action

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 07/02/2004
Action: LOP Case Closure Summary to RB

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Meeting

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 08/11/2004
Action: Closure/No Further Action Letter

Global Id: T0602379923
Action Type: Other
Date: 06/13/2003
Action: Leak Discovery

Global Id: T0602379923
Action Type: REMEDIATION
Date: 07/30/2003
Action: Excavation

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 11/21/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602379923
Action Type: Other
Date: 06/13/2003
Action: Leak Reported

Global Id: T0602379923
Action Type: RESPONSE
Date: 09/08/2004
Action: Other Report / Document

Global Id: T0602379923
Action Type: ENFORCEMENT
Date: 08/10/2004
Action: Closure Summary - #12798.CCS

Global Id: T0602379923
Action Type: Other
Date: 07/30/2003
Action: Leak Stopped

OLD ARCATA CITY HALL (Continued) **S106163430**

LUST:

Global Id:	T0602379923
Status:	Open - Case Begin Date
Status Date:	06/13/2003
Global Id:	T0602379923
Status:	Open - Remediation
Status Date:	07/30/2003
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	07/30/2003
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	12/17/2003
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	01/07/2004
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	03/04/2004
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	03/16/2004
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	06/30/2004
Global Id:	T0602379923
Status:	Open - Site Assessment
Status Date:	07/01/2004
Global Id:	T0602379923
Status:	Completed - Case Closed
Status Date:	08/11/2004

CORTESE:

Name:	OLD ARCATA CITY HALL
Address:	900 G STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602379923
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported

OLD ARCATA CITY HALL (Continued) **S106163430**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AQ222 **SHIFT-EZE TRANSMISSION SPECIALISTS** **CUPA Listings** **S125471979**
North **1800 Q ST STE B** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.192 mi.
1012 ft. **Site 1 of 5 in cluster AQ**

Relative: CUPA HUMBOLDT:
Higher

Name:	SHIFT-EZE TRANSMISSION SPECIALISTS
Address:	1800 Q ST STE B
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002877
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10021966
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0000902
District:	N - North
SIC Code:	(none)
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Randy Bodeker
Day Phone:	7078267662
Latitude:	40.87852
Longitude:	-124.0940

Actual:
19 ft.

AQ223 **MAIL HAUL INC** **RCRA NonGen / NLR** **1024856080**
North **1800 Q ST STE A** **CAL000419524**
1/8-1/4 **ARCATA, CA 95521**
0.192 mi.
1012 ft. **Site 2 of 5 in cluster AQ**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		20160815
Handler Name:	MAIL HAUL INC	
Handler Address:		1800 Q ST STE A
Handler City,State,Zip:		ARCATA, CA 95521-9502
EPA ID:		CAL000419524
Contact Name:		MANUEL CAMPOS
Contact Address:		1048 N 10TH ST
Contact City,State,Zip:		SAN JOSE, CA 95112
Contact Telephone:		408-482-7664
Contact Fax:		408-298-1026

Actual:
19 ft.

MAIL HAUL INC (Continued) **1024856080**

Contact Email:	PHILLYNASH@PACIFIC.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11201 BURRIS LN
Mailing City,State,Zip:	POTTER VALLEY, CA 95469-9710
Owner Name:	LYNETTE ROSE
Owner Type:	Other
Operator Name:	MANUEL CAMPOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

MAIL HAUL INC (Continued) **1024856080**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MANUEL CAMPOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1048 N 10TH ST
Owner/Operator City,State,Zip:	SAN JOSE, CA 95112
Owner/Operator Telephone:	408-482-7664
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LYNETTE ROSE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11201 BURRIS LN
Owner/Operator City,State,Zip:	POTTER VALLEY, CA 95469-9710
Owner/Operator Telephone:	707-743-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160815
Handler Name: MAIL HAUL INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

MAIL HAUL INC (Continued) **1024856080**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AQ224 **MAIL HAUL INC.** **CUPA Listings** **S118689394**
North **1800 Q ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.192 mi.
1012 ft. **Site 3 of 5 in cluster AQ**

Relative:
Higher

Actual:
19 ft.

CUPA HUMBOLDT:

Name:	MAIL HAUL INC.
Address:	1800 Q ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002525
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10021963
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001597
District:	N - North
SIC Code:	(none)
Last Touched:	03/15/2021
Update By:	DADAMS
Contact Name:	Charles Lindquist
Day Phone:	7078258516
Latitude:	40.87758
Longitude:	-124.0942

Name:	MAIL HAUL INC.
Address:	1800 Q ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002525
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10021963
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007203
District:	N - North
SIC Code:	(none)
Last Touched:	03/15/2021
Update By:	DADAMS
Contact Name:	Charles Lindquist
Day Phone:	7078258516
Latitude:	40.87758

MAIL HAUL INC. (Continued) **S118689394**

Longitude: -124.0942

AQ225 **MAIL HAUL INC.** **CERS HAZ WASTE** **S123102902**
North **1800 Q ST** **CERS** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.192 mi.
1012 ft. **Site 4 of 5 in cluster AQ**

Relative:
Higher

Actual:
19 ft.

CERS HAZ WASTE:
Name: MAIL HAUL INC.
Address: 1800 Q ST
City,State,Zip: ARCATA, CA 95521
Site ID: 59289
CERS ID: 10021963
CERS Description: Hazardous Waste Generator

CERS:
Name: MAIL HAUL INC.
Address: 1800 Q ST
City,State,Zip: ARCATA, CA 95521
Site ID: 59289
CERS ID: 10021963
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 59289
Site Name: Mail Haul Inc.
Violation Date: 01-29-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/29/2018. Observed over 55 gallons of waste antifreeze and a 55 gallon drum of oily solids stored onsite but are not listed on the haz mat inventory. ALl threshold quantities of hazardous materials (and 100% increase or more of previously reported hazardous materials) must be listed on the haz mat inventory. This was corrected at time of inspection.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 59289
Site Name: Mail Haul Inc.
Violation Date: 01-29-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/20/2018. No documentation of employee training retained onsite in regards to hazardous materials handling and emergency response procedures. All employees must be trained after new-hire and annually as a refresher. Hold a training with all employees who work with hazardous materials and submit documentation of proof of training to DEH along with a signed "Self Certification of

MAIL HAUL INC. (Continued) **S123102902**

	Return to Compliance" form within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	59289
Site Name:	Mail Haul Inc.
Violation Date:	01-16-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 02/26/2020. OBSERVATION: Owner/Operator is a small quantity generator and failed to send hazardous waste off-site for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles). Inspector observed one 55 gallon drum of waste oily absorbent over the 270 day time frame. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected within 45 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	59289
Site Name:	Mail Haul Inc.
Violation Date:	01-29-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/29/2018. Observed waste antifreeze and waste diesel/water containers missing hazardous waste labels. ALl containers holding hazardous waste must be labeled with generator name and info, hazardous and physical properties of the waste, and the accumulation start date. This was corrected at time of inspection.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	59289
Site Name:	Mail Haul Inc.
Violation Date:	01-29-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during

MAIL HAUL INC. (Continued) **S123102902**

storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 02/20/2018. Observed a 15 gallon waste antifreeze drum to be missing a lid. All containers of haz waste must be kept securely closed except when adding or removing waste. Obtain a lid for this container within 30 days and submit a signed "Self Certification of Return to Compliance" form to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 59289
Site Name: Mail Haul Inc.
Violation Date: 01-29-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 02/20/2018. Observed 55 gallon drum and 15 gallon drum of waste antifreeze to be full and no label indicating the start date for accumulation onsite. DId not observe last manifest for pickup of waste antifreeze. Operator has indicated that they have requested a pickup from their haz waste hauler. Dispose of all waste antifreeze using a licensed transporter within 30 days and submit copy of waste manifest receipt to DEH along with a signed "Self Certification of Return to Compliance" form.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

MAIL HAUL INC. (Continued) **S123102902**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See paper copy in file for signature
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2018
Violations Found: Yes

MAIL HAUL INC. (Continued) **S123102902**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 59289
Facility Name: Mail Haul Inc.
Env Int Type Code: HWG
Program ID: 10021963
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 40.878689
Longitude: -124.093742

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Charles Lindquist
Entity Title: Mechanic
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Legal Owner
Entity Name: Mail Haul Inc
Entity Title: Not reported
Affiliation Address: 1800 Q St
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 743-2006,

Affiliation Type Desc: Operator
Entity Name: Mail Haul Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 834-8350,

MAIL HAUL INC. (Continued) **S123102902**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1800 Q St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Charles Lindquist
Entity Title:	Not reported
Affiliation Address:	1800 Q St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Mail Haul, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AQ226 **CASCADE FOREST PRO INC** **HIST UST** **U001611419**
North **1800 Q ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.192 mi.
1012 ft. **Site 5 of 5 in cluster AQ**

Relative: HIST UST:
Higher

Actual: Name:	CASCADE FOREST PRO INC
19 ft. Address:	1800 Q ST
City,State,Zip:	ARCATA, CA 95521
File Number:	00025D06
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025D06.pdf
Region:	STATE
Facility ID:	00000050374
Facility Type:	Other
Other Type:	COMPOST MFG. CO.
Contact Name:	JOE LINDAREN
Telephone:	7078222476
Owner Name:	CASCADE FOREST PRO. INC.
Owner Address:	1800 Q ST.
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00000500

CASCADE FOREST PRO INC (Continued) **U001611419**

Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

227
East
1/8-1/4
0.193 mi.
1021 ft.

WELLS FARGO - ARCATA (BE# 199068) **RCRA NonGen / NLR** **1026047435**
1103 G STREET **CAC003053995**
ARCATA, CA 95521

Relative:
Higher

Actual:
64 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20200203
Handler Name:	WELLS FARGO - ARCATA (BE# 199068)
Handler Address:	1103 G STREET
Handler City,State,Zip:	ARCATA, CA 95521
EPA ID:	CAC003053995
Contact Name:	COREY HANKS
Contact Address:	100 W WASHINGTON STREET
Contact City,State,Zip:	PHOENIX, AZ 85003
Contact Telephone:	480-220-4140
Contact Fax:	Not reported
Contact Email:	COREY.W.HANKS@WELLSFARGO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 MARKET STREET
Mailing City,State,Zip:	SAN FRANCISCO, CA 94105
Owner Name:	WELLS FARGO BANK CPG COMPLIANCE
Owner Type:	Other
Operator Name:	COREY HANKS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

WELLS FARGO - ARCATA (BE# 199068) (Continued) **1026047435**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WELLS FARGO BANK CPG COMPLIANCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 MARKET STREET
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94105
Owner/Operator Telephone:	480-220-4140
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COREY HANKS
Legal Status:	Other
Date Became Current:	Not reported

WELLS FARGO - ARCATA (BE# 199068) (Continued) **1026047435**

Date Ended Current:	Not reported
Owner/Operator Address:	100 W WASHINGTON STREET
Owner/Operator City,State,Zip:	PHOENIX, AZ 85003
Owner/Operator Telephone:	480-220-4140
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200203
Handler Name:	WELLS FARGO - ARCATA (BE# 199068)
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	52211
NAICS Description:	COMMERCIAL BANKING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AR228 **COMPLETE ENGINE SERVICE** **CERS HAZ WASTE** **S123098628**
SSE **105 H ST** **CERS** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HWTS**
0.198 mi.
1047 ft. **Site 1 of 3 in cluster AR**

Relative:
Lower

Actual:
11 ft.

CERS HAZ WASTE:

Name:	COMPLETE ENGINE SERVICE
Address:	105 H ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	21175
CERS ID:	10020115
CERS Description:	Hazardous Waste Generator

CERS:

Name:	COMPLETE ENGINE SERVICE
Address:	105 H ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	21175
CERS ID:	10020115
CERS Description:	Chemical Storage Facilities

COMPLETE ENGINE SERVICE (Continued) **S123098628**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-13-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020

COMPLETE ENGINE SERVICE (Continued) **S123098628**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-13-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	21175
Facility Name:	Complete Engine Service
Env Int Type Code:	HWG
Program ID:	10020115
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	40.862225
Longitude:	-124.089378

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Legal Owner
Entity Name:	Todd Ellingson
Entity Title:	Not reported
Affiliation Address:	105 H St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-7453,
Affiliation Type Desc:	Document Preparer
Entity Name:	Todd Ellingson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

COMPLETE ENGINE SERVICE (Continued) **S123098628**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Todd Ellingson
Entity Title:	Not reported
Affiliation Address:	105 H street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Todd Ellingson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-7453,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Complete Engine Service
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	105 H Street
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Todd Ellingson
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	COMPLETE ENGINE SERVICE
Address:	105 H ST
Address 2:	Not reported
City,State,Zip:	ARCATA, CA 955210000
EPA ID:	CAL000049259

COMPLETE ENGINE SERVICE (Continued) **S123098628**

Inactive Date:	06/30/2005
Create Date:	08/04/1993
Last Act Date:	09/27/2005
Mailing Name:	Not reported
Mailing Address:	105 H ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 955216632
Owner Name:	KENNETH FRANCIS
Owner Address:	105 H ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 955216632
Contact Name:	KENNETH FRANCIS - OWNER
Contact Address:	2430 HILLSIDE DR
Contact Address 2:	Not reported
City,State,Zip:	EUREKA, CA 955010000

NAICS:

EPA ID:	CAL000049259
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1993-08-04 00:00:00
Inactive Date:	2005-06-30 15:01:00
Facility Name:	COMPLETE ENGINE SERVICE
Facility Address:	105 H ST
Facility Address 2:	Not reported
Facility City:	ARCATA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955210000

AR229 **COMPLETE ENGINE SERVICE** **CUPA Listings** **S110738002**
SSE **105 H ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.198 mi.
1047 ft. **Site 2 of 3 in cluster AR**

Relative:
Lower

Actual:
11 ft.

CUPA HUMBOLDT:

Name:	COMPLETE ENGINE SERVICE
Address:	105 H ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000720
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10020115
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0007256
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Todd Ellingson
Day Phone:	7078227453
Latitude:	40.86221
Longitude:	-124.0891

COMPLETE ENGINE SERVICE (Continued) **S110738002**

Name:	COMPLETE ENGINE SERVICE
Address:	105 H ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0000720
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020115
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0001259
District:	N - North
SIC Code:	7538 - General automotive repair shops
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Ken Francis
Day Phone:	7078227453
Latitude:	40.86221
Longitude:	-124.0891

AR230 **COMPLETE ENGINE SERVICE** **RCRA NonGen / NLR** **1024811484**
SSE **105 H ST** **CAL000295322**
1/8-1/4 **ARCATA, CA 95521**
0.198 mi.
1047 ft. **Site 3 of 3 in cluster AR**

Relative: **Lower**
Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20050616
Handler Name:	COMPLETE ENGINE SERVICE
Handler Address:	105 H ST
Handler City,State,Zip:	ARCATA, CA 95521-6632
EPA ID:	CAL000295322
Contact Name:	TODD ELLINGSON
Contact Address:	105 H ST
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-822-7453
Contact Fax:	000-000-0000
Contact Email:	NSTIGATOR74@HOTMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	105 H ST
Mailing City,State,Zip:	ARCATA, CA 95521-6632
Owner Name:	TODD ELLINGSON
Owner Type:	Other
Operator Name:	TODD ELLINGSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

COMPLETE ENGINE SERVICE (Continued) **1024811484**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TODD ELLINGSON
Legal Status:	Other

COMPLETE ENGINE SERVICE (Continued) **1024811484**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	105 H ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-822-7453
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TODD ELLINGSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	105 H ST
Owner/Operator City,State,Zip:	ARCATA, CA 95521-6632
Owner/Operator Telephone:	707-822-7453
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20050616
Handler Name:	COMPLETE ENGINE SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811198
NAICS Description:	ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

231
East
1/8-1/4
0.199 mi.
1049 ft.

UNOCAL #0885
1033 G
ARCATA, CA 95518

LUST **S102424002**
Cortese **N/A**
HIST CORTESE

Relative:
Higher

Actual:
48 ft.

LUST:

Name:	UNOCAL #0885
Address:	1033 G STREET
City,State,Zip:	ARCATA, CA 95518
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300412
Global Id:	T0602300412
Latitude:	40.8698169063435
Longitude:	-124.085645749223
Status:	Completed - Case Closed
Status Date:	04/28/1998
Case Worker:	ZZZ
RB Case Number:	1THU548
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12548
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0602300412
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300412
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300412
Action Type:	ENFORCEMENT
Date:	04/28/1998
Action:	Closure/No Further Action Letter - #12548.RACC

Global Id:	T0602300412
Action Type:	Other
Date:	02/02/1996
Action:	Leak Discovery

Global Id:	T0602300412
Action Type:	Other

UNOCAL #0885 (Continued) **S102424002**

Date: 02/02/1996
Action: Leak Reported

Global Id: T0602300412
Action Type: RESPONSE
Date: 12/01/1997
Action: Soil and Water Investigation Report

Global Id: T0602300412
Action Type: Other
Date: 02/02/1996
Action: Leak Stopped

LUST:
Global Id: T0602300412
Status: Open - Case Begin Date
Status Date: 02/02/1996

Global Id: T0602300412
Status: Open - Site Assessment
Status Date: 02/16/1996

Global Id: T0602300412
Status: Open - Remediation
Status Date: 04/03/1998

Global Id: T0602300412
Status: Open - Site Assessment
Status Date: 04/03/1998

Global Id: T0602300412
Status: Open - Verification Monitoring
Status Date: 04/03/1998

Global Id: T0602300412
Status: Completed - Case Closed
Status Date: 04/28/1998

LUST REG 1:
Region: 1
Facility ID: 1THU548
Staff Initials: Closed

CORTESE:
Name: UNOCAL #0885
Address: 1033 G STREET
City,State,Zip: ARCATA, CA 95518
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300412
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported

UNOCAL #0885 (Continued) **S102424002**

Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	UNOCAL #0885
edr_fadd1:	1033 G
City,State,Zip:	ARCATA, CA 95518
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU548

AP232 **BANK OF LOLETA** **HIST UST** **S118407756**
ESE **990 G STREET** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.203 mi.
1074 ft. **Site 2 of 8 in cluster AP**

Relative:
Higher

Actual:
43 ft.

HIST UST:

Name:	BANK OF LOLETA
Address:	990 G STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025C60
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025C60.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

BANK OF LOLETA (Continued) **S118407756**

Click here for Geo Tracker PDF:

AP233 **BANK OF LOLETA** **HIST UST** **U001611407**
ESE **990 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.203 mi.
1074 ft. **Site 3 of 8 in cluster AP**

Relative: HIST UST:
Higher

Name:	BANK OF LOLETA
Address:	990 G ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000054540
Facility Type:	Other
Other Type:	BANK
Contact Name:	JUDITH GARNER
Telephone:	7078227031
Owner Name:	BANK OF LOLETA
Owner Address:	PO BOX 1020
Owner City,St,Zip:	EUREKA, CA 95501
Total Tanks:	0003
Tank Num:	001
Container Num:	003
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	002
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Actual:
43 ft.

AP234 **US BANK OF CALIFORNIA** **SWEEPS UST** **S101582111**
ESE **990 G ST** **CA FID UST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.203 mi.
1074 ft. **Site 4 of 8 in cluster AP**

Relative:
Higher

Actual:
43 ft.

SWEEPS UST:

Name:	US BANK OF CALIFORNIA (BANK OF LOLETA)
Address:	990 G ST
City:	ARCATA
Status:	Not reported
Comp Number:	54540
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-054540-000001
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	3

Name:	US BANK OF CALIFORNIA (BANK OF LOLETA)
Address:	990 G ST
City:	ARCATA
Status:	Not reported
Comp Number:	54540
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-054540-000002
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

Name:	US BANK OF CALIFORNIA (BANK OF LOLETA)
Address:	990 G ST
City:	ARCATA
Status:	Not reported
Comp Number:	54540
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-054540-000003

US BANK OF CALIFORNIA (Continued) **S101582111**

Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 12001348
Regulated By: UTNKI
Regulated ID: 00054540
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 990 G ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

AP235 **U. S. BANK OF CALIFORNIA** **LUST** **S102439455**
East **TENTH & G ST** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HIST CORTESE**
0.204 mi.
1075 ft. **Site 5 of 8 in cluster AP**

Relative: **Higher**
Actual: **46 ft.**

LUST REG 1:
Region: 1
Facility ID: 1THU047
Staff Initials: Closed

CORTESE:
Name: U. S. BANK OF CALIFORNIA
Address: TENTH & G STREETS
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300042
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported

U. S. BANK OF CALIFORNIA (Continued) **S102439455**

Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: U. S. BANK OF CALIFORNIA
edr_fadd1: TENTH & G ST
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU047

AP236 **U. S. BANK OF CALIFORNIA** **LUST** **S110654118**
East **TENTH & G STREETS** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.204 mi.
1075 ft. **Site 6 of 8 in cluster AP**

Relative:
Higher

Actual:
46 ft.

LUST:
Name: U. S. BANK OF CALIFORNIA
Address: TENTH & G STREETS
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300042
Global Id: T0602300042
Latitude: 40.8696538
Longitude: -124.0854721
Status: Completed - Case Closed
Status Date: 11/16/1992
Case Worker: ZZZ
RB Case Number: 1THU047
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300042
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075762220

LUST:
Global Id: T0602300042
Action Type: Other
Date: 06/07/1988

U. S. BANK OF CALIFORNIA (Continued) **S110654118**

Action: Leak Discovery

Global Id: T0602300042
Action Type: ENFORCEMENT
Date: 01/18/2000
Action: * Historical Enforcement

Global Id: T0602300042
Action Type: Other
Date: 06/07/1988
Action: Leak Reported

Global Id: T0602300042
Action Type: Other
Date: 06/07/1988
Action: Leak Stopped

LUST:
Global Id: T0602300042
Status: Open - Case Begin Date
Status Date: 06/07/1988

Global Id: T0602300042
Status: Open - Site Assessment
Status Date: 06/07/1988

Global Id: T0602300042
Status: Open - Site Assessment
Status Date: 11/13/1990

Global Id: T0602300042
Status: Open - Site Assessment
Status Date: 04/17/1991

Global Id: T0602300042
Status: Open - Remediation
Status Date: 09/05/1991

Global Id: T0602300042
Status: Open - Site Assessment
Status Date: 09/05/1991

Global Id: T0602300042
Status: Open - Verification Monitoring
Status Date: 09/05/1991

Global Id: T0602300042
Status: Completed - Case Closed
Status Date: 11/16/1992

AS237 **RICHARD BENOIT DDS** **CUPA Listings** **S103984291**
ENE **1492 H ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.208 mi.
1100 ft. **Site 1 of 13 in cluster AS**

Relative:
Higher

Actual:
90 ft.

CUPA HUMBOLDT:

Name:	RICHARD BENOIT DDS
Address:	1492 H ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002679
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10331155
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0002090
District:	N - North
SIC Code:	8021 - Offices and clinics of dentists
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Richard E Benoit DDS
Day Phone:	7078227234
Latitude:	40.87366
Longitude:	-124.0849

AS238 **RICHARD BENOIT DDS** **CERS HAZ WASTE** **S123103634**
ENE **1492 H ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.208 mi.
1100 ft. **Site 2 of 13 in cluster AS**

Relative:
Higher

Actual:
90 ft.

CERS HAZ WASTE:

Name:	RICHARD BENOIT DDS
Address:	1492 H ST
City,State,Zip:	ARCATA, CA 95521
Site ID:	61494
CERS ID:	10331155
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	61494
Site Name:	Richard Benoit DDS
Violation Date:	11-21-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/21/2019. Waste X-Ray fixer did not have a hazardous waste label. Labeling fixed while inspector on-site.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection

RICHARD BENOIT DDS (Continued) **S123103634**

Eval Date: 10-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Last waste pickup was 12/6/16.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 61494
Facility Name: Richard Benoit DDS
Env Int Type Code: HWG
Program ID: 10331155
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.873570
Longitude: -124.084810

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

RICHARD BENOIT DDS (Continued) **S123103634**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Richard Benoit DDS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Marsha Brown
Entity Title:	Not reported
Affiliation Address:	1725 Heartwood Dr
Affiliation City:	Mc Kinleyville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95519
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Richard E Benoit DDS
Entity Title:	Not reported
Affiliation Address:	1492 H St
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-7234,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1492H Street
Affiliation City:	Arcata
Affiliation State:	Ca
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Dr. Richard E Benoit
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 822-7234,

AT239 **MANILA ELEMENTARY SCHOOL** **CPS-SLIC** **S101315915**
ESE **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.209 mi.
1104 ft. **Site 1 of 2 in cluster AT**

Relative: SLIC REG 1:
Lower Region: 1
Facility ID: 1NHU373
Actual: Staff Initials: Facility Closed
13 ft.

CPS-SLIC:

Name:	MANILA ELEMENTARY SCHOOL
Address:	Not reported
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/11/1991
Global Id:	T0602393563
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.865692
Longitude:	-124.081917
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU373
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

AT240 **UNIVERSAL FOREST PRODUCTS** **CPS-SLIC** **S101315964**
ESE **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.209 mi.
1104 ft. **Site 2 of 2 in cluster AT**

Relative: SLIC REG 1:
Lower Region: 1
Facility ID: 1NHU489
Actual: Staff Initials: Facility Closed
13 ft.

CPS-SLIC:

Name:	UNIVERSAL FOREST PRODUCTS
Address:	Not reported
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/01/1996
Global Id:	T0602393323
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.865692
Longitude:	-124.081917
Case Type:	Cleanup Program Site
Case Worker:	ZZZ

UNIVERSAL FOREST PRODUCTS (Continued) **S101315964**

Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU489
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

AP241 **ARCATA FIRE PROTECTION** **LUST** **S100223965**
ESE **631 9TH** **HIST UST** **N/A**
1/8-1/4 **ARCATA, CA 95521** **Cortese**
0.213 mi. **HIST CORTESE**
1124 ft. **Site 7 of 8 in cluster AP**

Relative: Higher
Actual: 36 ft.

LUST:

Name:	ARCATA FIRE PROTECTION
Address:	631 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300021
Global Id:	T0602300021
Latitude:	40.8682858478973
Longitude:	-124.085035649809
Status:	Completed - Case Closed
Status Date:	02/11/2003
Case Worker:	ZZZ
RB Case Number:	1THU021
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12021
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300021
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300021
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300021
Action Type:	ENFORCEMENT

ARCATA FIRE PROTECTION (Continued) **S100223965**

Date: 02/11/2003
Action: Closure/No Further Action Letter - #12021.RACC

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 10/24/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 09/01/1988
Action: * Historical Enforcement

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300021
Action Type: Other
Date: 03/04/1988
Action: Leak Discovery

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: * No Action

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: Staff Letter

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 10/10/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300021
Action Type: Other
Date: 03/04/1988
Action: Leak Reported

Global Id: T0602300021
Action Type: ENFORCEMENT
Date: 02/01/2003
Action: Closure Summary - #12021.CCS

Global Id: T0602300021
Action Type: Other
Date: 03/04/1988
Action: Leak Stopped

ARCATA FIRE PROTECTION (Continued) **S100223965**

LUST:

Global Id:	T0602300021
Status:	Open - Case Begin Date
Status Date:	03/04/1988
Global Id:	T0602300021
Status:	Open - Site Assessment
Status Date:	03/04/1988
Global Id:	T0602300021
Status:	Open - Site Assessment
Status Date:	10/11/1988
Global Id:	T0602300021
Status:	Open - Site Assessment
Status Date:	11/21/1988
Global Id:	T0602300021
Status:	Open - Site Assessment
Status Date:	01/07/1992
Global Id:	T0602300021
Status:	Completed - Case Closed
Status Date:	02/11/2003

LUST REG 1:

Region:	1
Facility ID:	1THU021
Staff Initials:	HUM

HIST UST:

Name:	MAIN STATION
Address:	631 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025C48
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025C48.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

ARCATA FIRE PROTECTION (Continued) **S100223965**

Click here for Geo Tracker PDF:

CORTESE:

Name:	ARCATA FIRE PROTECTION
Address:	631 NINTH STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300021
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ARCATA FIRE PROTECTION
edr_fadd1:	631 9TH
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU021

AP242 **MAIN STATION** **SWEEPS UST** **U001611478**
ESE **631 9TH ST** **HIST UST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.213 mi.
1124 ft. **Site 8 of 8 in cluster AP**

Relative:
Higher

Actual:
36 ft.

SWEEPS UST:

Name:	MAIN STATION AFPD
Address:	631 9TH ST
City:	ARCATA
Status:	Not reported
Comp Number:	23844
Number:	Not reported
Board Of Equalization:	44-005009
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-023844-000001
Tank Status:	Not reported

MAIN STATION (Continued) **U001611478**

Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: MAIN STATION
Address: 631 9TH ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000023844
Facility Type: Other
Other Type: FIRE STATION
Contact Name: Not reported
Telephone: 7078225984
Owner Name: ARCATA FIRE PROTECTION DISTRIC
Owner Address: 631 NINTH ST.
Owner City,St,Zip: ARCATA, CA 95521
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1963
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

AU243 **JOHNATHAN J. CHOI DDS** **RCRA NonGen / NLR** **1024823917**
ENE **1369 G ST** **CAL000345755**
1/8-1/4 **ARCATA, CA 95521**
0.214 mi.
1130 ft. **Site 1 of 4 in cluster AU**

Relative: **Higher**
Actual: **96 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20090817
Handler Name: JOHNATHAN J. CHOI DDS
Handler Address: 1369 G ST
Handler City,State,Zip: ARCATA, CA 95521-5820
EPA ID: CAL000345755
Contact Name: JOHNATHAN CHOI
Contact Address: 3101 CONCORDE DR #A
Contact City,State,Zip: MCKINLEYVILE, CA 95519
Contact Telephone: 707-822-6100
Contact Fax: 707-822-7964
Contact Email: TIGERSTOOTH@HOTMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

JOHNATHAN J. CHOI DDS (Continued) **1024823917**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3101 CONCORDE DR #A
Mailing City,State,Zip:	MCKINLEYVILE, CA 95519
Owner Name:	JOHNATHAN CHOI
Owner Type:	Other
Operator Name:	JOHNATHAN CHOI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

JOHNATHAN J. CHOI DDS (Continued) **1024823917**

Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHNATHAN CHOI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 CONCORDE DR #A
Owner/Operator City,State,Zip:	MCKINLEYVILE, CA 95519
Owner/Operator Telephone:	707-822-6100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNATHAN CHOI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 CONCORDE DR #A
Owner/Operator City,State,Zip:	MCKINLEYVILE, CA 95519
Owner/Operator Telephone:	707-822-6100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090817
Handler Name: JOHNATHAN J. CHOI DDS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	62121
NAICS Description:	OFFICES OF DENTISTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

JOHNATHAN J. CHOI DDS (Continued) **1024823917**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AS244 **SWEET, WALTER B., INC.** **LUST** **S104233783**
ENE **15TH STREET 760** **N/A**
1/8-1/4 **ARCATA, CA**
0.224 mi.
1182 ft. **Site 3 of 13 in cluster AS**

Relative:
Higher

Actual:
88 ft.

LUST REG 1:
Region: 1
Facility ID: 1THU695
Staff Initials: HUM

AS245 **HPI #21** **CERS HAZ WASTE** **S127020244**
ENE **1401 G ST** **CERS TANKS** **N/A**
1/8-1/4 **ARCATA, CA 95521** **CUPA Listings**
0.224 mi. **CERS**
1183 ft. **Site 4 of 13 in cluster AS**

Relative:
Higher

Actual:
93 ft.

CERS HAZ WASTE:
Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 12707
CERS ID: 10020826
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 12707
CERS ID: 10020826
CERS Description: Underground Storage Tank

CUPA HUMBOLDT:
Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000311
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10020826
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0002933
District: N - North
SIC Code: 5541 - Gasoline service stations
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Bloxham
Day Phone: 7078220751

HPI #21 (Continued) **S127020244**

Latitude: 40.87299
Longitude: -124.0842

Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000311
Facility Address 2: Not reported
Program Identifier: CUPA - UST
Program Element Code Desc: 4101 4101 - UST Facility Operating Permit
Permit Status: 01 - Active
CERS ID: 10020826
Facility Status: 01 - ACTIVE, BILLABLE
Record ID: PR0002934
District: N - North
SIC Code: 5541 - Gasoline service stations
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Bloxham
Day Phone: 7078220751
Latitude: 40.87299
Longitude: -124.0842

Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Local Site Id: FA0000311
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10020826
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0005694
District: N - North
SIC Code: 5541 - Gasoline service stations
Last Touched: 04/21/2021
Update By: DADAMS
Contact Name: Dennis Bloxham
Day Phone: 7078220751
Latitude: 40.87299
Longitude: -124.0842

CERS:
Name: HPI #21
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 12707
CERS ID: 10020826
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 12707
Site Name: HPI #21
Violation Date: 03-01-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

HPI #21 (Continued) **S127020244**

Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 03/01/2016. OBSERVATION: Owner/Operator did not maintain leak detection alarm logs and records of appropriate follow-up actions. Alarms for T1 Regular overfill were not recorded on 3-7-15 and 6-10-15. CORRECTIVE ACTION: Maintain leak detection alarm logs and records of appropriate follow-up actions.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	03-03-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 04/08/2015. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification through CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	03-01-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 03/15/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include all required elements. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	03-01-2016
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and

HPI #21 (Continued) **S127020244**

	maintenance has been completed and documented.
Violation Notes:	Returned to compliance on 03/01/2016. DO monthly reports have the incorrect date for 3 year SB 989 compliance. The date should be 10/16/14. Corrected on site.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	09-26-2017
Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 09/29/2017. OBSERVATION: The secondary containment test results indicate a failure at the Regular fuel piping between dispensers 5/6 and 7/8 as well as failure of UDC 1/2. All secondary containment for the UST system must be tight. CORRECTIVE ACTION: Hire a properly licensed, trained, and certified contractor to repair or replace the failed component(s) and contact the CUPA for reinspection within 60 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-27-2020
Citation:	23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description:	"Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes:	Returned to compliance on 03/03/2020. OBSERVATION: Owner/operator failed to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. CORRECTIVE ACTION: Submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	10-09-2014
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 10/16/2014. The testing boot for the 91 product piping in dispenser 1-2 failed. It will have to be replaced before the 91 product line and the under dispenser containments can be tested. Compliance date 11-8-2014.

HPI #21 (Continued) **S127020244**

Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-28-2017
Citation:	HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description:	UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes:	Returned to compliance on 03/29/2017. OBSERVATION: Owner/Operator did not submit Designated Operator current certification. CORRECTIVE ACTION: Submit Designated Operator current certification to CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-28-2018
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes:	Returned to compliance on 05/01/2018. OBSERVATION: Owner/Operator did not submit UST Designated Operator current certification. CORRECTIVE ACTION: Submit UST Designated Operator current certification to CERS within 30 days .
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-27-2020
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 03/19/2020. OBSERVATION: Owner/Operator did not submit UST Designated Operator current certification. CORRECTIVE ACTION: Submit UST Designated Operator current certification to CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	03-03-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.

HPI #21 (Continued) **S127020244**

Violation Notes:	Returned to compliance on 03/17/2015. OBSERVATION: This facility s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit through CERS to the cupa by April 3, 2015.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	03-01-2016
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 03/17/2016. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification in CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-27-2020
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/28/2020. OBSERVATION: Financial responsibility documents were last submitted in 2013 and need to be updated. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility CFO letter and certification to CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	12707
Site Name:	HPI #21
Violation Date:	02-28-2017
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees

HPI #21 (Continued) **S127020244**

have been properly trained.

Violation Notes: Returned to compliance on 02/28/2017. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: 6/4/2016, 7/13/2016 and 1/1/2017 for T1 regular overfill. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation taken in response to any alarms to the monthly report. CORRECTIVE ACTION: Ensure that designated operators performing monthly inspections at this facility are including all of the required information on the reports.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 12707
Site Name: HPI #21
Violation Date: 09-20-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 09/29/2017. OBSERVATION: Secondary containment has not been properly maintained as evidenced by failed secondary containment testing for the regular and diesel/premium annular. CORRECTIVE ACTION: Repair secondary containment as needed and retest. Notify CUPA of testing and submit results.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: completed three year overfill also.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2020
Violations Found: No
Eval Type: Routine done by local agency

HPI #21 (Continued) **S127020244**

Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-03-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite with Beacom Construction for 989 repairs and retest. I observed a 1 hour lake test on the failed UDC 1/2 and it passed.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-28-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No hazardous waste on-site but disposal in 2015.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite with Beacom Construction for 989 secondary containment testing. Regular annular passed 1 hour vacuum test. Super / Diesel split

HPI #21 (Continued) **S127020244**

annular passed 1 hour vacuum test.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST

HPI #21 (Continued) **S127020244**

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Manager put new label on drum at time of inspection. DA
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-20-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite for three year 989 secondary containment testing with Beacom Construction. Diesel sump passed 15 minute Encon hydrostatic test. Diesel piping passed .5 hour pressure test. Regular sump passed 15 minute Encon hydrostatic test. Premium sump passed 15 minute Encon hydrostatic test.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On-site with Beacom Construction to continue 989 secondary testing. Premium piping passed a .5 hour pressure test. UDC 1/2 failed UDC 7/8 passed a 15 minute Encon hydrostatic test.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-09-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-27-2020
Violations Found:	No
Eval Type:	Routine done by local agency

HPI #21 (Continued) **S127020244**

Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Overfill drop tubes being replaced, contract already signed with Beacom Construction
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-26-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site with Beacom Construction to continue 989 secondary testing. Regular piping passed from the sump through UDC 1/2 to 3/4 to 5/6 and failed between 5/6 and 7/8. UDC 3/4 passed a 15 minute Encon hydrostatic test. UDC 5/6 passed a 15 minute Encon hydrostatic test. Failed secondary components are: UDC 1/2 Regular fuel line between UDC 5/6 & 7/8
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

HPI #21 (Continued) **S127020244**

Eval Date: 09-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site with Beacom construction for UST 989 repairs and testing. I observed a 1 hour lake test of UDC 1/2 and it passed. All components have now passed the three year 989 testing.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 12707
Site Name: HPI #21
Site Address: 1401 G ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 10-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 12707
Site Name: HPI #21
Site Address: 1401 G ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 03-03-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 12707
Site Name: HPI #21
Site Address: 1401 G ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 03-03-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 12707
Facility Name: HPI #21
Env Int Type Code: HWG
Program ID: 10020826
Coord Name: Not reported

HPI #21 (Continued) **S127020244**

Ref Point Type Desc: Unknown,
Latitude: 40.873047
Longitude: -124.084473

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Humboldt Petroleum Inc.
Entity Title: Not reported
Affiliation Address: 1324 5th ST
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95501
Affiliation Phone: (707) 443-3069,

Affiliation Type Desc: Parent Corporation
Entity Name: HPI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: Humboldt Petroleum
Entity Title: Not reported
Affiliation Address: 1324 5th ST
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95501
Affiliation Phone: (707) 443-3069,

Affiliation Type Desc: UST Tank Owner
Entity Name: Humboldt Petroleum Inc.
Entity Title: Not reported
Affiliation Address: 1324 5th ST
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95501
Affiliation Phone: (707) 443-3069,

Affiliation Type Desc: Environmental Contact
Entity Name: Dennis Christie
Entity Title: Not reported
Affiliation Address: 1324 5th ST
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Humboldt Petroleum Inc.

HPI #21 (Continued) **S127020244**

Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Dennis Christie
Entity Title:	Facilities Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Humboldt Petroleum Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 443-3069,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Humboldt Petroleum Inc.
Entity Title:	Not reported
Affiliation Address:	1324 5th ST
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95501
Affiliation Phone:	(707) 443-3069,

AS246 **HPI #21** **UST** **U004344128**
ENE **1401 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 5 of 13 in cluster AS**

Relative: UST:
Higher

Actual: Name: HPI #21
93 ft. Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
Facility ID: 12-000-000593
Permitting Agency: Humboldt County Division of Environmental Health
CERSID: 10020826
Latitude: 40.873016
Longitude: -124.084435

AS247 **BLOXHAM'S SHELL** **SWEEPS UST** **S101627540**
ENE **1401 G ST** **CA FID UST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 6 of 13 in cluster AS**

Relative: SWEEPS UST:
Higher

Actual: Name: BLOXHAM'S SHELL
93 ft. Address: 1401 G ST
City: ARCATA
Status: Not reported
Comp Number: 18033
Number: Not reported
Board Of Equalization: 44-004958
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 12-000-018033-000004
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

Name: BLOXHAM'S SHELL
Address: 1401 G ST
City: ARCATA
Status: Active
Comp Number: 18033
Number: 1
Board Of Equalization: 44-004958
Referral Date: 06-10-92
Action Date: 06-10-92
Created Date: 07-31-88
Owner Tank Id: 1
SWRCB Tank Id: 12-000-018033-000001
Tank Status: A
Capacity: 8000
Active Date: 06-10-92
Tank Use: M.V. FUEL
STG: P

BLOXHAM'S SHELL (Continued) **S101627540**

Content: DIESEL
Number Of Tanks: 3

Name: BLOXHAM'S SHELL
Address: 1401 G ST
City: ARCATA
Status: Active
Comp Number: 18033
Number: 1
Board Of Equalization: 44-004958
Referral Date: 06-10-92
Action Date: 06-10-92
Created Date: 07-31-88
Owner Tank Id: 2
SWRCB Tank Id: 12-000-018033-000002
Tank Status: A
Capacity: 7500
Active Date: 06-10-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BLOXHAM'S SHELL
Address: 1401 G ST
City: ARCATA
Status: Active
Comp Number: 18033
Number: 1
Board Of Equalization: 44-004958
Referral Date: 06-10-92
Action Date: 06-10-92
Created Date: 07-31-88
Owner Tank Id: 3
SWRCB Tank Id: 12-000-018033-000003
Tank Status: A
Capacity: 7500
Active Date: 06-10-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 12000508
Regulated By: UTNKA
Regulated ID: 00018033
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7078228471
Mail To: Not reported
Mailing Address: 1401 G ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ARCATA 95521
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

BLOXHAM'S SHELL (Continued) **S101627540**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

AS248 **BLOXHAMS EXXON SERV STATION** **HIST UST** **S118408025**
ENE **1401 G STREET** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 7 of 13 in cluster AS**

Relative: **Higher**
Actual: **93 ft.**

HIST UST:

Name:	BLOXHAMS EXXON SERV STATION
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025F2F
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025F2F.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AS249 **SHELL, BLOXHAM'S** **LUST** **S102437447**
ENE **1401 G** **EMI** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HIST CORTESE**
0.224 mi.
1183 ft. **Site 8 of 13 in cluster AS**

Relative: **Higher**
Actual: **93 ft.**

LUST:

Name:	SHELL, BLOXHAMS
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300156
Global Id:	T0602300156
Latitude:	40.8729288419266
Longitude:	-124.084396362305
Status:	Open - Site Assessment

SHELL, BLOXHAM'S (Continued) **S102437447**

Status Date: 02/12/2018
Case Worker: TNM
RB Case Number: 1THU211
Local Agency: Not reported
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Benzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Toluene, Waste Oil / Motor / Hydraulic / Lubricating, Xylene
Site History: The site s been a gas station since 1928.The original three underground storage tanks (USTs) were closed and left buried in place in 1963; one was later removed in 2001, but the other two were left alone due to nearby subsurface utilities.A waste oil UST was removed in 1989, and in 1996 two gasoline and one diesel USTs were removed, along with 480 cubic yards of impacted soil. A passive skimmer removed floating free product from onsite wells between 2001 and 2001. A dual phase extraction system operated from 2008 to 2010 and removed almost 2,000 pounds of gasoline from soil beneath the site.

LUST:
Global Id: T0602300156
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 03/17/2010
Action: File review

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 10/30/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 10/02/2017
Action: Verbal Communication

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 06/18/2018
Action: Email Correspondence

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 06/09/2003
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT

SHELL, BLOXHAM'S (Continued) **S102437447**

Date: 04/19/2004
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 01/07/2004
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 01/13/2004
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 05/20/2008
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 09/29/2008
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 05/01/2009
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 06/07/2010
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 02/28/2013
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 10/23/2018
Action: Staff Letter

Global Id: T0602300156
Action Type: Other
Date: 01/02/1990
Action: Leak Discovery

Global Id: T0602300156
Action Type: RESPONSE
Date: 08/28/2015
Action: Request for Closure - Regulator Responded

Global Id: T0602300156
Action Type: RESPONSE
Date: 01/08/2018
Action: Request for Closure - Regulator Responded

SHELL, BLOXHAM'S (Continued) **S102437447**

Global Id: T0602300156
Action Type: RESPONSE
Date: 03/08/2017
Action: Well Installation Workplan - Regulator Responded

Global Id: T0602300156
Action Type: REMEDIATION
Date: 06/25/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0602300156
Action Type: REMEDIATION
Date: 06/13/2007
Action: Soil Vapor Extraction (SVE)

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 06/03/2009
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: File review

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 05/14/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0602300156
Action Type: Other
Date: 01/02/1990
Action: Leak Reported

Global Id: T0602300156
Action Type: RESPONSE
Date: 03/04/2019
Action: Soil and Water Investigation Workplan

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 09/15/2011
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 04/24/2017
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 05/04/2016
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT

SHELL, BLOXHAM'S (Continued) **S102437447**

Date: 02/09/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 09/13/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 12/21/2015
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 01/25/2017
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 12/26/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602300156
Action Type: Other
Date: 01/02/1990
Action: Leak Stopped

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 07/10/2009
Action: Staff Letter

Global Id: T0602300156
Action Type: ENFORCEMENT
Date: 10/08/2009
Action: Staff Letter

LUST:
Global Id: T0602300156
Status: Open - Case Begin Date
Status Date: 01/02/1990

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 01/10/1990

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 06/09/2003

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 01/07/2004

Global Id: T0602300156
Status: Open - Site Assessment

SHELL, BLOXHAM'S (Continued) **S102437447**

Status Date: 01/13/2004

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 04/19/2004

Global Id: T0602300156
Status: Open - Remediation
Status Date: 01/25/2006

Global Id: T0602300156
Status: Open - Remediation
Status Date: 11/02/2006

Global Id: T0602300156
Status: Open - Verification Monitoring
Status Date: 02/23/2012

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 08/07/2015

Global Id: T0602300156
Status: Open - Site Assessment
Status Date: 02/12/2018

LUST REG 1:
Region: 1
Facility ID: 1THU211
Staff Initials: HUM

EMI:

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA
Year:	2006
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6069564434052912341
Reactive Organic Gases Tons/Yr:	.6039252
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA

SHELL, BLOXHAM'S (Continued) **S102437447**

Year:	2007
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5953536972226500445
Reactive Organic Gases Tons/Yr:	.5923804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2008
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5445647487299137400
Reactive Organic Gases Tons/Yr:	.5418451
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2009
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.55733824163916701
Reactive Organic Gases Tons/Yr:	0.55455480000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

SHELL, BLOXHAM'S (Continued) **S102437447**

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2010
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.55733824163916701
Reactive Organic Gases Tons/Yr:	0.55455480000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2011
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.60908598347
Reactive Organic Gases Tons/Yr:	0.606092
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BLOXHAM'S TIGER MART (SHELL)
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Year:	2014
County Code:	12
Air Basin:	NC
Facility ID:	751
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	1.301500782
Reactive Organic Gases Tons/Yr:	1.301500782
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

SHELL, BLOXHAM'S (Continued) **S102437447**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: BLOXHAM'S TIGER MART (SHELL)
Address: 1401 G STREET
City,State,Zip: ARCATA, CA 95521
Year: 2015
County Code: 12
Air Basin: NC
Facility ID: 751
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: 1.301500782
Reactive Organic Gases Tons/Yr: 1.301500782
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: BLOXHAM'S TIGER MART (SHELL)
Address: 1401 G STREET
City,State,Zip: ARCATA, CA 95521
Year: 2016
County Code: 12
Air Basin: NC
Facility ID: 751
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: 1.301500782
Reactive Organic Gases Tons/Yr: 1.301500782
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: BLOXHAM'S TIGER MART (SHELL)
Address: 1401 G STREET
City,State,Zip: ARCATA, CA 95521
Year: 2017
County Code: 12
Air Basin: NC
Facility ID: 751
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: 1.382073813
Reactive Organic Gases Tons/Yr: 1.382073813

SHELL, BLOXHAM'S (Continued) **S102437447**

Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: BLOXHAM'S TIGER MART (SHELL)
Address: 1401 G STREET
City,State,Zip: ARCATA, CA 95521
Year: 2018
County Code: 12
Air Basin: NC
Facility ID: 751
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: 1.382073813
Reactive Organic Gases Tons/Yr: 1.382073813
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: BLOXHAM'S TIGER MART (SHELL)
Address: 1401 G STREET
City,State,Zip: ARCATA, CA 95521
Year: 2019
County Code: 12
Air Basin: NC
Facility ID: 751
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: A
Total Organic Hydrocarbon Gases Tons/Yr: 1.382073813
Reactive Organic Gases Tons/Yr: 1.382073813
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

HIST CORTESE:
edr_fname: SHELL, BLOXHAM'S
edr_fadd1: 1401 G
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU211

AS250 **BLOXHAM'S SHELL** **RCRA NonGen / NLR** **1024793394**
ENE **1401 G ST** **CAL000138095**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 9 of 13 in cluster AS**

Relative:
Higher

Actual:
93 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		19950502
Handler Name:	BLOXHAM'S SHELL	
Handler Address:		1401 G ST
Handler City,State,Zip:		ARCATA, CA 95521-0000
EPA ID:		CAL000138095
Contact Name:		DENNIS BLOXHAM-OWNER
Contact Address:		1465 STALLION CT
Contact City,State,Zip:		MCKINLEYVLLE, CA 95519
Contact Telephone:		707-633-5518
Contact Fax:		707-826-0824
Contact Email:		BLOXHAMEXXON@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1401 G ST
Mailing City,State,Zip:		ARCATA, CA 95521-0000
Owner Name:		DENNIS BLOXHAM
Owner Type:		Other
Operator Name:		DENNIS BLOXHAM-OWNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BLOXHAM'S SHELL (Continued) **1024793394**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENNIS BLOXHAM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1465 STALLION CT
Owner/Operator City,State,Zip:	MCKINLEYVILLE, CA 95519
Owner/Operator Telephone:	707-633-5518
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DENNIS BLOXHAM-OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1465 STALLION CT
Owner/Operator City,State,Zip:	MCKINLEYVLLE, CA 95519
Owner/Operator Telephone:	707-633-5518
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BLOXHAM'S SHELL (Continued) **1024793394**

Historic Generators:
Receive Date: 19950502
Handler Name: BLOXHAM'S SHELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AS251 **BLOXHAM'S EXXON SERV. STATION** **HIST UST** **U001611411**
ENE **1401 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 10 of 13 in cluster AS**

Relative: **Higher**
Actual: **93 ft.**

HIST UST:
Name: BLOXHAM'S EXXON SERV. STATION
Address: 1401 G ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000018033
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7078228471
Owner Name: JAMES R. BLOXHAM
Owner Address: 1401 G. STREET
Owner City,St,Zip: ARCATA, CA 95521
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: 1963
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

BLOXHAM'S EXXON SERV. STATION (Continued) **U001611411**

Tank Num:	002
Container Num:	2
Year Installed:	1963
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	1963
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	1963
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	1
Year Installed:	1963
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

AS252 **SHELL, BLOXHAMS** **Cortese** **S123098309**
ENE **1401 G STREET** **CERS** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 11 of 13 in cluster AS**

Relative: **Higher**

Actual: **93 ft.**

CORTESE:

Name:	SHELL, BLOXHAMS
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300156
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - SITE ASSESSMENT
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported

SHELL, BLOXHAMS (Continued) **S123098309**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SHELL, BLOXHAMS
Address:	1401 G STREET
City,State,Zip:	ARCATA, CA 95521
Site ID:	195519
CERS ID:	T0602300156
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030,

AS253 **BLOXHAM'S SHELL** **UST** **U004344127**
ENE **1401 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1183 ft. **Site 12 of 13 in cluster AS**

Relative:
Higher

Actual:
93 ft.

UST:

Name:	BLOXHAM'S SHELL
Address:	1401 G ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000593
Permitting Agency:	HUMBOLDT COUNTY
CERSID:	Not reported
Latitude:	40.874394
Longitude:	-124.083121

AV254 **GREENWOOD CEMETERY** **SWEEPS UST** **S101627553**
NNE **1757 J ST** **CA FID UST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1185 ft. **Site 1 of 4 in cluster AV**

Relative:
Higher

Actual:
71 ft.

SWEEPS UST:

Name:	GREENWOOD CEMETERY
Address:	1757 J ST
City:	ARCATA

GREENWOOD CEMETERY (Continued) **S101627553**

Status:	Not reported
Comp Number:	9976
Number:	Not reported
Board Of Equalization:	44-004852
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	12-000-009976-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	12000457
Regulated By:	UTNKI
Regulated ID:	CAC000194
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1757 J ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ARCATA 95521
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

AV255 **GREENWOOD CEMETERY ASSN INC** **HIST UST** **S118410782**
NNE **1757 J STREET** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1185 ft. **Site 2 of 4 in cluster AV**

Relative:
Higher

Actual:
71 ft.

HIST UST:

Name:	GREENWOOD CEMETERY ASSN INC
Address:	1757 J STREET
City,State,Zip:	ARCATA, CA 95521
File Number:	00025E7D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025E7D.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported

GREENWOOD CEMETERY ASSN INC (Continued) **S118410782**

Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AV256 **GREENWOOD CEMETERY ASSN., INC.** **HIST UST** **U001611448**
NNE **1757 J ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.224 mi.
1185 ft. **Site 3 of 4 in cluster AV**

Relative: HIST UST:
Higher

Name:	GREENWOOD CEMETERY ASSN., INC.
Address:	1757 J ST
City,State,Zip:	ARCATA, CA 95521
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000009976
Facility Type:	Other
Other Type:	CEMETERY
Contact Name:	GEORGE D TAYLOR
Telephone:	7078221664
Owner Name:	GREENWOOD CEMETERY ASSN., INC.
Owner Address:	1757 J. STREET
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Actual:
71 ft.

AV257 **GREENWOOD CEMETERY ASSOCIATION** **LUST** **S104163361**
NNE **1757 J STREET** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HIST CORTESE**
0.224 mi.
1185 ft. **Site 4 of 4 in cluster AV**

Relative: LUST:
Higher

Name:	GREENWOOD CEMETERY ASSOCIATION
Address:	1757 J STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)

Actual:
71 ft.

GREENWOOD CEMETERY ASSOCIATION (Continued) **S104163361**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300142
Global Id:	T0602300142
Latitude:	40.8766419
Longitude:	-124.08773
Status:	Completed - Case Closed
Status Date:	04/12/1993
Case Worker:	ZZZ
RB Case Number:	1THU195
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300142
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300142
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075762220

LUST:

Global Id:	T0602300142
Action Type:	Other
Date:	11/22/1989
Action:	Leak Discovery

Global Id:	T0602300142
Action Type:	ENFORCEMENT
Date:	11/30/1989
Action:	* Historical Enforcement

Global Id:	T0602300142
Action Type:	Other
Date:	11/22/1989
Action:	Leak Reported

Global Id:	T0602300142
Action Type:	Other
Date:	11/22/1989
Action:	Leak Stopped

GREENWOOD CEMETERY ASSOCIATION (Continued) **S104163361**

LUST:

Global Id:	T0602300142
Status:	Open - Case Begin Date
Status Date:	11/22/1989
Global Id:	T0602300142
Status:	Open - Site Assessment
Status Date:	11/30/1989
Global Id:	T0602300142
Status:	Open - Remediation
Status Date:	04/11/1993
Global Id:	T0602300142
Status:	Open - Site Assessment
Status Date:	04/11/1993
Global Id:	T0602300142
Status:	Open - Verification Monitoring
Status Date:	04/11/1993
Global Id:	T0602300142
Status:	Completed - Case Closed
Status Date:	04/12/1993

LUST REG 1:

Region:	1
Facility ID:	1THU195
Staff Initials:	Closed

CORTESE:

Name:	GREENWOOD CEMETERY ASSOCIATION
Address:	1757 J STREET
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300142
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

GREENWOOD CEMETERY ASSOCIATION (Continued) **S104163361**

HIST CORTESE:
edr_fname: GREENWOOD CEMETERY ASSOCI
edr_fadd1: 1757 J
City,State,Zip: ARCATA, CA
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU195

AS258 **SWEET, WALTER B., INC.** **LUST** **S104567950**
NE **760 15TH** **Cortese** **N/A**
1/8-1/4 **ARCATA, CA 95521** **HIST CORTESE**
0.227 mi.
1201 ft. **Site 13 of 13 in cluster AS**

Relative:
Higher

Actual:
87 ft.

LUST:
Name: SWEET, WALTER B., INC.
Address: 760 15TH STREET
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300493
Global Id: T0602300493
Latitude: 40.8737877808173
Longitude: -124.084582023577
Status: Completed - Case Closed
Status Date: 09/19/2000
Case Worker: ZZZ
RB Case Number: 1THU695
Local Agency: HUMBOLDT COUNTY LOP
File Location: Local Agency
Local Case Number: 12695
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300493
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300493
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300493

SWEET, WALTER B., INC. (Continued) **S104567950**

Action Type: ENFORCEMENT
Date: 09/19/2000
Action: Closure/No Further Action Letter

Global Id: T0602300493
Action Type: Other
Date: 12/21/1998
Action: Leak Discovery

Global Id: T0602300493
Action Type: REMEDIATION
Date: 09/19/2000
Action: Excavation

Global Id: T0602300493
Action Type: ENFORCEMENT
Date: 11/01/1999
Action: * Historical Enforcement

Global Id: T0602300493
Action Type: Other
Date: 12/21/1998
Action: Leak Reported

Global Id: T0602300493
Action Type: ENFORCEMENT
Date: 09/19/2000
Action: Closure/No Further Action Letter - #12695.RACC

Global Id: T0602300493
Action Type: Other
Date: 12/21/1998
Action: Leak Stopped

LUST:
Global Id: T0602300493
Status: Open - Case Begin Date
Status Date: 12/21/1998

Global Id: T0602300493
Status: Open - Site Assessment
Status Date: 11/01/1999

Global Id: T0602300493
Status: Completed - Case Closed
Status Date: 09/19/2000

CORTESE:
Name: SWEET, WALTER B., INC.
Address: 760 15TH STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300493
Site/Facility Type: LUST CLEANUP SITE

SWEET, WALTER B., INC. (Continued) **S104567950**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SWEET, WALTER B., INC.
edr_fadd1:	760 15TH
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU695

AU259 **PACIFIC BELL** **UST** **1000251821**
ENE **1300 G STREET** **SWEEPS UST** **CAT080028707**
1/8-1/4 **ARCATA, CA 95521** **HIST UST**
0.232 mi. **RCRA NonGen / NLR**
1225 ft. **Site 2 of 4 in cluster AU** **FINDS**
ECHO
Relative: **CUPA Listings**
Higher

Actual: **95 ft.**

UST:

Name:	AT & T - TE001 ARCATA
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000055
Permitting Agency:	HUMBOLDT COUNTY
CERSID:	Not reported
Latitude:	40.873532
Longitude:	-124.0828851

SWEEPS UST:

Name:	PACIFIC BELL (TE-001)
Address:	1300 G ST
City:	ARCATA
Status:	Active
Comp Number:	14720
Number:	1
Board Of Equalization:	44-001027
Referral Date:	09-23-92
Action Date:	09-23-92
Created Date:	07-31-88
Owner Tank Id:	311

PACIFIC BELL (Continued) **1000251821**

SWRCB Tank Id: 12-000-014720-000001
Tank Status: A
Capacity: 1000
Active Date: 05-03-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

HIST UST:
Name: PACIFIC BELL (TE001)
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000014720
Facility Type: Other
Other Type: PHONE CO.
Contact Name: E.J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: D-76-1K
Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

RCRA NonGen / NLR:
Date Form Received by Agency: 19980706
Handler Name: PACIFIC BELL
Handler Address: 1300 G STREET
Handler City,State,Zip: ARCATA, CA 95521
EPA ID: CAT080028707
Contact Name: DAVALYNN BOTELL
Contact Address: P O BOX 5095 ROOM 1N200
Contact City,State,Zip: SAN RAMON, CA 94583-0995
Contact Telephone: 925-867-5741
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported

PACIFIC BELL (Continued) **1000251821**

State District:	Not reported
Mailing Address:	3707 KINGS WAY SEC A-6
Mailing City,State,Zip:	SACRAMENTO, CA 95821
Owner Name:	THE PACIFIC TELEPHONE AND TELEGRAPH CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

PACIFIC BELL (Continued) **1000251821**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19980706
Handler Name: PACIFIC BELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055796624

Click Here:

Environmental Interest/Information System:
STATE MASTER
Registry ID: 110002954731

Click Here:

PACIFIC BELL (Continued) **1000251821**

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000251821
Registry ID:	110002954731
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002954731
Name:	PACIFIC BELL
Address:	1300 G STREET
City,State,Zip:	ARCATA, CA 95521

CUPA HUMBOLDT:

Name:	AT&T CALIFORNIA - TE001
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002338
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10331068
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0003155
District:	N - North
SIC Code:	4813 - Telephone communications, exc. radio
Last Touched:	07/08/2021
Update By:	DADAMS
Contact Name:	Mathew Laws
Day Phone:	7075752115
Latitude:	40.87221
Longitude:	-124.0844

Name:	AT&T CALIFORNIA - TE001
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002338
Facility Address 2:	Not reported
Program Identifier:	CUPA - UST
Program Element Code Desc:	4101 4101 - UST Facility Operating Permit
Permit Status:	01 - Active
CERS ID:	10331068
Facility Status:	01 - ACTIVE, BILLABLE
Record ID:	PR0003156
District:	N - North
SIC Code:	4813 - Telephone communications, exc. radio

PACIFIC BELL (Continued) **1000251821**

Last Touched:	07/08/2021
Update By:	DADAMS
Contact Name:	Mathew Laws
Day Phone:	7075752115
Latitude:	40.87221
Longitude:	-124.0844
Name:	AT&T CALIFORNIA - TE001
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002338
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10331068
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0005727
District:	N - North
SIC Code:	4813 - Telephone communications, exc. radio
Last Touched:	07/08/2021
Update By:	DADAMS
Contact Name:	Mathew Laws
Day Phone:	7075752115
Latitude:	40.87221
Longitude:	-124.0844
Name:	AT&T CALIFORNIA - TE001
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Local Site Id:	FA0002338
Facility Address 2:	Not reported
Program Identifier:	Not reported
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	(none)
CERS ID:	10331068
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0010917
District:	N - North
SIC Code:	4813 - Telephone communications, exc. radio
Last Touched:	07/08/2021
Update By:	DADAMS
Contact Name:	Not reported
Day Phone:	Not reported
Latitude:	40.87221
Longitude:	-124.0844

AU260 **AT&T CALIFORNIA - TE001** **UST** **U004261662**
ENE **1300 G ST** **N/A**
1/8-1/4 **ARCATA, CA 95521**
0.232 mi.
1225 ft. **Site 3 of 4 in cluster AU**

Relative: UST:
Higher

Name:	AT&T CALIFORNIA - TE001
Address:	1300 G ST
City,State,Zip:	ARCATA, CA 95521
Facility ID:	12-000-000055

Actual:
95 ft.

AT&T CALIFORNIA - TE001 (Continued) **U004261662**

Permitting Agency: Humboldt County Division of Environmenta
CERSID: Not reported
Latitude: 40.87216
Longitude: -124.08445

Name: AT&T CALIFORNIA - TE001
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
Facility ID: 12-000-000055
Permitting Agency: Humboldt County Division of Environmental Health
CERSID: Not reported
Latitude: 40.87216
Longitude: -124.08445

Name: AT&T CALIFORNIA - TE001
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
Facility ID: 12-000-000055
Permitting Agency: Humboldt County Division of Environmental Health
CERSID: 10331068
Latitude: 40.87216
Longitude: -124.08445

AU261 **AT&T CALIFORNIA - TE001** **CERS HAZ WASTE** **S123102088**
ENE **1300 G ST** **CERS TANKS** **N/A**
1/8-1/4 **ARCATA, CA 95521** **CERS**
0.232 mi.
1225 ft. **Site 4 of 4 in cluster AU**

Relative:
Higher

Actual:
95 ft.

CERS HAZ WASTE:
Name: AT&T CALIFORNIA - TE001
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 442787
CERS ID: 10331068
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: AT&T CALIFORNIA - TE001
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 442787
CERS ID: 10331068
CERS Description: Underground Storage Tank

CERS:
Name: AT&T CALIFORNIA - TE001
Address: 1300 G ST
City,State,Zip: ARCATA, CA 95521
Site ID: 442787
CERS ID: 10331068
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 442787
Site Name: AT&T California - TE001
Violation Date: 04-10-2017

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 07/12/2017. Secondary containment failed in the transition sump due to the supply / return line boot being cracked. Replace or repair and retest by due date.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	442787
Site Name:	AT&T California - TE001
Violation Date:	04-24-2014
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tanks.
Violation Notes:	Returned to compliance on 06/09/2014.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	442787
Site Name:	AT&T California - TE001
Violation Date:	04-10-2017
Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 07/12/2017. Vent line boot was not sealable and therefore failed test. Fix and retest.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	442787
Site Name:	AT&T California - TE001
Violation Date:	03-26-2020
Citation:	HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 05/08/2020.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-10-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-02-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Current CERS submittal is accurate.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-25-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-08-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Three year secondary test occurred on 3/26/2020, revealing leaking test boot in piping sump. On site 5/8/2020 with Tait Environmental to observe repair, sump passed hydrostatic test. Complete secondary test report submitted via CERS 5/29/2020.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-13-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On-site with AT&T, California Hazardous Services for fill bucket replacement and test. Fill bucket passed 1 hour lake test.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-13-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-19-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility transfers small quantities of waste oil, waste oily solids and debris, batteries to the Humboldt Hill location as generated.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Haz Mat inventory complete and accurate.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-26-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection of one Sump Sensor that was replaced due to alarming on 7/7/14. Tait environmental replaced it and tested it but ATT and DEH were not present at that time. Detailed notes from Tait stated that the sump was dry before and after replacement. All systems normal. This inspection was to occur at 1300 but the contractor did not arrive until around 1400.
Eval Division: Humboldt County Division of Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2018

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-02-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	D.O monthlies and training complete. All sensors tested and passed.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On-site with Tait Environmental and AT&T for testing of a new transition sump. Sump passed a 15 minute hydrostatic test.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-10-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site for three year secondary testing. Supply and return piping held @ 5.2 PSI for one hour. Piping sump passed the Incon .002 inch / 15 minute test.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	04-13-2021

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site for overfill alarm repair. Retested it and passed Audible / Visual.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-24-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	I was here today to observe a pressure test on the vent and lake test on the transition sump. 5 LBs of pressure on the vent. Passed. 15 minute lake test with Incon. Passed.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-17-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for the routine UST inspection with TAIT. Everything passed. Overfill tested as well.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-21-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Eval Date: 04-24-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 442787
Site Name: AT&T California - TE001
Site Address: 1300 G ST
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 04-24-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 442787
Facility Name: AT&T California - TE001
Env Int Type Code: HMBP
Program ID: 10331068
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 40.872160
Longitude: -124.084450

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Peter Burnell, Sigma Consultants, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: AT&T California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (800) 566-9347,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Sarah Bullock
Entity Title: Authorized Agent to AT&T

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Legal Owner
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

AT&T CALIFORNIA - TE001 (Continued) **S123102088**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(800) 566-9347,

262
NE
1/8-1/4
0.232 mi.
1226 ft.

EUREKA READY MIX - GLENDALE DR
1750 GLENDALE DR
ARCATA, CA 95521

CERS HAZ WASTE
CERS TANKS
CERS

S123100614
N/A

Relative:
Higher

Actual:
78 ft.

CERS HAZ WASTE:

Name:	EUREKA READY MIX - GLENDALE DR
Address:	1750 GLENDALE DR
City,State,Zip:	ARCATA, CA 95521
Site ID:	392283
CERS ID:	10020514
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	EUREKA READY MIX - GLENDALE DR

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Address:	1750 GLENDALE DR
City,State,Zip:	ARCATA, CA 95521
Site ID:	392283
CERS ID:	10020514
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	EUREKA READY MIX - GLENDALE DR
Address:	1750 GLENDALE DR
City,State,Zip:	ARCATA, CA 95521
Site ID:	392283
CERS ID:	10020514
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	06-05-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/13/2015. OBSERVATION: Annual training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	06-05-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 06/05/2015. OBSERVATION: One quarterly inspection was missed between October 2014 and April 2015 CORRECTIVE ACTION: Conduct tests/inspections in accordance with written procedures and maintain records for 3 years.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Violation Date:	08-05-2021
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Training - General
Violation Notes:	Returned to compliance on 08/18/2021. Conduct a refresher training within 30 days. Have employees date and sign their names. Send DEH a copy of the sign off sheet.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	08-26-2019
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 11/21/2019. OBSERVATION: Owner/Operator is a small quantity generator and failed to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles). Two 55 gallon drums of waste absorbent in the truck shop and one 55 gallon drum of waste absorbent in the oil room are over the accumulation time period. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	08-30-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 09/25/2017. Observed two waste antifreeze containers to be missing the bung hole tops. All containers must remain closed except when adding or removing the waste. Obtain secure lids for these containers within 30 days and submit a "self Certification of return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	08-30-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 09/25/2017. Observed two 55 gallon drums of waste antifreeze with accumulation start date 10/20/15. This is past the 270 day accumulation time limit for onsite haz waste storage without a permit. Have this waste picked up using a licensed waste hauler within 30 days and submit a copy of the receipt with a "Self Certification of Return to Compliance" form to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	06-05-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 07/01/2015. OBSERVATION: 55 gallon drum of waste absorbent has exceeded the 270 day timeframe. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by July 6,2015.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	392283
Site Name:	Eureka Ready Mix - Glendale Dr
Violation Date:	08-26-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 08/26/2019. OBSERVATION: Documented tank inspections are occurring but not on a quarterly basis. CORRECTIVE ACTION: Test or inspect each aboveground container for integrity based on industry standards on a regular schedule, after making material

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

repairs, using non-destructive testing, inspecting each container s supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas. Maintain testing and inspection records.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Violation Date: 07-15-2014
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 08/07/2014. OBSERVATION: The business failed to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating appropriate personnel have received initial and annual training by August 14, 2014
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Violation Date: 08-30-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/25/2017. Oberved one 55 gallon drum containing waste oily solids to be missing a haz waste label. All containers of haz waste must be labeled with generator name and info, the words haz waste, hazardous and physical properties and accumulation start date. Obtain a haz waste label for this drum within 30 days and submit a "Self Certification of Return to Compliance" form to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Violation Date: 06-05-2015
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/17/2015. OBSERVATION: Waste absorbent drum did not have a lid. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Send DEH the "self certification return to compliance" within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Violation Date: 06-05-2015
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/17/2015. OBSERVATION: A one gallon container of waste oil was located in the diesel shed without a lid. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Send DEH the "self certification return to compliance" within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-15-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-15-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-05-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Next 5 year review for SPCC due by 6/30/20
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Training conducted 6/30/15
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Site Address: 1750 GLENDALE DR
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 06-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Site Address: 1750 GLENDALE DR
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 07-15-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Site Address: 1750 GLENDALE DR
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 06-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 392283
Site Name: Eureka Ready Mix - Glendale Dr
Site Address: 1750 GLENDALE DR
Site City: ARCATA
Site Zip: 95521
Enf Action Date: 06-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Humboldt County Division of Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215,

Affiliation Type Desc: Legal Owner
Entity Name: Robert McLaughlin
Entity Title: Not reported

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Affiliation Address:	4945 Boyd Road
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-1796,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Eureka Ready Mix - Glendale Dr
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Paul Kraus
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Paul Kraus
Entity Title:	Regulatory Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Rob McLaughlin
Entity Title:	Not reported
Affiliation Address:	4945 Boyd Road
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4945 Boyd Road
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	,

EUREKA READY MIX - GLENDALE DR (Continued) **S123100614**

Affiliation Type Desc:	Operator
Entity Name:	Michael McLaughlin
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 599-4568,

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263 **MAD RIVER HARDWOOD COMPANY** **CPS-SLIC** **S105180553**
ESE **N/A**
1/8-1/4 **ARCATA, CA 0**
0.233 mi.
1232 ft.

Relative: **Higher**
Actual: **24 ft.**

SLIC REG 1:

Region:	1
Facility ID:	1NHU872
Staff Initials:	AAA

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264 **CLIFFORD PROPERTY** **LUST** **S103890438**
SSE **40 G** **Cortese** **N/A**
1/4-1/2 **ARCATA, CA 95521** **HIST CORTESE**
0.295 mi.
1558 ft.

Relative: **Lower**
Actual: **10 ft.**

LUST:

Name:	CLIFFORD PROPERTY
Address:	40 G STREET, SOUTH
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300441
Global Id:	T0602300441
Latitude:	40.8604766711667
Longitude:	-124.08801426111
Status:	Completed - Case Closed
Status Date:	11/04/2002
Case Worker:	ZZZ
RB Case Number:	1THU696
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12696
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300441
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us

CLIFFORD PROPERTY (Continued) **S103890438**

Phone Number: Not reported

Global Id: T0602300441
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 07/25/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300441
Action Type: Other
Date: 01/27/1999
Action: Leak Discovery

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 11/04/2002
Action: Closure/No Further Action Letter

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 07/25/2002
Action: Staff Letter

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 07/18/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 07/18/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 07/25/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300441
Action Type: Other
Date: 01/27/1999
Action: Leak Reported

Global Id: T0602300441
Action Type: ENFORCEMENT
Date: 11/04/2002
Action: Closure/No Further Action Letter - #12696.RACC

CLIFFORD PROPERTY (Continued) **S103890438**

Global Id: T0602300441
Action Type: RESPONSE
Date: 09/17/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300441
Action Type: Other
Date: 01/27/1999
Action: Leak Stopped

LUST:
Global Id: T0602300441
Status: Open - Case Begin Date
Status Date: 01/27/1999

Global Id: T0602300441
Status: Open - Site Assessment
Status Date: 05/07/1999

Global Id: T0602300441
Status: Completed - Case Closed
Status Date: 11/04/2002

LUST REG 1:
Region: 1
Facility ID: 1THU636
Staff Initials: HUM

CORTESE:
Name: CLIFFORD PROPERTY
Address: 40 G STREET, SOUTH
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300441
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CLIFFORD PROPERTY (Continued) **S103890438**

HIST CORTESE:
- edr_fname: CLIFFORD PROPERTY
- edr_fadd1: 40 G
- City,State,Zip: ARCATA, CA 95521
- Region: CORTESE
- Facility County Code: 12
- Reg By: LTNKA
- Reg Id: 1THU636

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265 NNW 1/4-1/2 0.295 mi. 1559 ft. **EEL RIVER SAWMILL, SPECIA** **LUST S102429138**
2000 FOSTER **CPS-SLIC N/A**
ARCATA, CA 95521 **Cortese**
HIST CORTESE

Relative: Higher

Actual: 22 ft.

LUST:
- Name: EEL RIVER SAWMILL, SPECIALTY
- Address: 2000 FOSTER AVENUE
- City,State,Zip: ARCATA, CA 95521
- Lead Agency: NORTH COAST RWQCB (REGION 1)
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300394
- Global Id: T0602300394
- Latitude: 40.8807116134804
- Longitude: -124.095509560852
- Status: Completed - Case Closed
- Status Date: 05/22/2001
- Case Worker: ZZZ
- RB Case Number: 1THU518
- Local Agency: HUMBOLDT COUNTY LOP
- File Location: Not reported
- Local Case Number: 12518
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
- Site History: Not reported

LUST:
- Global Id: T0602300394
- Contact Type: Local Agency Caseworker
- Contact Name: Mark Verhey
- Organization Name: HUMBOLDT COUNTY LOP
- Address: 100 H Street, Suite 100
- City: Eureka
- Email: mverhey@co.humboldt.ca.us
- Phone Number: Not reported

- Global Id: T0602300394
- Contact Type: Regional Board Caseworker
- Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
- Organization Name: NORTH COAST RWQCB (REGION 1)
- Address: 5550 SKYLANE BOULEVARD, SUITE A
- City: SANTA ROSA
- Email: Not reported
- Phone Number: Not reported

LUST:
- Global Id: T0602300394

EEL RIVER SAWMILL, SPECIA (Continued) **S102429138**

Action Type: ENFORCEMENT
Date: 05/22/2001
Action: Closure/No Further Action Letter

Global Id: T0602300394
Action Type: Other
Date: 02/28/1995
Action: Leak Discovery

Global Id: T0602300394
Action Type: Other
Date: 02/28/1995
Action: Leak Reported

Global Id: T0602300394
Action Type: RESPONSE
Date: 01/12/1999
Action: Request for Closure

Global Id: T0602300394
Action Type: ENFORCEMENT
Date: 05/22/2001
Action: Closure/No Further Action Letter - #12518.RACC

Global Id: T0602300394
Action Type: Other
Date: 02/28/1995
Action: Leak Stopped

LUST:
Global Id: T0602300394
Status: Open - Case Begin Date
Status Date: 02/28/1995

Global Id: T0602300394
Status: Open - Site Assessment
Status Date: 03/20/1995

Global Id: T0602300394
Status: Open - Remediation
Status Date: 05/21/2001

Global Id: T0602300394
Status: Open - Site Assessment
Status Date: 05/21/2001

Global Id: T0602300394
Status: Open - Verification Monitoring
Status Date: 05/21/2001

Global Id: T0602300394
Status: Completed - Case Closed
Status Date: 05/22/2001

LUST REG 1:

EEL RIVER SAWMILL, SPECIA (Continued) **S102429138**

Region: 1
Facility ID: 1THU518
Staff Initials: HUM

SLIC REG 1:
Region: 1
Facility ID: 1NHU518
Staff Initials: AAA

CPS-SLIC:

Name:	EEL RIVER SAWMILL, SPECIALTY
Address:	2000 FOSTER AVENUE
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/10/2009
Global Id:	T0602391361
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.880935
Longitude:	-124.099052
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NHU518
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Redwood mill - dioxins found associated with former teepee burner. contaminated soils removed. No further action required as of 2-2-09.

Click here to access the California GeoTracker records for this facility:

CORTESE:

Name:	EEL RIVER SAWMILL, SPECIALTY
Address:	2000 FOSTER AVENUE
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300394
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported

EEL RIVER SAWMILL, SPECIA (Continued) **S102429138**

Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: EEL RIVER SAWMILL, SPECIA
edr_fadd1: 2000 FOSTER
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Facility County Code: 12
Reg By: LTNKA
Reg Id: 1THU518

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266 WNW 1/4-1/2 0.312 mi. 1647 ft. **CHISUM, SHIRLEY** **JANES & ELEVENTH STREET** **ARCATA, CA 95521** **CPS-SLIC DEED** **S105051246 N/A**

Relative: Lower
Actual: 14 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NHU452
Staff Initials: LMB

CPS-SLIC:
Name: CHISUM, SHIRLEY
Address: JANES & ELEVENTH STREET
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/02/2021
Global Id: T0602393280
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.8740987590641
Longitude: -124.100289214611
Case Type: Cleanup Program Site
Case Worker: FAB
Local Agency: HUMBOLDT COUNTY LOP
RB Case Number: 1NHU452
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Former creamery. Lead and petroleum hydrocarbons in soil - removed via excavation. Small area of lead in soil below 4 feet below ground surface (bgs) in the northwest-central portion of the property. Deed restriction/Land Use Covenant for residual lead in soil concentrations recorded with Humboldt County Recorder on July 16, 2021.

Click here to access the California GeoTracker records for this facility:

DEED:
Name: CHISUM, SHIRLEY
Address: JANES & ELEVENTH STREET
City,State,Zip: ARCATA, CA 95521
Envirostor ID: T0602393280

CHISUM, SHIRLEY (Continued) **S105051246**

Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 06/07/2021
File Name: Geotracker Land Use/Deed Restrictions

AW267 **SCIARONI PROPERTY** **LUST** **S100272086**
NE **1800 BOTTOMS** **Cortese** **N/A**
1/4-1/2 **ARCATA, CA 95521** **HIST CORTESE**
0.347 mi.
1830 ft. **Site 1 of 7 in cluster AW**

Relative:
Higher

Actual:
76 ft.

LUST:
Name: SCIARONI PROPERTY
Address: 1800 BOTTOMS ROAD
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300229
Global Id: T0602300229
Latitude: 40.8760668
Longitude: -124.0835682
Status: Completed - Case Closed
Status Date: 03/16/1994
Case Worker: ZZZ
RB Case Number: 1THU299
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602300229
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300229
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075762220

LUST:
Global Id: T0602300229
Action Type: ENFORCEMENT

SCIARONI PROPERTY (Continued) **S100272086**

Date: 10/12/1990
Action: * Historical Enforcement

Global Id: T0602300229
Action Type: Other
Date: 10/04/1990
Action: Leak Discovery

Global Id: T0602300229
Action Type: Other
Date: 10/04/1990
Action: Leak Reported

Global Id: T0602300229
Action Type: Other
Date: 10/04/1990
Action: Leak Stopped

LUST:
Global Id: T0602300229
Status: Open - Case Begin Date
Status Date: 10/04/1990

Global Id: T0602300229
Status: Open - Site Assessment
Status Date: 10/12/1990

Global Id: T0602300229
Status: Open - Site Assessment
Status Date: 05/20/1991

Global Id: T0602300229
Status: Open - Site Assessment
Status Date: 07/03/1991

Global Id: T0602300229
Status: Open - Site Assessment
Status Date: 02/11/1992

Global Id: T0602300229
Status: Open - Remediation
Status Date: 03/15/1994

Global Id: T0602300229
Status: Open - Verification Monitoring
Status Date: 03/15/1994

Global Id: T0602300229
Status: Completed - Case Closed
Status Date: 03/16/1994

LUST REG 1:
Region: 1
Facility ID: 1THU299
Staff Initials: Closed

SCIARONI PROPERTY (Continued) **S100272086**

CORTESE:

Name:	SCIARONI PROPERTY
Address:	1800 BOTTOMS ROAD
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300229
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SCIARONI PROPERTY
edr_fadd1:	1800 BOTTOMS
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU299

AW268 **PHILLY CHEESE STEAK SHOP/FORMER CHEVRON** **LUST** **S111293373**
NE **1811 G STREET** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.359 mi.
1895 ft. **Site 2 of 7 in cluster AW**

Relative:
Higher

Actual:
75 ft.

LUST:

Name:	PHILLY CHEESE STEAK SHOP/FORMER CHEVRON
Address:	1811 G STREET
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003375
Global Id:	T10000003375
Latitude:	40.8761503876492
Longitude:	-124.083343975394
Status:	Open - Site Assessment
Status Date:	08/25/2014
Case Worker:	TNM
RB Case Number:	1THU939
Local Agency:	Not reported
File Location:	Local Agency

PHILLY CHEESE STEAK SHOP/FORMER CHEVRON (Continued) **S111293373**

Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating
Site History: A fueling facility operated at the site from 1948 until about 1957. No information on the number, contents, or removal of the underground storage tanks (USTs) is available. In 1996, petroleum impacted soil was found while constructing a restaurant, and in 2011 impacted groundwater was found at the adjacent property to the west.

LUST:
Global Id: T10000003375
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 05/14/2015
Action: Site Visit / Inspection / Sampling

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 06/05/2015
Action: Notice of Violation - #12939.NOV1

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 06/17/2016
Action: Other Report

Global Id: T10000003375
Action Type: Other
Date: 11/07/2011
Action: Leak Reported

Global Id: T10000003375
Action Type: RESPONSE
Date: 11/14/1996
Action: Correspondence

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 08/24/2017
Action: Staff Letter

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 07/21/2017
Action: Other Report

Global Id: T10000003375
Action Type: ENFORCEMENT

PHILLY CHEESE STEAK SHOP/FORMER CHEVRON (Continued) **S111293373**

Date: 06/15/2020
Action: File Review - Closure

Global Id: T10000003375
Action Type: RESPONSE
Date: 01/26/2016
Action: Correspondence

Global Id: T10000003375
Action Type: RESPONSE
Date: 06/28/2017
Action: Request for Closure - Regulator Responded

Global Id: T10000003375
Action Type: RESPONSE
Date: 04/05/2017
Action: Request for Closure - Regulator Responded

Global Id: T10000003375
Action Type: RESPONSE
Date: 07/11/2016
Action: Site Investigation Workplan - Regulator Responded

Global Id: T10000003375
Action Type: REMEDIATION
Date: 02/24/2012
Action: Monitored Natural Attenuation

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 11/07/2011
Action: Notice of Responsibility

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 01/09/2012
Action: Notice of Responsibility

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 03/19/2012
Action: Notice of Responsibility

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 03/19/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: File review

Global Id: T10000003375
Action Type: ENFORCEMENT
Date: 08/10/2021
Action: Closure Summary

PHILLY CHEESE STEAK SHOP/FORMER CHEVRON (Continued) **S111293373**

Global Id:	T10000003375
Action Type:	Other
Date:	11/07/2011
Action:	Leak Began
Global Id:	T10000003375
Action Type:	RESPONSE
Date:	10/31/1997
Action:	Preliminary Site Assessment Report
Global Id:	T10000003375
Action Type:	RESPONSE
Date:	10/16/1998
Action:	Other Report / Document
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	03/29/2016
Action:	Staff Letter
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	05/16/2017
Action:	Staff Letter
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	05/21/2018
Action:	Site Visit / Inspection / Sampling
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	11/27/2017
Action:	Closure Denial Letter
Global Id:	T10000003375
Action Type:	Other
Date:	11/07/2011
Action:	Leak Stopped
Global Id:	T10000003375
Action Type:	RESPONSE
Date:	12/14/2017
Action:	Other Report / Document
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	11/17/2015
Action:	Staff Letter
Global Id:	T10000003375
Action Type:	ENFORCEMENT
Date:	05/23/2018
Action:	Meeting
Global Id:	T10000003375
Action Type:	Other

PHILLY CHEESE STEAK SHOP/FORMER CHEVRON (Continued) **S111293373**

Date: 11/07/2011
Action: Leak Discovery

LUST:
Global Id: T10000003375
Status: Open - Assessment & Interim Remedial Action
Status Date: 11/07/2011

Global Id: T10000003375
Status: Open - Case Begin Date
Status Date: 11/07/2011

Global Id: T10000003375
Status: Open - Site Assessment
Status Date: 11/07/2011

Global Id: T10000003375
Status: Open - Verification Monitoring
Status Date: 02/24/2012

Global Id: T10000003375
Status: Open - Site Assessment
Status Date: 08/25/2014

Global Id: T10000003375
Status: Open - Verification Monitoring
Status Date: 08/25/2014

AW269 **PHILLY CHEESE STEAK SHOP/FORMER CHEVRON** **Cortese** **S123098587**
NE **1811 G STREET** **CERS** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.359 mi.
1895 ft. **Site 3 of 7 in cluster AW**

Relative:
Higher

Actual:
75 ft.

CORTESE:
Name: PHILLY CHEESE STEAK SHOP/FORMER CHEVRON
Address: 1811 G STREET
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000003375
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported

PHILLY CHEESE STEAK SHOP/FORMER CHEVRON (Continued) **S123098587**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: PHILLY CHEESE STEAK SHOP/FORMER CHEVRON
Address: 1811 G STREET
City,State,Zip: ARCATA, CA 95521
Site ID: 209597
CERS ID: T10000003375
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030,

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270 NNE 1/4-1/2 0.362 mi. 1909 ft. **ARCATA OPEN DOOR COMMUNITY HEALTH CENTER** **ENVIROSTOR** **S126143194**
1150 FOSTER AVENUE **NPDES** **N/A**
ARCATA, CA 95521 **CIWQS**
CERS

Relative: Higher
Actual: 46 ft.

ENVIROSTOR:
Name: ARCATA COMMUNITY HEALTH CENTER
Address: 1150 FOSTER AVENUE
City,State,Zip: ARCATA, CA 95521
Facility ID: 60002941
Status: No Action Required
Status Date: 08/03/2020
Site Code: 202298
Site Type: Calmortgage
Site Type Detailed: Calmortgage
Acres: 2.55
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Andrew Reimanis
Supervisor: William Beckman
Division Branch: Cleanup Sacramento
Assembly: 02
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CalMortgage
Latitude: 40.87979
Longitude: -124.0858
APN: 555-121-031
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

ARCATA OPEN DOOR COMMUNITY HEALTH CENTER (Continued) **S126143194**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 555-121-031
Alias Type: APN
Alias Name: 202298
Alias Type: Project Code (Site Code)
Alias Name: 60002941
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/02/2020
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:
Name: ARCATA OPEN DOOR COMMUNITY HEALTH CENTER
Address: 1150 FOSTER AVENUE
City,State,Zip: ARCATA, CA 95521
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 1 12C391521
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 09/22/2020
Operator Name: Open Door Community Health Centers
Operator Address: 690 Ninth St
Operator City: Arcata
Operator State: California
Operator Zip: 95521

ARCATA OPEN DOOR COMMUNITY HEALTH CENTER (Continued) **S126143194**

Name:	ARCATA OPEN DOOR COMMUNITY HEALTH CENTER
Address:	1150 FOSTER AVENUE
City,State,Zip:	ARCATA, CA 95521
Facility Status:	Active
NPDES Number:	CAS000002
Region:	1
Agency Number:	0
Regulatory Measure ID:	474208
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	1 12C391521
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/22/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	690 Ninth St
Discharge Name:	Open Door Community Health Centers
Discharge City:	Arcata
Discharge State:	California
Discharge Zip:	95521
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	ARCATA OPEN DOOR COMMUNITY HEALTH CENTER
Address:	1150 FOSTER AVENUE
City,State,Zip:	ARCATA, CA 95521
Agency:	Open Door Community Health Centers
Agency Address:	690 Ninth St Suite 204, Arcata, CA 95521
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	1
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	1 12C391521
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	09/22/2020
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	40.8796
Longitude:	-124.08572

ARCATA OPEN DOOR COMMUNITY HEALTH CENTER (Continued) **S126143194**

CERS:
- Name: ARCATA OPEN DOOR COMMUNITY HEALTH CENTER
- Address: 1150 FOSTER AVENUE
- City,State,Zip: ARCATA, CA 95521
- Site ID: 578893
- CERS ID: 885661
- CERS Description: Construction Storm Water

Affiliation:
- Affiliation Type Desc: Owner/Operator
- Entity Name: Open Door Community Health Centers
- Entity Title: Operator
- Affiliation Address: 690 Ninth StSuite 204
- Affiliation City: Arcata
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 95521
- Affiliation Phone: ,

AX271 **CITY OF ARCATA COMPOST FACILITY** **SWF/LF** **S126983045**
South **600 S G ST** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.363 mi.
1915 ft. **Site 1 of 2 in cluster AX**

Relative: **Lower**
Actual: **5 ft.**

SWF/LF (SWIS):
- Name: CITY OF ARCATA COMPOST FACILITY
- Address: 600 S G ST
- City,State,Zip: ARCATA, CA 95521
- Region: STATE
- Facility ID: 12-AA-0101
- SWIS Number: 12-AA-0101
- Point of Contact: Eric Kiruja
- Is Archived: No
- Is Closed Illegal Abandoned: No
- Is Site Inert Debris Engineered Fill: No
- Is Financial Assurances Responsible: No
- Absorbed On: Not reported
- Operational Status: Active
- Absorbed By: Not reported
- Closed Illegal Abandoned Category: Not reported
- EPA Federal Registry ID: Not reported
- ARB District: North Coast Unified
- SWRCB Region: North Coast
- Local Government: Arcata
- Reporting Agency Legal Name: County of Humboldt
- Reporting Agency Department: Department of Health and Human Services, Environmental Health Division
- Enforcing Agency Legal Name: County of Humboldt
- Enforcing Agency Department: Department of Health and Human Services, Environmental Health Division
- Regulation Status: Notification

Activity:
- SWIS Number: 12-AA-0101
- Site Name: City Of Arcata Compost Facility
- Activity: Biosolids Composting at POTWs
- Activity Is Archived: No
- Category: Composting

CITY OF ARCATA COMPOST FACILITY (Continued) **S126983045**

Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	204
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	52
Capacity Units:	Tons per year
Total Acreage:	7
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Eric Kiruja
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Humboldt
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Arcata
Street Address:	600 S G St
City:	Arcata
State:	CA
ZIP Code:	95521
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division

Operator:

SWIS Number:	12-AA-0101
Site Name:	City Of Arcata Compost Facility
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	40.85105
Longitude:	-124.08015
Is Archived:	No
Operator:	City Of Arcata, Env. Ser. Dept.
Started On:	Not reported
Contact Name:	Stephen Tyler
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 822-8184

CITY OF ARCATA COMPOST FACILITY (Continued) **S126983045**

Street Address:	736 F St
Operator City:	Arcata
Operator State:	CA
Operator Zip:	95521

Owner:

SWIS Number:	12-AA-0101
Owner:	City Of Arcata, Env. Ser. Dept.
Owner Address:	736 F St
Owner City:	Arcata
Owner State:	CA
Owner Zip:	95521
Site Name:	City Of Arcata Compost Facility
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	40.85105
Longitude:	-124.08015
Is Archived:	No
Started On:	Not reported
Contact Name:	Stephen Tyler
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 822-8184

Waste:

SWIS Number:	12-AA-0101
Site Name:	City Of Arcata Compost Facility
Activity:	Biosolids Composting at POTWs
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Operation

SWIS Number:	12-AA-0101
Site Name:	City Of Arcata Compost Facility
Activity:	Biosolids Composting at POTWs
Waste Type:	Sludge (BioSolids)
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Operation

AX272 **ARCATA CITY WWTF** **PFAS** **S127522368**
South **600 SOUTH G STREET** **N/A**
1/4-1/2 **ARCATA, CA**
0.363 mi.
1915 ft. **Site 2 of 2 in cluster AX**

Relative: **Lower**

Actual: **5 ft.**

PFAS:

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF001
Matrix:	Liquid
Chemical:	MEFOSA
Qualifier:	ND
Value:	0
Reporting Limit:	40
Detection Limit:	24
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	IS
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)

ARCATA CITY WWTF (Continued) **S127522368**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF001
Matrix:	Liquid
Chemical:	MEFOSA
Qualifier:	ND
Value:	0
Reporting Limit:	40
Detection Limit:	24
Lab Notes:	DB,GR
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550
Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF001
Matrix:	Liquid
Chemical:	6:2FTS
Qualifier:	ND

ARCATA CITY WWTF (Continued) **S127522368**

Value:	0
Reporting Limit:	25
Detection Limit:	7.5
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF001
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	12
Lab Notes:	SN
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	IS
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET

ARCATA CITY WWTF (Continued) **S127522368**

City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF001
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	12
Lab Notes:	SN
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550
Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

ARCATA CITY WWTF (Continued) **S127522368**

Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: INF001
Matrix: Liquid
Chemical: 4:2FTS
Qualifier: ND
Value: 0
Reporting Limit: 25
Detection Limit: 10
Lab Notes: DB,GR
Quarterly Running Annual Average: 0
Units: NG/L
Date: 2/25/2021
Field Pt Class: IS
Site Use: Wastewater Treatment Plants
Site Type: * NPDES
Latitude: 40.86643
Longitude: -124.08665
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name: ARCATA CITY WWTF
Address: 600 SOUTH G STREET
City,State,Zip: ARCATA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: NPD100051550
Facility Region: NORTH COAST RWQCB (REGION 1)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: EFF001
Matrix: Liquid
Chemical: 4:2FTS
Qualifier: ND
Value: 0
Reporting Limit: 25
Detection Limit: 10
Lab Notes: Not reported
Quarterly Running Annual Average: 0
Units: NG/L
Date: 2/25/2021

ARCATA CITY WWTF (Continued) **S127522368**

Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF001
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	19
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	IS
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported

ARCATA CITY WWTF (Continued) **S127522368**

Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF001
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	19
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550
Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF001
Matrix:	Liquid

ARCATA CITY WWTF (Continued) **S127522368**

Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	6.5
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

Name:	ARCATA CITY WWTF
Address:	600 SOUTH G STREET
City,State,Zip:	ARCATA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	NPD100051550
Facility Region:	NORTH COAST RWQCB (REGION 1)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF001
Matrix:	Liquid
Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	25
Detection Limit:	6.5
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	2/25/2021
Field Pt Class:	IS
Site Use:	Wastewater Treatment Plants
Site Type:	* NPDES
Latitude:	40.86643
Longitude:	-124.08665
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=NPD100051550

ARCATA CITY WWTF (Continued) **S127522368**

Click this hyperlink while viewing on your computer to access
218 additional CA PFAS: record(s) in the EDR Site Report.

AW273 **HUMBOLDT STATE UNIVERSITY - TH'R ARTS** **LUST** **S110654161**
NE **HSU SEQUOIA MALL** **Cortese** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.387 mi.
2043 ft. **Site 4 of 7 in cluster AW**

Relative:
Higher

Actual:
71 ft.

LUST:

Name:	HUMBOLDT STATE UNIVERSITY - TH'R ARTS
Address:	HSU SEQUOIA MALL
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300330
Global Id:	T0602300330
Latitude:	40.8766908
Longitude:	-124.0830873
Status:	Completed - Case Closed
Status Date:	10/06/1995
Case Worker:	ZZZ
RB Case Number:	1THU435
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300330
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300330
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075762220

LUST:

Global Id:	T0602300330
Action Type:	Other
Date:	09/14/1992
Action:	Leak Discovery

Global Id:	T0602300330
Action Type:	ENFORCEMENT
Date:	10/30/1992

HUMBOLDT STATE UNIVERSITY - TH'R ARTS (Continued) **S110654161**

Action: * Historical Enforcement

Global Id: T0602300330
Action Type: Other
Date: 09/14/1992
Action: Leak Reported

Global Id: T0602300330
Action Type: Other
Date: 09/14/1992
Action: Leak Stopped

LUST:
Global Id: T0602300330
Status: Open - Case Begin Date
Status Date: 09/14/1992

Global Id: T0602300330
Status: Open - Site Assessment
Status Date: 10/30/1992

Global Id: T0602300330
Status: Open - Site Assessment
Status Date: 08/05/1993

Global Id: T0602300330
Status: Open - Site Assessment
Status Date: 08/18/1993

Global Id: T0602300330
Status: Open - Remediation
Status Date: 10/05/1995

Global Id: T0602300330
Status: Open - Site Assessment
Status Date: 10/05/1995

Global Id: T0602300330
Status: Open - Verification Monitoring
Status Date: 10/05/1995

Global Id: T0602300330
Status: Completed - Case Closed
Status Date: 10/06/1995

CORTESE:
Name: HUMBOLDT STATE UNIVERSITY - TH'R ARTS
Address: HSU SEQUOIA MALL
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300330
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

HUMBOLDT STATE UNIVERSITY - TH'R ARTS (Continued) **S110654161**

Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AW274 **SIMPSON TIMBER (BRAINARD)** **LUST** **S110654112**
NE **BRAINARD YARD** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.387 mi.
2043 ft. **Site 5 of 7 in cluster AW**

Relative:
Higher

Actual:
71 ft.

LUST:

Name:	SIMPSON TIMBER (BRAINARD)
Address:	BRAINARD YARD
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300024
Global Id:	T0602300024
Latitude:	40.8766908
Longitude:	-124.0830873
Status:	Completed - Case Closed
Status Date:	07/13/1994
Case Worker:	ZZZ
RB Case Number:	1THU024
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300024
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075762220

LUST:

Global Id:	T0602300024
Action Type:	Other
Date:	03/07/1988
Action:	Leak Discovery

SIMPSON TIMBER (BRAINARD) (Continued) **S110654112**

Global Id: T0602300024
Action Type: ENFORCEMENT
Date: 02/15/1989
Action: * Historical Enforcement

Global Id: T0602300024
Action Type: Other
Date: 03/07/1988
Action: Leak Reported

Global Id: T0602300024
Action Type: Other
Date: 03/07/1988
Action: Leak Stopped

LUST:
Global Id: T0602300024
Status: Open - Case Begin Date
Status Date: 03/07/1988

Global Id: T0602300024
Status: Open - Site Assessment
Status Date: 03/07/1988

Global Id: T0602300024
Status: Open - Site Assessment
Status Date: 09/05/1989

Global Id: T0602300024
Status: Open - Site Assessment
Status Date: 09/14/1989

Global Id: T0602300024
Status: Open - Site Assessment
Status Date: 01/16/1990

Global Id: T0602300024
Status: Open - Remediation
Status Date: 07/12/1994

Global Id: T0602300024
Status: Open - Verification Monitoring
Status Date: 07/12/1994

Global Id: T0602300024
Status: Completed - Case Closed
Status Date: 07/13/1994

AW275 **REDWOOD EMPIRE AGGREGATES** **LUST** **S110654130**
NE **HIGHWAY 101/GUINTOLI** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.387 mi.
2043 ft. **Site 6 of 7 in cluster AW**

Relative:
Higher

Actual:
71 ft.

LUST:

Name:	REDWOOD EMPIRE AGGREGATES
Address:	HIGHWAY 101/GUINTOLI
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300131
Global Id:	T0602300131
Latitude:	40.8766908
Longitude:	-124.0830873
Status:	Completed - Case Closed
Status Date:	12/09/1992
Case Worker:	ZZZ
RB Case Number:	1THU165
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300131
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300131
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075762220

LUST:

Global Id:	T0602300131
Action Type:	Other
Date:	09/07/1989
Action:	Leak Discovery

Global Id:	T0602300131
Action Type:	ENFORCEMENT
Date:	09/07/1989
Action:	* Historical Enforcement

Global Id:	T0602300131
Action Type:	Other

REDWOOD EMPIRE AGGREGATES (Continued) **S110654130**

Date: 09/07/1989
Action: Leak Reported

Global Id: T0602300131
Action Type: Other
Date: 09/07/1989
Action: Leak Stopped

LUST:
Global Id: T0602300131
Status: Open - Case Begin Date
Status Date: 09/07/1989

Global Id: T0602300131
Status: Open - Site Assessment
Status Date: 09/07/1989

Global Id: T0602300131
Status: Open - Remediation
Status Date: 12/08/1992

Global Id: T0602300131
Status: Open - Site Assessment
Status Date: 12/08/1992

Global Id: T0602300131
Status: Open - Verification Monitoring
Status Date: 12/08/1992

Global Id: T0602300131
Status: Completed - Case Closed
Status Date: 12/09/1992

AW276 **HUMBOLDT STATE UNIVERSITY - FORBES** **LUST** **S110654166**
NE **GYMNASIUM LANE** **Cortese** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.387 mi.
2043 ft. **Site 7 of 7 in cluster AW**

Relative:
Higher

Actual:
71 ft.

LUST:
Name: HUMBOLDT STATE UNIVERSITY - FORBES
Address: GYMNASIUM LANE
City,State,Zip: ARCATA, CA 95521
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300373
Global Id: T0602300373
Latitude: 40.8766908
Longitude: -124.0830873
Status: Completed - Case Closed
Status Date: 12/28/1994
Case Worker: ZZZ
RB Case Number: 1THU493
Local Agency: HUMBOLDT COUNTY LOP
File Location: Not reported
Local Case Number: Not reported

HUMBOLDT STATE UNIVERSITY - FORBES (Continued) **S110654166**

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0602300373
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300373
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075762220

LUST:
Global Id: T0602300373
Action Type: Other
Date: 08/10/1993
Action: Leak Discovery

Global Id: T0602300373
Action Type: Other
Date: 08/10/1993
Action: Leak Reported

Global Id: T0602300373
Action Type: Other
Date: 08/10/1993
Action: Leak Stopped

LUST:
Global Id: T0602300373
Status: Open - Case Begin Date
Status Date: 08/10/1993

Global Id: T0602300373
Status: Open - Site Assessment
Status Date: 09/08/1993

Global Id: T0602300373
Status: Open - Site Assessment
Status Date: 05/05/1994

Global Id: T0602300373
Status: Open - Remediation
Status Date: 12/27/1994

Global Id: T0602300373

HUMBOLDT STATE UNIVERSITY - FORBES (Continued) **S110654166**

Status:	Open - Site Assessment
Status Date:	12/27/1994
Global Id:	T0602300373
Status:	Open - Verification Monitoring
Status Date:	12/27/1994
Global Id:	T0602300373
Status:	Completed - Case Closed
Status Date:	12/28/1994

CORTESE:

Name:	HUMBOLDT STATE UNIVERSITY - FORBES
Address:	GYMNASIUM LANE
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300373
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AY277 **ARCATA SOUTH** **US BROWNFIELDS** **1016139289**
South **46 SOUTH I STREET** **FINDS** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.431 mi.
2276 ft. **Site 1 of 4 in cluster AY**

Relative: **Lower**
Actual: **7 ft.**

US BROWNFIELDS:

Name:	ARCATA SOUTH
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA
Property Number:	-
Parcel size:	15
Latitude:	40.8634
Longitude:	-124.0902
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station

ARCATA SOUTH (Continued) **1016139289**

Highlights:	-
Datum:	North American Datum of 1983
Acres Property ID:	11253
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	25000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	6/30/2003
Ownership Entity:	-
Completion Date:	6/30/2003
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-

ARCATA SOUTH (Continued) **1016139289**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-

ARCATA SOUTH (Continued) **1016139289**

Property Description:	-
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439
Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07

Name:	ARCATA SOUTH
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA
Property Number:	-
Parcel size:	15
Latitude:	40.8634
Longitude:	-124.0902
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	North American Datum of 1983
Acres Property ID:	11253
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	n/a
Start Date:	9/30/2002
Ownership Entity:	-
Completion Date:	9/30/2002
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-

ARCATA SOUTH (Continued) **1016139289**

IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-

ARCATA SOUTH (Continued) **1016139289**

Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439
Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07

FINDS:
Registry ID: 110015335403

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AY278 **LITTLE LAKE INDUSTRIES** **US BROWNFIELDS** **1025442447**
South **46 SOUTH I STREET** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.431 mi.
2276 ft. **Site 2 of 4 in cluster AY**

Relative:
Lower

Actual:
7 ft.

US BROWNFIELDS:

Name:	LITTLE LAKE INDUSTRIES
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Property Number:	503-232-04, 503-232-13, 503-232-16
Parcel size:	12
Latitude:	40.8619781
Longitude:	-124.0923936
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: Lumber remanufacturing, drying and storage facility.
Datum:	North American Datum of 1983
Acres Property ID:	11252
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	9/30/2002
Ownership Entity:	Government
Completion Date:	9/30/2002
Current Owner:	City of Arcata
Did Owner Change:	N
Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	Y
Other contams found description:	dioxin
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	Y
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	12
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	Y
Mercury contaminant found:	-
Nickel contaminant found:	Y
No contaminant found:	-
Pesticides contaminant found:	Y
Selenium contaminant found:	Y
SVOCs contaminant found:	Y
Unknown contaminant found:	-

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber remanufacturing, drying and storage facility.
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439
Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07

Name:	LITTLE LAKE INDUSTRIES
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	R9 TBA - California (Pre-law Superfund TBA)
Grant Type:	TBA
Property Number:	503-232-04, 503-232-13, 503-232-16
Parcel size:	12
Latitude:	40.8619781
Longitude:	-124.0923936
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: Lumber remanufacturing, drying and storage facility.
Datum:	North American Datum of 1983
Acres Property ID:	11252
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	25000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	6/30/2003
Ownership Entity:	Government
Completion Date:	6/30/2003
Current Owner:	City of Arcata
Did Owner Change:	N

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	Y
Other contams found description:	dioxin
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	Y
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	12
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	Y
Mercury contaminant found:	-
Nickel contaminant found:	Y
No contaminant found:	-
Pesticides contaminant found:	Y
Selenium contaminant found:	Y
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber remanufacturing, drying and storage facility.
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439
Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07

Name:	LITTLE LAKE INDUSTRIES
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	City of Arcata
Grant Type:	Assessment
Property Number:	503-232-04, 503-232-13, 503-232-16
Parcel size:	12
Latitude:	40.8619781
Longitude:	-124.0923936
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: Lumber remanufacturing, drying and storage facility.
Datum:	North American Datum of 1983
Acres Property ID:	11252
IC Data Access:	-

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	99T62301
Start Date:	4/3/2018
Ownership Entity:	Government
Completion Date:	-
Current Owner:	City of Arcata
Did Owner Change:	N
Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	Y
Other contams found description:	dioxin
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	Y

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	12
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	Y
Mercury contaminant found:	-
Nickel contaminant found:	Y
No contaminant found:	-
Pesticides contaminant found:	Y
Selenium contaminant found:	Y
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber remanufacturing, drying and storage facility.
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07
Name:	LITTLE LAKE INDUSTRIES
Address:	46 SOUTH I STREET
City,State,Zip:	ARCATA, CA 95521
Recipient Name:	City of Arcata
Grant Type:	Assessment
Property Number:	503-232-04, 503-232-13, 503-232-16
Parcel size:	12
Latitude:	40.8619781
Longitude:	-124.0923936
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: Lumber remanufacturing, drying and storage facility.
Datum:	North American Datum of 1983
Acres Property ID:	11252
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	99T62301
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	City of Arcata
Did Owner Change:	N
Cleanup Required:	U
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	Y
Other contams found description:	dioxin
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	Y
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	12
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-

LITTLE LAKE INDUSTRIES (Continued) **1025442447**

Arsenic contaminant found:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	Y
Mercury contaminant found:	-
Nickel contaminant found:	Y
No contaminant found:	-
Pesticides contaminant found:	Y
Selenium contaminant found:	Y
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Lumber remanufacturing, drying and storage facility.
Below Poverty Number:	371
Below Poverty Percent:	42.55
Meidan Income:	5439
Meidan Income Number:	506
Meidan Income Percent:	58.03
Vacant Housing Number:	41
Vacant Housing Percent:	9.3
Unemployed Number:	114
Unemployed Percent:	13.07

AY279 **LITTLE LAKE INDUSTRIES** **LUST** **S101294730**
South **46 I STREET, SOUTH** **CPS-SLIC** **N/A**
1/4-1/2 **ARCATA, CA 95521** **CHMIRS**
0.431 mi. **Cortese**
2276 ft. **Site 3 of 4 in cluster AY** **HIST CORTESE**

Relative: **Lower**

Actual: **7 ft.**

LUST:

Name:	LITTLE LAKE INDUSTRIES
Address:	46 I STREET, SOUTH
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300018
Global Id:	T0602300018
Latitude:	40.8639436612167
Longitude:	-124.089904846414
Status:	Completed - Case Closed
Status Date:	03/08/2000
Case Worker:	ZZZ
RB Case Number:	1THU018
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12018
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

LITTLE LAKE INDUSTRIES (Continued) **S101294730**

Global Id: T0602300018
Contact Type: Local Agency Caseworker
Contact Name: BOB STONE
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H STREET, SUITE 100
City: EUREKA
Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300018
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300018
Action Type: Other
Date: 03/04/1988
Action: Leak Discovery

Global Id: T0602300018
Action Type: ENFORCEMENT
Date: 03/08/2000
Action: * Historical Enforcement

Global Id: T0602300018
Action Type: Other
Date: 03/04/1988
Action: Leak Reported

Global Id: T0602300018
Action Type: ENFORCEMENT
Date: 03/08/2000
Action: Closure/No Further Action Letter - #12018.RACC

Global Id: T0602300018
Action Type: ENFORCEMENT
Date: 03/08/2000
Action: Closure Summary - #12018.CCS

Global Id: T0602300018
Action Type: Other
Date: 03/04/1988
Action: Leak Stopped

LUST:
Global Id: T0602300018
Status: Open - Case Begin Date
Status Date: 03/04/1988

Global Id: T0602300018
Status: Open - Site Assessment

LITTLE LAKE INDUSTRIES (Continued) **S101294730**

Status Date: 03/04/1988

Global Id: T0602300018
Status: Open - Site Assessment
Status Date: 11/17/1989

Global Id: T0602300018
Status: Open - Site Assessment
Status Date: 02/06/1990

Global Id: T0602300018
Status: Open - Site Assessment
Status Date: 07/03/1991

Global Id: T0602300018
Status: Open - Remediation
Status Date: 03/07/2000

Global Id: T0602300018
Status: Open - Verification Monitoring
Status Date: 03/07/2000

Global Id: T0602300018
Status: Completed - Case Closed
Status Date: 03/08/2000

LUST REG 1:
Region: 1
Facility ID: 1THU018
Staff Initials: Closed

CPS-SLIC:
Name: LITTLE LAKE INDUSTRIES (ARCATA MILL)
Address: 46 I STREET, SOUTH
City,State,Zip: ARCATA, CA 95521
Region: STATE
Facility Status: Open - Assessment & Interim Remedial Action
Status Date: 09/09/2021
Global Id: SL0602379412
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 40.8636634377211
Longitude: -124.090350866318
Case Type: Cleanup Program Site
Case Worker: CSH
Local Agency: HUMBOLDT COUNTY LOP
RB Case Number: 1NHU018
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Dioxin / Furans, * Petroleum, Aviation, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LITTLE LAKE INDUSTRIES (Continued) **S101294730**

CHMIRS:

Name:	Not reported
Address:	46 I STREET
City,State,Zip:	ARCATA, CA
OES Incident Number:	0-2916
OES notification:	06/30/2000
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Arcata Police Dept
Incident Date:	6/28/200012:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Drug Lab Waste
Gallons:	5-6
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0

LITTLE LAKE INDUSTRIES (Continued) **S101294730**

Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substances were located when stop was made on a suspect motorhome. The chemicals were contained to the burn barrel.

CORTESE:

Name:	LITTLE LAKE INDUSTRIES
Address:	46 I STREET, SOUTH
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300018
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	LITTLE LAKE INDUSTRIES
edr_fadd1:	46 I
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU018

280 **ARCATA 76** **LUST** **S101307182**
North **2205 ALLIANCE ROAD** **Cortese** **N/A**
1/4-1/2 **ARCATA, CA 95521** **EMI**
0.434 mi. **HIST CORTESE**
2289 ft. **CERS**

Relative:
Higher

Actual:
25 ft.

LUST:

Name:	BIG OIL & TIRE - ARCATA BP
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300259
Global Id:	T0602300259
Latitude:	40.8824498371012
Longitude:	-124.091608381364
Status:	Completed - Case Closed
Status Date:	06/09/2016
Case Worker:	ZZZ
RB Case Number:	1THU339
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12339
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300259
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300259
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	10/19/2011
Action:	Staff Letter

Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	05/13/2011
Action:	Staff Letter

Global Id:	T0602300259
Action Type:	ENFORCEMENT

ARCATA 76 (Continued) **S101307182**

Date: 12/01/2015
Action: Other Report

Global Id: T0602300259
Action Type: RESPONSE
Date: 01/19/2009
Action: Conceptual Site Model

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 07/31/2003
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 09/02/2003
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/20/2006
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 04/12/2006
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/31/2005
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 05/04/2006
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 08/08/2007
Action: File review

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/02/2006
Action: File review

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 11/15/2006
Action: File review

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/01/2006
Action: Site Visit / Inspection / Sampling

ARCATA 76 (Continued) **S101307182**

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 04/19/2007
Action: Meeting

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/11/2006
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 11/19/2007
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 05/25/2007
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/14/2006
Action: Verbal Communication

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 03/15/1991
Action: * Historical Enforcement

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/08/2003
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/26/2007
Action: File review

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 11/14/2008
Action: Notice of Violation

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/22/2008
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/26/2009
Action: Meeting

Global Id: T0602300259
Action Type: ENFORCEMENT

ARCATA 76 (Continued) **S101307182**

Date: 02/17/2009
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 06/10/2009
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 01/16/2013
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 04/19/2012
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/11/2012
Action: Notice of Violation

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Warning Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/20/2015
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 07/08/2015
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 02/10/2016
Action: Staff Letter

Global Id: T0602300259
Action Type: Other
Date: 03/14/1991
Action: Leak Discovery

Global Id: T0602300259
Action Type: RESPONSE
Date: 10/08/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0602300259
Action Type: RESPONSE
Date: 03/07/2016
Action: Well Destruction Workplan - Regulator Responded

ARCATA 76 (Continued) **S101307182**

Global Id: T0602300259
Action Type: REMEDIATION
Date: 01/15/2004
Action: Excavation

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 03/17/2009
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/03/2002
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 03/15/2011
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 10/20/2014
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/22/2014
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 03/18/2016
Action: Staff Letter

Global Id: T0602300259
Action Type: Other
Date: 03/14/1991
Action: Leak Reported

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: File review

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/07/2015
Action: Notification - Public Participation Document

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 08/04/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602300259
Action Type: ENFORCEMENT

ARCATA 76 (Continued) **S101307182**

Date: 02/03/2011
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 12/08/2015
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 06/09/2016
Action: Closure/No Further Action Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 08/05/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0602300259
Action Type: Other
Date: 03/14/1991
Action: Leak Stopped

Global Id: T0602300259
Action Type: RESPONSE
Date: 05/01/2009
Action: Conceptual Site Model

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 08/04/2009
Action: Staff Letter

Global Id: T0602300259
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Meeting

LUST:
Global Id: T0602300259
Status: Open - Case Begin Date
Status Date: 03/14/1991

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 03/15/1991

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 10/26/1994

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 07/31/2003

Global Id: T0602300259
Status: Open - Site Assessment

ARCATA 76 (Continued) **S101307182**

Status Date: 09/02/2003

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 12/08/2003

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 12/14/2003

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 10/31/2005

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 02/01/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 02/02/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 04/12/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 05/04/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 10/11/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 10/20/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 11/15/2006

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 02/26/2007

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 04/19/2007

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 05/25/2007

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 08/08/2007

ARCATA 76 (Continued) **S101307182**

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 11/19/2007

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 12/21/2007

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 08/04/2009

Global Id: T0602300259
Status: Open - Site Assessment
Status Date: 05/02/2013

Global Id: T0602300259
Status: Open - Eligible for Closure
Status Date: 12/08/2015

Global Id: T0602300259
Status: Completed - Case Closed
Status Date: 06/09/2016

LUST REG 1:
Region: 1
Facility ID: 1THU339
Staff Initials: HUM

CORTESE:
Name: BIG OIL & TIRE - ARCATA BP
Address: 2205 ALLIANCE ROAD
City,State,Zip: ARCATA, CA 95521
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300259
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

ARCATA 76 (Continued) **S101307182**

EMI:

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA
Year:	2006
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.2556406124061688464
Reactive Organic Gases Tons/Yr:	.2543639
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 0
Year:	2007
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.2419636073666034703
Reactive Organic Gases Tons/Yr:	.2407552
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2008
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1949648875870952269
Reactive Organic Gases Tons/Yr:	.1939912
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

ARCATA 76 (Continued) **S101307182**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ARCATA 76
Address: 2205 ALLIANCE ROAD
City,State,Zip: ARCATA, CA 95521
Year: 2009
County Code: 12
Air Basin: NC
Facility ID: 654
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13227409917298499
Reactive Organic Gases Tons/Yr: 0.13161349999999999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ARCATA 76
Address: 2205 ALLIANCE ROAD
City,State,Zip: ARCATA, CA 95521
Year: 2010
County Code: 12
Air Basin: NC
Facility ID: 654
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13227409917298499
Reactive Organic Gases Tons/Yr: 0.13161349999999999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ARCATA 76
Address: 2205 ALLIANCE ROAD
City,State,Zip: ARCATA, CA 95521
Year: 2011
County Code: 12
Air Basin: NC
Facility ID: 654
Air District Name: NCU
SIC Code: 5541
Air District Name: NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.21631671256

ARCATA 76 (Continued) **S101307182**

Reactive Organic Gases Tons/Yr:	0.2152534
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2014
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.446511687
Reactive Organic Gases Tons/Yr:	0.446511687
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2015
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.446511687
Reactive Organic Gases Tons/Yr:	0.446511687
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2016
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD

ARCATA 76 (Continued) **S101307182**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.446511687
Reactive Organic Gases Tons/Yr:	0.446511687
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2017
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.512149149
Reactive Organic Gases Tons/Yr:	0.512149149
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2018
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.512149149
Reactive Organic Gases Tons/Yr:	0.512149149
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Year:	2019
County Code:	12
Air Basin:	NC
Facility ID:	654

ARCATA 76 (Continued) **S101307182**

Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	0.512149149
Reactive Organic Gases Tons/Yr:	0.512149149
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HIST CORTESE:

edr_fname:	BP MINI MART / BIG OIL &
edr_fadd1:	2205 ALLIANCE
City,State,Zip:	ARCATA, CA
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU339

CERS:

Name:	ARCATA 76
Address:	2205 ALLIANCE ROAD
City,State,Zip:	ARCATA, CA 95521
Site ID:	451883
CERS ID:	110054317501
CERS Description:	US EPA Air Emission Inventory System (EIS)

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281 East 1/4-1/2 0.443 mi. 2337 ft.

HUMBOLDT STATE UNIV-PLANT
FOURTEENTH & B ST
ARCATA, CA 95521

LUST **S101294726**
HIST CORTESE **N/A**

Relative: Higher

Actual: 85 ft.

LUST REG 1:

Region:	1
Facility ID:	1THU405
Staff Initials:	HUM

HIST CORTESE:

edr_fname:	HUMBOLDT STATE UNIV-PLANT
edr_fadd1:	FOURTEENTH & B ST
City,State,Zip:	ARCATA, CA 95521
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU405

AY282 **NORTH COAST QUALITY COMPOST** **SWF/LF** **S126983046**
South **31 I ST** **N/A**
1/4-1/2 **ARCATA, CA 95521**
0.451 mi.
2381 ft. **Site 4 of 4 in cluster AY**

Relative:
Lower

Actual:
7 ft.

SWF/LF (SWIS):

Name:	NORTH COAST QUALITY COMPOST
Address:	31 I ST
City,State,Zip:	ARCATA, CA 95521
Region:	STATE
Facility ID:	12-AA-0102
SWIS Number:	12-AA-0102
Point of Contact:	Eric Kiruja
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Arcata
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Notification

Operator:

SWIS Number:	12-AA-0102
Site Name:	North Coast Quality Compost
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	40.86667
Longitude:	-124.06667
Is Archived:	Yes
Operator:	Northcoast Quality Compost
Started On:	Not reported
Contact Name:	Bradley Rother
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 668-5162
Street Address:	PO Box 8
Operator City:	Arcata
Operator State:	CA
Operator Zip:	95518

Owner:

SWIS Number:	12-AA-0102
Owner:	S & W Properties
Owner Address:	730 7th St
Owner City:	Eureka
Owner State:	CA
Owner Zip:	95501

NORTH COAST QUALITY COMPOST (Continued) **S126983046**

Site Name:	North Coast Quality Compost
Site Operational Status:	Closed
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	40.86667
Longitude:	-124.06667
Is Archived:	Yes
Started On:	Not reported
Contact Name:	Fred Black
Contact Title:	Partner
Contact Email:	Not reported
Contact Phone:	Not reported

AZ283 **SUN VALLEY BULB FARMS INC** **Notify 65** **S100178248**
North **1780 27TH STREET** **N/A**
1/2-1 **ARCATA, CA 93923**
0.920 mi.
4857 ft. **Site 1 of 3 in cluster AZ**

Relative: **Higher**
Actual: **35 ft.**

NOTIFY 65:

Name:	SUN VALLEY BULB FARMS INC
Address:	1780 27TH STREET
City,State,Zip:	ARCATA, CA 93923
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

AZ284 **SUN VALLEY BULB FARMS** **Notify 65** **S100178356**
North **1780 27TH STREET** **N/A**
1/2-1 **ARCATA, CA 93923**
0.920 mi.
4857 ft. **Site 2 of 3 in cluster AZ**

Relative: **Higher**
Actual: **35 ft.**

NOTIFY 65:

Name:	SUN VALLEY BULB FARMS
Address:	1780 27TH STREET
City,State,Zip:	ARCATA, CA 93923
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

AZ285 **SUN VALLEY BULB FARMS** **Notify 65** **S100178419**
North **1780 27TH STREET** **N/A**
1/2-1 **ARCATA, CA 93923**
0.920 mi.
4857 ft. **Site 3 of 3 in cluster AZ**

Relative: **Higher**

Actual: **35 ft.**

NOTIFY 65:

Name:	SUN VALLEY BULB FARMS
Address:	1780 27TH STREET
City,State,Zip:	ARCATA, CA 93923
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

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286 **SIMPSON REDWOOD CO.** **ENVIROSTOR** **S102564437**
NW **FOSTER AVENUE** **VCP** **N/A**
1/2-1 **ARCATA, CA 95518**
0.991 mi.
5235 ft.

Relative: **Higher**

Actual: **24 ft.**

ENVIROSTOR:

Name:	SIMPSON REDWOOD CO.
Address:	FOSTER AVENUE
City,State,Zip:	ARCATA, CA 95518
Facility ID:	12240118
Status:	Certified / Operation & Maintenance
Status Date:	02/18/1999
Site Code:	200917
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	209
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 1 - North Coast
Lead Agency:	SMBRP
Program Manager:	Sagar Bhatt
Supervisor:	Cheryl Prowell
Division Branch:	Cleanup Berkeley
Assembly:	02
Senate:	02
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	40.88412
Longitude:	-124.1079
APN:	505-151-03, 505-151-04, 505-151-05, 505-161-09, 505-161-10, 505-161-29, 505-181-07, 50515103, 50515104, 50515105, 50516109, 50516110, 50516129, 50518107, 506-131-11, 506-231-01, 506-231-02, 506-231-04, 506-231-05, 506-241-16, 50613111, 50623104, 50623105, 50624116
Past Use:	MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC:	Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE 1,2-Dichloroethylene (cis Pentachlorophenol
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE

SIMPSON REDWOOD CO. (Continued) **S102564437**

1,2-Dichloroethylene (cis Pentachlorophenol
Potential Description: OTH, SOIL
Alias Name: FORMER SIMPSON TIMBER CO. RMNFCTNG PLANT
Alias Type: Alternate Name
Alias Name: SIMPSON ARCATA
Alias Type: Alternate Name
Alias Name: SIMPSON COMMON PAYMASTER COMPANY
Alias Type: Alternate Name
Alias Name: SIMPSON REDWOOD
Alias Type: Alternate Name
Alias Name: SIMPSON REMANUFACTURING
Alias Type: Alternate Name
Alias Name: SIMPSON TIMBER COMPANY
Alias Type: Alternate Name
Alias Name: 505-151-03
Alias Type: APN
Alias Name: 505-151-04
Alias Type: APN
Alias Name: 505-151-05
Alias Type: APN
Alias Name: 505-161-09
Alias Type: APN
Alias Name: 505-161-10
Alias Type: APN
Alias Name: 505-161-29
Alias Type: APN
Alias Name: 505-181-07
Alias Type: APN
Alias Name: 50515103
Alias Type: APN
Alias Name: 50515104
Alias Type: APN
Alias Name: 50515105
Alias Type: APN
Alias Name: 50516109
Alias Type: APN
Alias Name: 50516110
Alias Type: APN
Alias Name: 50516129
Alias Type: APN
Alias Name: 50518107
Alias Type: APN
Alias Name: 506-131-11
Alias Type: APN
Alias Name: 506-231-01
Alias Type: APN
Alias Name: 506-231-02
Alias Type: APN
Alias Name: 506-231-04
Alias Type: APN
Alias Name: 506-231-05
Alias Type: APN
Alias Name: 506-241-16
Alias Type: APN
Alias Name: 50613111
Alias Type: APN
Alias Name: 50623104

SIMPSON REDWOOD CO. (Continued) **S102564437**

Alias Type: APN
Alias Name: 50623105
Alias Type: APN
Alias Name: 50624116
Alias Type: APN
Alias Name: 110033609263
Alias Type: EPA (FRS #)
Alias Name: T0602393409
Alias Type: GeoTracker Global ID
Alias Name: 200917
Alias Type: Project Code (Site Code)
Alias Name: 12240118
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 09/11/2013
Comments: DTSC and the North Coast Regional Water Quality Control Board (Water Board) reviewed the request to modify Monitoring and Reporting Program No. R1-2011-0074. The Water Board and DTSC concurred with the justification provided in the request for ceasing semiannual sampling. It was decided that two semiannual sampling events would be performed in 2015, and the results of the sampling would be included in the Third Five Year Review Report due to be submitted in April 2016. The Water Board rescinded Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 05/07/2015
Comments: A financial responsibility review was conducted by DTSC, and no violations were found. Simpson was found to be in compliance with their financial assurance responsibilities, and no response was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 02/12/2018
Comments: A financial responsibility review was conducted by DTSC, and no violations were found. Simpson was found to be in compliance with their financial assurance responsibilities, and no response was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/28/1999
Comments: The Operation and Maintenance Agreement requires the implementation of the DTSC-approved Operation and Maintenance Plan that is included as an exhibit. Under the Plan, six groundwater monitoring wells surrounding the area where soil was excavated and groundwater was extracted require quarterly monitoring. Monitoring is to continue until four successive quarters indicate that no contaminants are present at concentrations greater than the Maximum Contaminants

SIMPSON REDWOOD CO. (Continued) **S102564437**

Levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 09/25/1997
Comments: A second amendment to the Voluntary Cleanup Agreement that adds the Simpson Common Paymaster Company as a project proponent. It also included an updated scope of work, revised cost estimate, and an updated schedule.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/18/1999
Comments: DTSC certified that that all appropriate removal/remedial actions have been completed. Groundwater monitoring is required as a part of operation and maintenance activities, in compliance with the Operations and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 11/07/1997
Comments: Based on the Initial Study findings, DTSC concluded no significant environmental impacts would occur from Final Removal Action Workplan implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/21/1997
Comments: This Amendment to the Voluntary Cleanup Agreement, dated February 5, 1997, provides an updated schedule and revised cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/05/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/16/2007
Comments: DTSC sent comments requiring continued quarterly groundwater monitoring as well as the addition of ethane and ethane biodegradation products of volatile organic compounds, including vinyl chloride, to the analytical suite for the quarterly groundwater monitoring. The North Coast Regional Water Quality Control Board had provided Simpson Timber Company with Monitoring and Reporting Program No. R1-2006-0118, which incorporated all the comments sent by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/12/2008

SIMPSON REDWOOD CO. (Continued) **S102564437**

Comments: The report presents the results of groundwater monitoring activities for the second quarter 2008. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/23/2008
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2008. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2006-0118. Concentrations of dichloroethene and vinyl chloride in groundwater indicated that the biodegradation process is stalling and may need reevaluation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/21/2008
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2008. The groundwater monitoring was performed in accordance with Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/16/2009
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2008. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. DTSC noted in its approval letter that there is an absence of data suggesting that natural attenuation is occurring at the Site, and DTSC indicated concern that the current groundwater monitoring program is not set up appropriately to demonstrate stability of the plume for the monitored natural attenuation program being implemented. It was recommended that the selected remedy should be reevaluated if volatile organic compound concentrations did not show signs of declining by the end of 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/28/2009
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is

SIMPSON REDWOOD CO. (Continued) **S102564437**

occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/15/2009
Comments: The report presents the results of groundwater monitoring activities for the second quarter 2009. The groundwater monitoring was performed in accordance with Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site; however, the chemicals of concern remain elevated above Site cleanup goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/03/2010
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2010
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. DTSC reiterated the previous comment that laboratory chain-of-custody documents include the sample preservation temperature.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/11/2011
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report recommends that the groundwater sampling frequency change from quarterly to annually, but notes that the DTSC response to this recommendation is anticipated in response the Five Year Review Report submitted to DTSC on January 29, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/11/2011
Comments: The report presents the results of groundwater monitoring activities

SIMPSON REDWOOD CO. (Continued) **S102564437**

for the fourth quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. Responses to DTSC comments on the second five-year review report were included as Section 5.0 of the groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2011
Comments: This is the last report where quarterly sampling reports are provided under Monitoring and Reporting Program No. R1-2008-0034. A new semiannual groundwater monitoring program is to be established for the Site, in which sampling occurs in April and October, and the new monitoring program is to begin in October 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/12/2011
Comments: The report presents the results of groundwater monitoring activities for the second quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report notes the Five Year Review Report submitted to DTSC on January 29, 2010 includes the recommendation to change from quarterly to annual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/13/2011
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report notes the Five Year Review Report submitted to DTSC on January 29, 2010 includes the recommendation to change from quarterly to annual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 07/18/2011
Comments: The North Coast Regional Water Quality Control Board issued Monitoring and Reporting Program No. R1-2011-0074, which replaced Monitoring and Reporting Program No. R1-2008-0034 and reduced the sampling frequency from quarterly to semiannual with sampling events scheduled for April and October of each year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Date: 06/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 05/11/2011
Comments: DTSC received a Notice of Cancellation and/or Termination from Simpson Timber Company for the bond associated with the Operations and Maintenance for the groundwater monitoring system, indicating that the financial assurance bond would be replaced with another.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/01/2012
Comments: Draft data tables and figures for the October 6, 2011 semiannual groundwater monitoring event submitted in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/07/2012
Comments: Draft data tables and figures for the October 18, 2012 semiannual groundwater monitoring event submitted in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/09/2015
Comments: An interim report with the results of the April 27, 2015 groundwater monitoring event was submitted to DTSC and the North Coast Regional Water Quality Control Board. The results of this event along with the October 2015 groundwater monitoring event were to be incorporated into the Third Five Year Review Report due in April 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/11/2012
Comments: The 2012 Annual Groundwater Monitoring Report presents the results of groundwater monitoring conducted in October 2011 and April 2012, which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2013
Comments: The 2013 Annual Groundwater Monitoring Report presents the results of groundwater monitoring conducted in October 2012 and April 2013, which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 10/05/2018
Comments: The Third Five-Year Review Report evaluates the implementation, performance, and protectiveness of the monitored natural attenuation remedy at the Site. The Report concludes that the remedy has functioned as intended, that the exposure assumptions remain valid, and that no new information has come to light that calls into question the protectiveness of the remedy. The Report also concludes that the remedy is protective of human health and the environment. DTSC concurred with these conclusions, but did not concur with the recommendation that all monitoring and reporting for the Site be discontinued. DTSC will require additional groundwater monitoring to continue at the Site until the cleanup levels have been met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/09/2015
Comments: Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2015/2016 (July 1, 2015 - June 30, 2016).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/06/2005
Comments: The Five Year Review Report outlines the work conducted at the site, including investigations and remediation activities. It evaluates whether the past remediation has been effective, and proposes recommendations for future activities at the Site to address groundwater contamination. The Five Year Review Report concluded that protection of human health and the environment has been achieved in all areas of the site, except the southern lunchroom area, through the removal and disposal of debris, contaminated soil and groundwater. Two additional monitoring wells (MW-7 and MW-8) were installed in January 2004 in the former south lunchroom area. DTSC concurred with the Five Year Review Report's recommendation to implement a monitored natural attenuation program with sampling on a quarterly basis for one year. After one year, the additional information will be evaluated and used to determine if contaminant concentrations in groundwater are being effectively reduced and if water quality objectives can be achieved in a reasonable timeframe.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/1999
Comments: The Removal Action Workplan Implementation Report documents the excavation and off-site disposal of approximately 8,600 cubic yards

SIMPSON REDWOOD CO. (Continued) **S102564437**

of soil. Some soil was stockpiled on the Site for future reuse and allowed to aerate to further reduce the concentrations of petroleum hydrocarbons. Approximately 1.2 million gallons of water was removed and treated through a transportable treatment unit before being discharged to the Greater Eureka Area (Elk River) Waste Water Treatment Plant. Groundwater will continue be to be monitored as part of the Operations and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/1997
Comments: The Removal Action Workplan provides a site description, summary of investigation activities and results, describes the nature and extent of contamination, identifies and evaluates removal action alternatives, and recommends a removal action alternative to minimize or eliminate the potential for human receptors to be exposed to Site contaminants. The alternative chosen was excavation and off-site disposal of soil and extraction and treatment of groundwater. Groundwater monitoring was to continue at the Site as long as the contaminant concentrations exceed the maximum contaminant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/28/1997
Comments: The Simpson Timber Company Arcata Remanufacturing Plant operated at the Site from 1952 to 1989. Fuel petroleum hydrocarbons, paints, solvents, and Woodlife, a product containing 3 to 5 percent pentachlorophenol were used in plant operatlions. The Preliminary Endangerment Assessment (PEA) was performed to determine if past practices resulted in the release of hazardous materials that could pose a threat to public health or the environment. Twenty-two potential areas of investigation were identified, and an additional area was investigated in response to sampling conducted. Contaminated soil was excavated from seven areas where there was evidence of release. Petroleum hydrocarbons in the form of motor oil and diesel, acetone and cis-1,2-dichloroethene, pentachlorophenol (PCP), and polychlorinated biphenyls were among the chemicals found in soil samples. PCP, cis-1,2-dichloroethene, benzene, toluene, ethyl benzene, and xylenes were also detected in groundwater samples. The PEA recommended further action at the Site, and that a Removal Action Workplan should be developed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/29/2011
Comments: The Second Five Year Review Report was prepared pursuant to Section 2.5 of the Operations and Maintenance Agreement for the Site. It outlines the work that has been conducted at the Site to date, including the investigations and remediation activities. The Addendum to the Second Five Year Review Report recommends changes to the groundwater monitoring program, reducing the frequency from quarterly to semiannually. The Report concluded that protection to human health and the environment has been achieved in all areas of the Site, except for the southern lunchroom area, where volatile organic

SIMPSON REDWOOD CO. (Continued) **S102564437**

compounds at low concentrations remain in groundwater but are believed to be naturally attenuating. DTSC approved the Report as completed on June 29, 2011, when considered as a whole document with the Addendum to the Second Five Year Review Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/15/1997
Comments: The fact sheet includes a Site description, discusses the Site history, and provides information on the cleanup of the Site proposed by the draft Removal Action Workplan. The fact sheet gives the dates for the public comment period and identifies the locations of the the public repositories where the Site documents could be viewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/15/1997
Comments: Notice of public meeting and public comment period concerning the draft Removal Action Workplan and the Proposed Negative Declaration for the Site. The public notice was published in the Times-Standard on September 15, 1997.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/13/2011
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. Responses to DTSC comments on the second five-year review report were included as Section 5.0 of the groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/18/2011
Comments: Letter to Simpson Timber Company from DTSC that outlines the findings of the financial responsibility review, in which it was concluded that Simpson was in violation of the financial responsibility regulations. The letter lists the violation and the manner in which Simpson can come into compliance with the regulations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2009
Comments: Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2009/2010 (July 1, 2009 - June 30, 2010).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Date: 09/19/2011
Comments: The 2013 Annual Groundwater Monitoring Report presents the results of groundwater monitoring conducted in October 2012 and April 2013, which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/06/2012
Comments: Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2012/2013 (July 1, 2012 - June 30, 2013).

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: SIMPSON REDWOOD CO.
Address: FOSTER AVENUE
City,State,Zip: ARCATA, CA 95518
Facility ID: 12240118
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 209
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Sagar Bhatt
Supervisor: Cheryl Prowell
Division Branch: Cleanup Berkeley
Site Code: 200917
Assembly: 02
Senate: 02
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 02/18/1999
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 40.88412 / -124.1079
APN: 505-151-03, 505-151-04, 505-151-05, 505-161-09, 505-161-10, 505-161-29, 505-181-07, 50515103, 50515104, 50515105, 50516109, 50516110, 50516129, 50518107, 506-131-11, 506-231-01, 506-231-02, 506-231-04, 506-231-05, 506-241-16, 50613111, 50623104, 50623105, 50624116
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC: 30019, 30027, 30195, 30448
Confirmed COC: 30019,30027,30195,30448
Potential Description: OTH, SOIL

SIMPSON REDWOOD CO. (Continued) **S102564437**

Alias Name:	FORMER SIMPSON TIMBER CO. RMNFCTNG PLANT
Alias Type:	Alternate Name
Alias Name:	SIMPSON ARCATA
Alias Type:	Alternate Name
Alias Name:	SIMPSON COMMON PAYMASTER COMPANY
Alias Type:	Alternate Name
Alias Name:	SIMPSON REDWOOD
Alias Type:	Alternate Name
Alias Name:	SIMPSON REMANUFACTURING
Alias Type:	Alternate Name
Alias Name:	SIMPSON TIMBER COMPANY
Alias Type:	Alternate Name
Alias Name:	505-151-03
Alias Type:	APN
Alias Name:	505-151-04
Alias Type:	APN
Alias Name:	505-151-05
Alias Type:	APN
Alias Name:	505-161-09
Alias Type:	APN
Alias Name:	505-161-10
Alias Type:	APN
Alias Name:	505-161-29
Alias Type:	APN
Alias Name:	505-181-07
Alias Type:	APN
Alias Name:	50515103
Alias Type:	APN
Alias Name:	50515104
Alias Type:	APN
Alias Name:	50515105
Alias Type:	APN
Alias Name:	50516109
Alias Type:	APN
Alias Name:	50516110
Alias Type:	APN
Alias Name:	50516129
Alias Type:	APN
Alias Name:	50518107
Alias Type:	APN
Alias Name:	506-131-11
Alias Type:	APN
Alias Name:	506-231-01
Alias Type:	APN
Alias Name:	506-231-02
Alias Type:	APN
Alias Name:	506-231-04
Alias Type:	APN
Alias Name:	506-231-05
Alias Type:	APN
Alias Name:	506-241-16
Alias Type:	APN
Alias Name:	50613111
Alias Type:	APN
Alias Name:	50623104
Alias Type:	APN
Alias Name:	50623105

SIMPSON REDWOOD CO. (Continued) **S102564437**

Alias Type: APN
Alias Name: 50624116
Alias Type: APN
Alias Name: 110033609263
Alias Type: EPA (FRS #)
Alias Name: T0602393409
Alias Type: GeoTracker Global ID
Alias Name: 200917
Alias Type: Project Code (Site Code)
Alias Name: 12240118
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 09/11/2013
Comments: DTSC and the North Coast Regional Water Quality Control Board (Water Board) reviewed the request to modify Monitoring and Reporting Program No. R1-2011-0074. The Water Board and DTSC concurred with the justification provided in the request for ceasing semiannual sampling. It was decided that two semiannual sampling events would be performed in 2015, and the results of the sampling would be included in the Third Five Year Review Report due to be submitted in April 2016. The Water Board rescinded Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 05/07/2015
Comments: A financial responsibility review was conducted by DTSC, and no violations were found. Simpson was found to be in compliance with their financial assurance responsibilities, and no response was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 02/12/2018
Comments: A financial responsibility review was conducted by DTSC, and no violations were found. Simpson was found to be in compliance with their financial assurance responsibilities, and no response was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/28/1999
Comments: The Operation and Maintenance Agreement requires the implementation of the DTSC-approved Operation and Maintenance Plan that is included as an exhibit. Under the Plan, six groundwater monitoring wells surrounding the area where soil was excavated and groundwater was extracted require quarterly monitoring. Monitoring is to continue until four successive quarters indicate that no contaminants are present at concentrations greater than the Maximum Contaminants Levels.

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 09/25/1997
Comments: A second amendment to the Voluntary Cleanup Agreement that adds the Simpson Common Paymaster Company as a project proponent. It also included an updated scope of work, revised cost estimate, and an updated schedule.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/18/1999
Comments: DTSC certified that that all appropriate removal/remedial actions have been completed. Groundwater monitoring is required as a part of operation and maintenance activities, in compliance with the Operations and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 11/07/1997
Comments: Based on the Initial Study findings, DTSC concluded no significant environmental impacts would occur from Final Removal Action Workplan implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/21/1997
Comments: This Amendment to the Voluntary Cleanup Agreement, dated February 5, 1997, provides an updated schedule and revised cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/05/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/16/2007
Comments: DTSC sent comments requiring continued quarterly groundwater monitoring as well as the addition of ethane and ethane biodegradation products of volatile organic compounds, including vinyl chloride, to the analytical suite for the quarterly groundwater monitoring. The North Coast Regional Water Quality Control Board had provided Simpson Timber Company with Monitoring and Reporting Program No. R1-2006-0118, which incorporated all the comments sent by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/12/2008
Comments: The report presents the results of groundwater monitoring activities for the second quarter 2008. The groundwater monitoring was performed

SIMPSON REDWOOD CO. (Continued) **S102564437**

in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/23/2008
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2008. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2006-0118. Concentrations of dichloroethene and vinyl chloride in groundwater indicated that the biodegradation process is stalling and may need reevaluation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/21/2008
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2008. The groundwater monitoring was performed in accordance with Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/16/2009
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2008. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. DTSC noted in its approval letter that there is an absence of data suggesting that natural attenuation is occurring at the Site, and DTSC indicated concern that the current groundwater monitoring program is not set up appropriately to demonstrate stability of the plume for the monitored natural attenuation program being implemented. It was recommended that the selected remedy should be reevaluated if volatile organic compound concentrations did not show signs of declining by the end of 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/28/2009
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/15/2009
Comments: The report presents the results of groundwater monitoring activities for the second quarter 2009. The groundwater monitoring was performed in accordance with Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site; however, the chemicals of concern remain elevated above Site cleanup goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/03/2010
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2010
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2009. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. DTSC reiterated the previous comment that laboratory chain-of-custody documents include the sample preservation temperature.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/11/2011
Comments: The report presents the results of groundwater monitoring activities for the first quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report recommends that the groundwater sampling frequency change from quarterly to annually, but notes that the DTSC response to this recommendation is anticipated in response the Five Year Review Report submitted to DTSC on January 29, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/11/2011
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North

SIMPSON REDWOOD CO. (Continued) **S102564437**

Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. Responses to DTSC comments on the second five-year review report were included as Section 5.0 of the groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2011
Comments: This is the last report where quarterly sampling reports are provided under Monitoring and Reporting Program No. R1-2008-0034. A new semiannual groundwater monitoring program is to be established for the Site, in which sampling occurs in April and October, and the new monitoring program is to begin in October 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/12/2011
Comments: The report presents the results of groundwater monitoring activities for the second quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report notes the Five Year Review Report submitted to DTSC on January 29, 2010 includes the recommendation to change from quarterly to annual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/13/2011
Comments: The report presents the results of groundwater monitoring activities for the third quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. The report notes the Five Year Review Report submitted to DTSC on January 29, 2010 includes the recommendation to change from quarterly to annual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 07/18/2011
Comments: The North Coast Regional Water Quality Control Board issued Monitoring and Reporting Program No. R1-2011-0074, which replaced Monitoring and Reporting Program No. R1-2008-0034 and reduced the sampling frequency from quarterly to semiannual with sampling events scheduled for April and October of each year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 06/23/2011
Comments: Not reported

SIMPSON REDWOOD CO. (Continued) **S102564437**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 05/11/2011
Comments: DTSC received a Notice of Cancellation and/or Termination from Simpson Timber Company for the bond associated with the Operations and Maintenance for the groundwater monitoring system, indicating that the financial assurance bond would be replaced with another.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/01/2012
Comments: Draft data tables and figures for the October 6, 2011 semiannual groundwater monitoring event submitted in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/07/2012
Comments: Draft data tables and figures for the October 18, 2012 semiannual groundwater monitoring event submitted in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/09/2015
Comments: An interim report with the results of the April 27, 2015 groundwater monitoring event was submitted to DTSC and the North Coast Regional Water Quality Control Board. The results of this event along with the October 2015 groundwater monitoring event were to be incorporated into the Third Five Year Review Report due in April 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/11/2012
Comments: The 2012 Annual Groundwater Monitoring Report presents the results of groundwater monitoring conducted in October 2011 and April 2012, which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2013
Comments: The 2013 Annual Groundwater Monitoring Report presents the results of

SIMPSON REDWOOD CO. (Continued) **S102564437**

groundwater monitoring conducted in October 2012 and April 2013, which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 10/05/2018
Comments: The Third Five-Year Review Report evaluates the implementation, performance, and protectiveness of the monitored natural attenuation remedy at the Site. The Report concludes that the remedy has functioned as intended, that the exposure assumptions remain valid, and that no new information has come to light that calls into question the protectiveness of the remedy. The Report also concludes that the remedy is protective of human health and the environment. DTSC concurred with these conclusions, but did not concur with the recommendation that all monitoring and reporting for the Site be discontinued. DTSC will require additional groundwater monitoring to continue at the Site until the cleanup levels have been met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/09/2015
Comments: Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2015/2016 (July 1, 2015 - June 30, 2016).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/06/2005
Comments: The Five Year Review Report outlines the work conducted at the site, including investigations and remediation activities. It evaluates whether the past remediation has been effective, and proposes recommendations for future activities at the Site to address groundwater contamination. The Five Year Review Report concluded that protection of human health and the environment has been achieved in all areas of the site, except the southern lunchroom area, through the removal and disposal of debris, contaminated soil and groundwater. Two additional monitoring wells (MW-7 and MW-8) were installed in January 2004 in the former south lunchroom area. DTSC concurred with the Five Year Review Report's recommendation to implement a monitored natural attenuation program with sampling on a quarterly basis for one year. After one year, the additional information will be evaluated and used to determine if contaminant concentrations in groundwater are being effectively reduced and if water quality objectives can be achieved in a reasonable timeframe.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/1999
Comments: The Removal Action Workplan Implementation Report documents the excavation and off-site disposal of approximately 8,600 cubic yards of soil. Some soil was stockpiled on the Site for future reuse and allowed to aerate to further reduce the concentrations of petroleum hydrocarbons. Approximately 1.2 million gallons of water was removed

SIMPSON REDWOOD CO. (Continued) **S102564437**

and treated through a transportable treatment unit before being discharged to the Greater Eureka Area (Elk River) Waste Water Treatment Plant. Groundwater will continue be to be monitored as part of the Operations and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/1997
Comments: The Removal Action Workplan provides a site description, summary of investigation activities and results, describes the nature and extent of contamination, identifies and evaluates removal action alternatives, and recommends a removal action alternative to minimize or eliminate the potential for human receptors to be exposed to Site contaminants. The alternative chosen was excavation and off-site disposal of soil and extraction and treatment of groundwater. Groundwater monitoring was to continue at the Site as long as the contaminant concentrations exceed the maximum contaminant levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/28/1997
Comments: The Simpson Timber Company Arcata Remanufacturing Plant operated at the Site from 1952 to 1989. Fuel petroleum hydrocarbons, paints, solvents, and Woodlife, a product containing 3 to 5 percent pentachlorophenol were used in plant operatlions. The Preliminary Endangerment Assessment (PEA) was performed to determine if past practices resulted in the release of hazardous materials that could pose a threat to public health or the environment. Twenty-two potential areas of investigation were identified, and an additional area was investigated in response to sampling conducted. Contaminated soil was excavated from seven areas where there was evidence of release. Petroleum hydrocarbons in the form of motor oil and diesel, acetone and cis-1,2-dichloroethene, pentachlorophenol (PCP), and polychlorinated biphenyls were among the chemicals found in soil samples. PCP, cis-1,2-dichloroethene, benzene, toluene, ethyl benzene, and xylenes were also detected in groundwater samples. The PEA recommended further action at the Site, and that a Removal Action Workplan should be developed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/29/2011
Comments: The Second Five Year Review Report was prepared pursuant to Section 2.5 of the Operations and Maintenance Agreement for the Site. It outlines the work that has been conducted at the Site to date, including the investigations and remediation activities. The Addendum to the Second Five Year Review Report recommends changes to the groundwater monitoring program, reducing the frequency from quarterly to semiannually. The Report concluded that protection to human health and the environment has been achieved in all areas of the Site, except for the southern lunchroom area, where volatile organic compounds at low concentrations remain in groundwater but are believed to be naturally attenuating. DTSC approved the Report as completed on June 29, 2011, when considered as a whole document with

SIMPSON REDWOOD CO. (Continued) **S102564437**

the Addendum to the Second Five Year Review Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/15/1997
Comments: The fact sheet includes a Site description, discusses the Site history, and provides information on the cleanup of the Site proposed by the draft Removal Action Workplan. The fact sheet gives the dates for the public comment period and identifies the locations of the the public repositories where the Site documents could be viewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/15/1997
Comments: Notice of public meeting and public comment period concerning the draft Removal Action Workplan and the Proposed Negative Declaration for the Site. The public notice was published in the Times-Standard on September 15, 1997.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/13/2011
Comments: The report presents the results of groundwater monitoring activities for the fourth quarter 2010. The groundwater monitoring was performed in accordance with the Regional Water Quality Control Board, North Coast Region, Monitoring and Reporting Program No. R1-2008-0034. The report concluded that natural degradation of contaminants is occurring at the site. Responses to DTSC comments on the second five-year review report were included as Section 5.0 of the groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/18/2011
Comments: Letter to Simpson Timber Company from DTSC that outlines the findings of the financial responsibility review, in which it was concluded that Simpson was in violation of the financial responsibility regulations. The letter lists the violation and the manner in which Simpson can come into compliance with the regulations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2009
Comments: Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2009/2010 (July 1, 2009 - June 30, 2010).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/19/2011
Comments: The 2013 Annual Groundwater Monitoring Report presents the results of groundwater monitoring conducted in October 2012 and April 2013,

SIMPSON REDWOOD CO. (Continued) **S102564437**

which was performed in accordance with Regional Water Quality Control Board Monitoring and Reporting Program No. R1-2011-0074.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	11/06/2012
Comments:	Annual DTSC oversight cost estimate letter to Simpson Timber Company for fiscal year 2012/2013 (July 1, 2012 - June 30, 2013).
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ARCATA	S104857214	S&H AUTO WRECKERS	ALLIANCE ROAD 3028		LUST
ARCATA	S101294716	HUMBOLDT STATE UNIV-GIST HALL	B STREET & PINE ST.		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 9

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 03/02/2022
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/10/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/11/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/24/2022
Date Data Arrived at EDR: 02/25/2022
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 84

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/03/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/27/2022
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/14/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/26/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/03/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/17/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 12/01/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 77

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 03/10/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 03/10/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/10/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/04/2022
Number of Days to Update: 83

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 85

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 77

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/25/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/10/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/11/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

11228577.5.3.5 - ARCATA, CA
MULITPLE - ARCATA, CA
ARCATA, CA 95521

TARGET PROPERTY COORDINATES

Latitude (North):	40.870322 - 40ˆ 52’ 13.16’’
Longitude (West):	124.091789 - 124ˆ 5’ 30.44’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	407995.9
UTM Y (Meters):	4524723.5
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12014174 ARCATA SOUTH, CA
Version Date:	2018
North Map:	12014172 ARCATA NORTH, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

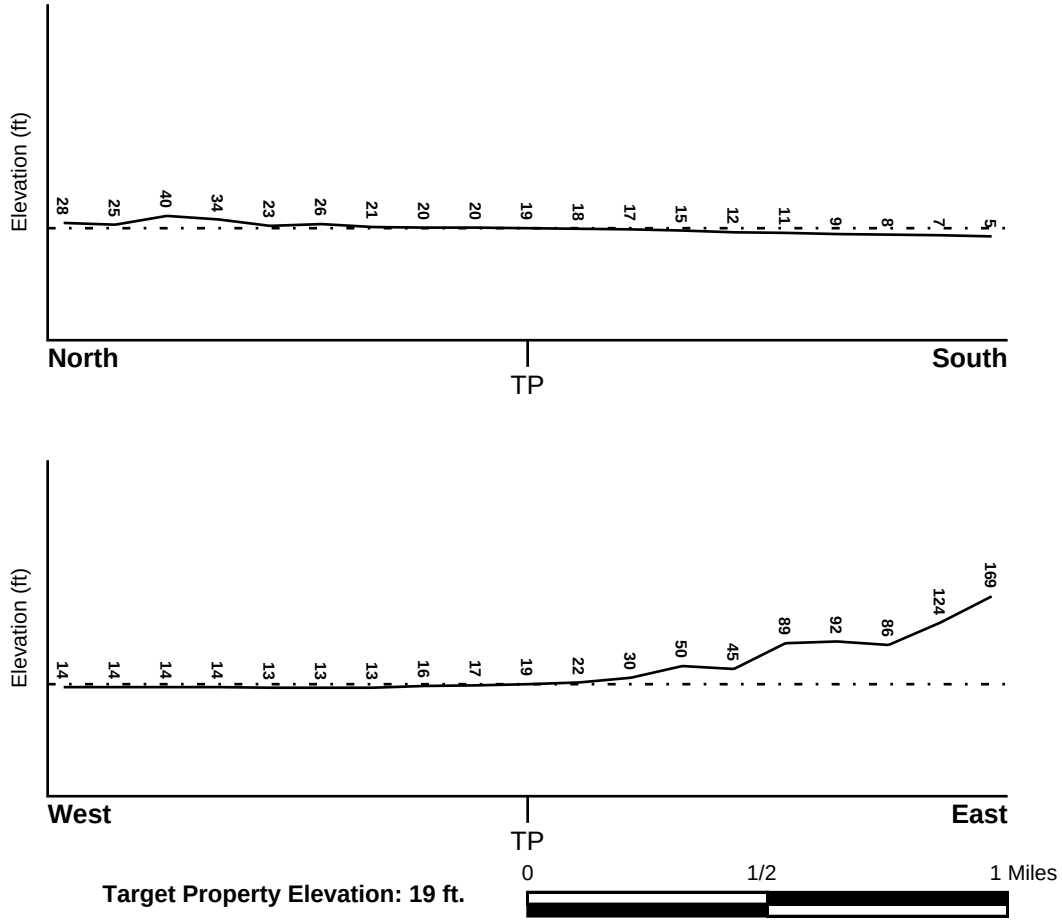
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 19 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
0600610004D	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
0600600615C	FEMA Q3 Flood data
0600610002D	FEMA Q3 Flood data
0600600780B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ARCATA SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	FERNDALE
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	21 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60
2	21 inches	61 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.40
3	61 inches	80 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam
very gravelly - sand
loam
sand
sandy loam

Surficial Soil Types: silty clay loam
very gravelly - sand
loam
sand
sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy clay loam
stratified
silty clay loam
sand
silt loam
coarse sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
131	USGS40000194697	1/4 - 1/2 Mile South
T205	USGS40000194707	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
174	CA1200726	1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000116755	0 - 1/8 Mile South
A2	CAEDF0000111947	0 - 1/8 Mile South
A3	CAEDF0000036060	0 - 1/8 Mile WSW
A4	CAEDF0000055249	0 - 1/8 Mile WSW
A5	CAEDF0000108187	0 - 1/8 Mile WSW
A6	CAEDF0000052704	0 - 1/8 Mile WNW
A7	CAEDF0000045970	0 - 1/8 Mile WNW
A8	CAEDF0000095341	0 - 1/8 Mile NW
A9	CAEDF0000083462	0 - 1/8 Mile NW
A10	CAEDF0000133173	0 - 1/8 Mile WNW
A11	CAEDF0000106107	0 - 1/8 Mile WNW
A12	CAEDF0000070636	0 - 1/8 Mile WNW
A13	CAEDF0000081910	0 - 1/8 Mile WNW
A14	CAEDF0000053234	0 - 1/8 Mile WNW
A15	CAEDF0000085096	0 - 1/8 Mile WNW
A16	CAEDF0000111733	0 - 1/8 Mile West
A17	CAEDF0000123511	0 - 1/8 Mile West
A18	CAEDF0000074835	0 - 1/8 Mile WNW
A19	CAEDF0000130396	0 - 1/8 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A20	CAEDF0000133949	0 - 1/8 Mile WNW
A21	CAEDF0000092201	0 - 1/8 Mile WNW
A22	CAEDF0000118511	0 - 1/8 Mile WNW
A23	CAEDF0000073805	0 - 1/8 Mile NW
A24	CAEDF0000110794	0 - 1/8 Mile NW
A25	CAEDF0000048220	0 - 1/8 Mile WNW
A26	CAEDF0000113775	0 - 1/8 Mile NNE
A27	CAEDF0000067932	0 - 1/8 Mile NNE
A28	CAEDF0000012129	0 - 1/8 Mile WNW
A29	CAEDF0000069490	0 - 1/8 Mile WNW
A30	CAEDF0000131236	0 - 1/8 Mile WNW
A31	CAEDF0000020944	0 - 1/8 Mile WNW
A32	CAEDF0000033135	0 - 1/8 Mile WNW
A33	CAEDF0000137303	0 - 1/8 Mile West
A34	CAEDF0000085148	0 - 1/8 Mile West
A35	CAEDF0000008368	0 - 1/8 Mile ENE
A36	CAEDF0000010760	0 - 1/8 Mile WNW
A37	CAEDF0000081911	0 - 1/8 Mile WNW
A38	CAEDF0000101456	0 - 1/8 Mile WNW
B39	CAEDF0000120149	0 - 1/8 Mile NE
B40	CAEDF0000033479	0 - 1/8 Mile NNE
B41	CAEDF0000069489	0 - 1/8 Mile NNE
B42	CAEDF0000136253	0 - 1/8 Mile NNE
B43	CAEDF0000068256	0 - 1/8 Mile NNE
B44	CAEDF0000136610	0 - 1/8 Mile NNE
B45	CAEDF0000097340	0 - 1/8 Mile NNE
B46	CAEDF0000091943	0 - 1/8 Mile NNE
B47	CAEDF0000003447	0 - 1/8 Mile NNE
B48	CAEDF0000059801	0 - 1/8 Mile NNE
B49	CAEDF0000045820	0 - 1/8 Mile NE
B50	CAEDF0000126019	0 - 1/8 Mile NNE
C51	CAEDF0000105439	1/8 - 1/4 Mile ENE
B52	CAEDF0000128612	1/8 - 1/4 Mile ENE
C53	CAEDF0000143643	1/8 - 1/4 Mile ENE
C54	CAEDF0000093304	1/8 - 1/4 Mile ENE
C55	CAEDF0000116754	1/8 - 1/4 Mile ENE
C56	CAEDF0000062894	1/8 - 1/4 Mile ENE
C57	CAEDF0000048731	1/8 - 1/4 Mile ENE
C58	CAEDF0000040513	1/8 - 1/4 Mile ENE
C59	CAEDF0000062880	1/8 - 1/4 Mile ENE
C60	CAEDF0000135047	1/8 - 1/4 Mile ENE
D61	CAEDF0000085150	1/8 - 1/4 Mile NNE
D62	CAEDF0000091341	1/8 - 1/4 Mile NNE
D63	CAEDF0000129974	1/8 - 1/4 Mile NNE
D64	CAEDF0000048380	1/8 - 1/4 Mile NNE
D65	CAEDF0000070635	1/8 - 1/4 Mile NNE
E66	CAEDF0000071656	1/8 - 1/4 Mile ESE
E67	CAEDF0000130823	1/8 - 1/4 Mile ESE
E68	CAEDF0000083926	1/8 - 1/4 Mile ESE
E69	CAEDF0000038445	1/8 - 1/4 Mile ESE
E70	CAEDF0000096165	1/8 - 1/4 Mile ESE
E71	CAEDF0000118396	1/8 - 1/4 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E72	CAEDF0000118084	1/8 - 1/4 Mile ESE
E73	CAEDF0000105896	1/8 - 1/4 Mile ESE
E74	CAEDF0000080093	1/8 - 1/4 Mile ESE
F75	CAEDF0000139379	1/8 - 1/4 Mile SE
E76	CAEDF0000011241	1/8 - 1/4 Mile SE
F77	CAEDF0000045821	1/8 - 1/4 Mile SE
F78	CAEDF0000067060	1/4 - 1/2 Mile SE
F79	CAEDF0000143576	1/4 - 1/2 Mile SE
F80	CAEDF0000056182	1/4 - 1/2 Mile SE
81	CADWR0000001254	1/4 - 1/2 Mile North
G82	CAEDF0000099369	1/4 - 1/2 Mile SW
G83	CAEDF0000069407	1/4 - 1/2 Mile SW
G84	CAEDF0000024081	1/4 - 1/2 Mile SW
G85	CAEDF0000075832	1/4 - 1/2 Mile SW
H86	CAEDF0000134057	1/4 - 1/2 Mile South
H87	CAEDF0000017055	1/4 - 1/2 Mile South
H88	CAEDF0000081401	1/4 - 1/2 Mile SSE
H89	CAEDF0000143025	1/4 - 1/2 Mile South
H90	CAEDF0000085849	1/4 - 1/2 Mile South
H91	CAEDF0000073802	1/4 - 1/2 Mile SSE
H92	CAEDF0000131779	1/4 - 1/2 Mile South
I93	CAEDF0000129489	1/4 - 1/2 Mile SE
H94	CAEDF0000077145	1/4 - 1/2 Mile South
H95	CAEDF0000074836	1/4 - 1/2 Mile South
H96	CAEDF0000002697	1/4 - 1/2 Mile SSE
I97	CAEDF0000065687	1/4 - 1/2 Mile SE
I98	CAEDF0000084718	1/4 - 1/2 Mile SE
I99	CAEDF0000052837	1/4 - 1/2 Mile SE
I100	CAEDF0000013392	1/4 - 1/2 Mile SE
I101	CAEDF0000091945	1/4 - 1/2 Mile SE
I102	CAEDF0000092198	1/4 - 1/2 Mile SE
I103	CAEDF0000014646	1/4 - 1/2 Mile SE
I104	CAEDF0000041382	1/4 - 1/2 Mile SE
I105	CAEDF0000109209	1/4 - 1/2 Mile SE
I106	CAEDF0000041380	1/4 - 1/2 Mile SE
I107	CAEDF0000030846	1/4 - 1/2 Mile SE
I108	CAEDF0000020853	1/4 - 1/2 Mile SE
I109	CAEDF0000083231	1/4 - 1/2 Mile SE
I110	CAEDF0000122936	1/4 - 1/2 Mile SE
I111	CAEDF0000038295	1/4 - 1/2 Mile ESE
I112	CAEDF0000004666	1/4 - 1/2 Mile SE
I113	CAEDF0000126043	1/4 - 1/2 Mile SE
I114	CAEDF0000142732	1/4 - 1/2 Mile SE
I115	CAEDF0000095342	1/4 - 1/2 Mile SE
I116	CAEDF0000121729	1/4 - 1/2 Mile SE
I117	CAEDF0000040318	1/4 - 1/2 Mile ESE
I118	CAEDF0000139561	1/4 - 1/2 Mile SE
I119	CAEDF0000022012	1/4 - 1/2 Mile SE
I120	CAEDF0000133621	1/4 - 1/2 Mile SE
I121	CAEDF0000050510	1/4 - 1/2 Mile SE
I122	CAEDF0000105271	1/4 - 1/2 Mile ESE
I123	CAEDF0000114116	1/4 - 1/2 Mile SE

STATE DATABASE WELL INFORMATION

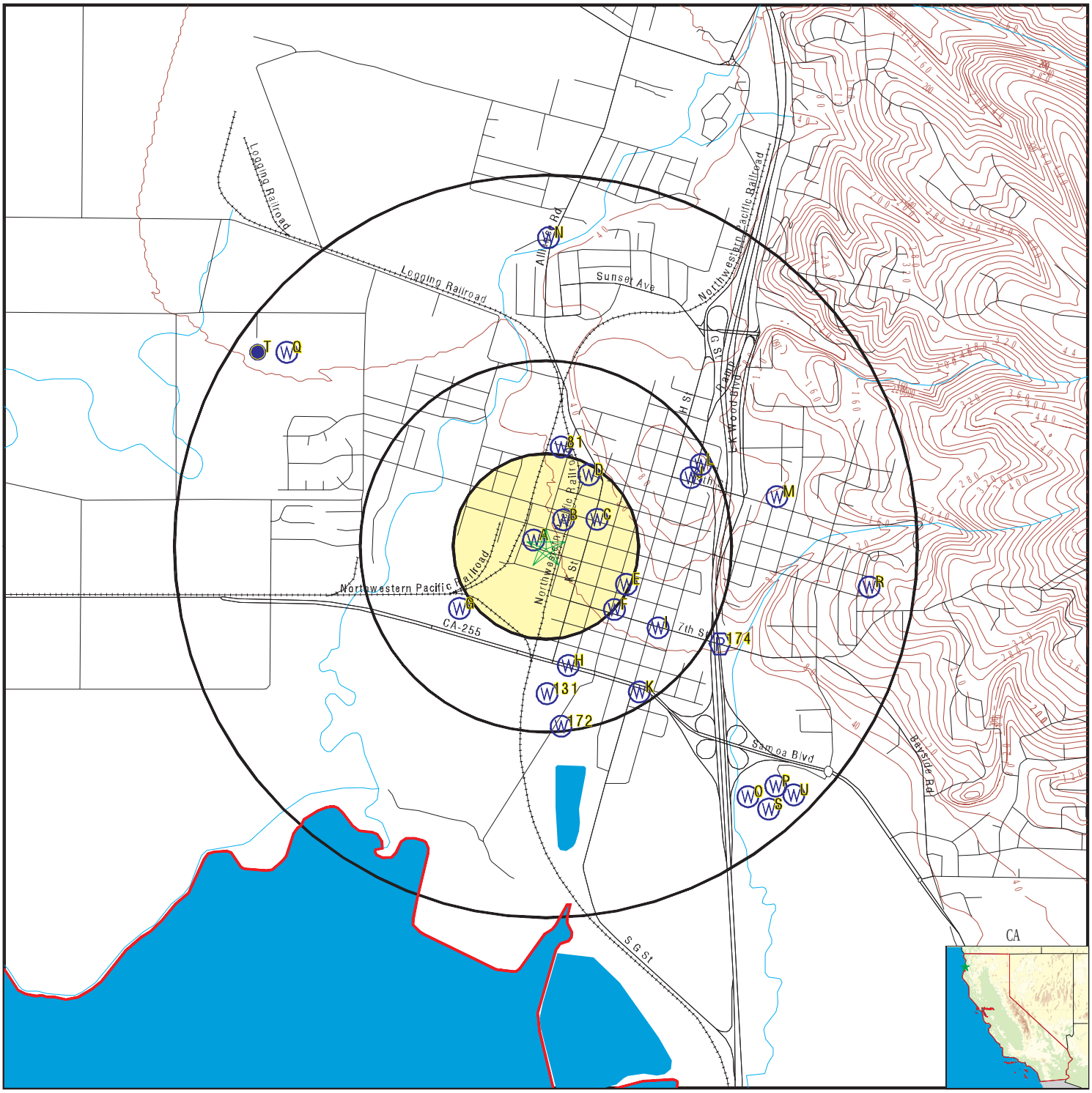
MAP ID	WELL ID	LOCATION FROM TP
I124	CAEDF0000051356	1/4 - 1/2 Mile SE
I125	CAEDF0000122871	1/4 - 1/2 Mile SE
I126	CAEDF0000071104	1/4 - 1/2 Mile SE
I127	CAEDF0000011730	1/4 - 1/2 Mile ESE
J128	CAEDF0000001336	1/4 - 1/2 Mile ENE
I129	CAEDF0000125166	1/4 - 1/2 Mile SE
J130	CAEDF0000038162	1/4 - 1/2 Mile ENE
I132	CAEDF0000069705	1/4 - 1/2 Mile SE
J133	CAEDF0000062784	1/4 - 1/2 Mile ENE
J134	CAEDF0000050764	1/4 - 1/2 Mile ENE
J135	CAEDF0000130906	1/4 - 1/2 Mile ENE
J136	CAEDF0000009279	1/4 - 1/2 Mile ENE
J137	CAEDF0000047528	1/4 - 1/2 Mile ENE
J138	CAEDF0000098094	1/4 - 1/2 Mile ENE
J139	CAEDF0000070295	1/4 - 1/2 Mile ENE
J140	CAEDF0000060168	1/4 - 1/2 Mile ENE
J141	CAEDF0000041135	1/4 - 1/2 Mile ENE
J142	CAEDF0000092310	1/4 - 1/2 Mile ENE
J143	CAEDF0000058968	1/4 - 1/2 Mile ENE
J144	CAEDF0000117822	1/4 - 1/2 Mile ENE
J145	CAEDF0000062310	1/4 - 1/2 Mile ENE
J146	CAEDF0000092255	1/4 - 1/2 Mile ENE
J147	CAEDF0000005286	1/4 - 1/2 Mile ENE
J148	CAEDF0000129923	1/4 - 1/2 Mile ENE
J149	CAEDF0000015934	1/4 - 1/2 Mile ENE
J150	CAEDF0000045173	1/4 - 1/2 Mile ENE
J151	CAEDF0000133271	1/4 - 1/2 Mile ENE
J152	CAEDF0000096056	1/4 - 1/2 Mile ENE
J153	CAEDF0000016176	1/4 - 1/2 Mile ENE
J154	CAEDF0000105147	1/4 - 1/2 Mile ENE
J155	CAEDF0000022486	1/4 - 1/2 Mile ENE
K156	CAEDF0000000490	1/4 - 1/2 Mile SE
J157	CAEDF0000138491	1/4 - 1/2 Mile ENE
J158	CAEDF0000118951	1/4 - 1/2 Mile ENE
J159	CAEDF0000122897	1/4 - 1/2 Mile ENE
J160	CAEDF0000107501	1/4 - 1/2 Mile ENE
J161	CAEDF0000034262	1/4 - 1/2 Mile ENE
J162	CAEDF0000010021	1/4 - 1/2 Mile ENE
J163	CAEDF0000049565	1/4 - 1/2 Mile ENE
L164	CAEDF0000018027	1/4 - 1/2 Mile ENE
L165	CAEDF0000082587	1/4 - 1/2 Mile ENE
K166	CAEDF0000099209	1/4 - 1/2 Mile SSE
K167	CAEDF0000099208	1/4 - 1/2 Mile SSE
K168	CAEDF0000046754	1/4 - 1/2 Mile SSE
L169	CAEDF0000072557	1/4 - 1/2 Mile ENE
L170	CAEDF0000112195	1/4 - 1/2 Mile ENE
L171	CAEDF0000006220	1/4 - 1/2 Mile ENE
172	CADWR0000025177	1/4 - 1/2 Mile South
K173	CAEDF0000007504	1/4 - 1/2 Mile SSE
M175	CAEDF0000087098	1/2 - 1 Mile ENE
M176	CAEDF0000116275	1/2 - 1 Mile ENE
M177	CAEDF0000038786	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M178	CAEDF0000095834	1/2 - 1 Mile ENE
M179	CAEDF0000121484	1/2 - 1 Mile ENE
M180	CAEDF0000088000	1/2 - 1 Mile East
M181	CAEDF0000072864	1/2 - 1 Mile ENE
M182	CAEDF0000121532	1/2 - 1 Mile East
N183	CAEDF0000033138	1/2 - 1 Mile North
N184	CAEDF0000075466	1/2 - 1 Mile North
N185	CAEDF0000098492	1/2 - 1 Mile North
N186	CAEDF0000094098	1/2 - 1 Mile North
N187	CAEDF0000047349	1/2 - 1 Mile North
N188	CAEDF0000110455	1/2 - 1 Mile North
N189	CAEDF0000135202	1/2 - 1 Mile North
O190	CAEDF0000048221	1/2 - 1 Mile SE
N191	CAEDF0000041618	1/2 - 1 Mile North
P192	CAEDF0000105198	1/2 - 1 Mile SE
Q193	CADWR0000008133	1/2 - 1 Mile NW
R194	CAEDF0000041971	1/2 - 1 Mile East
R195	CAEDF0000077802	1/2 - 1 Mile East
Q196	CADDW0000014321	1/2 - 1 Mile NW
R197	CAEDF0000040549	1/2 - 1 Mile East
O198	CAEDF0000006062	1/2 - 1 Mile SE
P199	CAEDF0000123447	1/2 - 1 Mile SE
S200	CAEDF0000033710	1/2 - 1 Mile SE
P201	CAEDF0000034658	1/2 - 1 Mile SE
S202	CAEDF0000040319	1/2 - 1 Mile SE
T203	6488	1/2 - 1 Mile NW
U204	CAEDF0000038676	1/2 - 1 Mile SE
U206	CAEDF0000005874	1/2 - 1 Mile SE
U207	CAEDF0000035662	1/2 - 1 Mile SE
S208	CAEDF0000091340	1/2 - 1 Mile SE
U209	CAEDF0000072964	1/2 - 1 Mile SE
U210	CAEDF0000014271	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 6904913.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	11228577.5.3.5 - Arcata, CA	CLIENT:	GHD Inc.
ADDRESS:	Mulitple - ARCATA, CA Arcata CA 95521	CONTACT:	Matt Tolley
		INQUIRY #:	6904913.2s
LAT/LONG:	40.870322 / 124.091789	DATE:	March 18, 2022 4:23 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
South
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000116755**

Well ID:	T10000002709-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-6		

A2
South
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000111947**

Well ID:	T0602300054-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-6		

A3
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000036060**

Well ID:	T0602300054-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-5		

A4
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000055249**

Well ID:	T10000002709-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000108187**

Well ID:	T0602300054-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-4		

A6
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000052704**

Well ID:	T10000002709-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-2		

A7
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000045970**

Well ID:	T0602300054-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-2		

A8
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000095341**

Well ID:	T10000002709-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000083462**

Well ID:	T0602300054-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-9		

A10
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000133173**

Well ID:	T0602300054-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-1		

A11
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000106107**

Well ID:	T10000002709-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-1		

A12
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000070636**

Well ID:	T10000002709-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-20		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A13
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000081910**

Well ID:	T10000002709-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-19		

A14
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000053234**

Well ID:	T0602300054-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-10		

A15
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000085096**

Well ID:	T10000002709-MW-19D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-19D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-19D		

A16
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000111733**

Well ID:	T0602300054-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A17
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000123511**

Well ID:	T10000002709-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-11		

A18
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000074835**

Well ID:	T10000002709-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-21		

A19
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000130396**

Well ID:	T10000002709-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-23		

A20
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000133949**

Well ID:	T10000002709-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-18		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A21
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000092201**

Well ID:	T10000002709-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-22		

A22
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000118511**

Well ID:	T10000002709-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-17		

A23
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000073805**

Well ID:	T0602300054-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-8		

A24
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000110794**

Well ID:	T10000002709-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A25
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000048220**

Well ID:	T10000002709-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-16		

A26
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000113775**

Well ID:	T0602300016-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-2		

A27
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000067932**

Well ID:	T0602300016-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-2A		

A28
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000012129**

Well ID:	T10000002709-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-24		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A29
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000069490**

Well ID:	T10000002709-MW-7D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-7D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-7D		

A30
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000131236**

Well ID:	T10000002709-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-7		

A31
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000020944**

Well ID:	T0602300054-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-7		

A32
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000033135**

Well ID:	T10000002709-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A33
West
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000137303**

Well ID:	T10000002709-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-13		

A34
West
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000085148**

Well ID:	T0602300054-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-13		

A35
ENE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000008368**

Well ID:	T0602300016-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-8		

A36
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000010760**

Well ID:	T10000002709-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A37
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000081911**

Well ID:	T0602300054-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300054&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300054&assigned_name=MW-12		

A38
WNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000101456**

Well ID:	T10000002709-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002709&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002709&assigned_name=MW-15		

B39
NE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000120149**

Well ID:	T0602300016-VE-8	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-8		

B40
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000033479**

Well ID:	T0602300016-VE-6	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B41
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000069489**

Well ID:	T0602300016-VE-7	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-7		

B42
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000136253**

Well ID:	T0602300016-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-6		

B43
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000068256**

Well ID:	T0602300016-VE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-3		

B44
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000136610**

Well ID:	T0602300016-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B45
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000097340**

Well ID:	T0602300016-VE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-4		

B46
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000091943**

Well ID:	T0602300016-VE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-2		

B47
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000003447**

Well ID:	T0602300016-VE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=VE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=VE-5		

B48
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000059801**

Well ID:	T0602300016-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B49
NE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000045820**

Well ID:	T0602300016-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-5		

B50
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000126019**

Well ID:	T0602300016-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300016&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300016&assigned_name=MW-4		

C51
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000105439**

Well ID:	T0602300332-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-7		

B52
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000128612**

Well ID:	T0602300332-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C53
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000143643**

Well ID:	T0602300332-B-15	Well Type:	MONITORING
Source:	EDF	Other Name:	B-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=B-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=B-15		

C54
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000093304**

Well ID:	T0602300332-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-5		

C55
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000116754**

Well ID:	T0602300332-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-4A		

C56
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000062894**

Well ID:	T0602300332-MW-4B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-4B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C57
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000048731**

Well ID:	T0602300332-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=B-13		

C58
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000040513**

Well ID:	T0602300332-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-3		

C59
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000062880**

Well ID:	T0602300332-B-14	Well Type:	MONITORING
Source:	EDF	Other Name:	B-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=B-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=B-14		

C60
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000135047**

Well ID:	T0602300332-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300332&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300332&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D61
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000085150**

Well ID:	T0602300356-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300356&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300356&assigned_name=MW-4		

D62
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000091341**

Well ID:	T0602300356-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300356&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300356&assigned_name=MW-2		

D63
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000129974**

Well ID:	T0602300356-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300356&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300356&assigned_name=MW-1		

D64
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000048380**

Well ID:	T0602300356-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300356&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300356&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D65
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000070635**

Well ID:	T0602300356-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300356&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300356&assigned_name=MW-3		

E66
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000071656**

Well ID:	SL0602394358-WP-102	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-102
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=WP-102&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=WP-102		

E67
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000130823**

Well ID:	SL0602394358-WP-101	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-101
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=WP-101&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=WP-101		

E68
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000083926**

Well ID:	SL0602394358-WP-104	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-104
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=WP-104&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=WP-104		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E69
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000038445**

Well ID:	SL0602394358-WP-105	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-105
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=WP-105&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=WP-105		

E70
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000096165**

Well ID:	SL0602394358-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=MW-4		

E71
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000118396**

Well ID:	SL0602394358-WP-103	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-103
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=WP-103&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=WP-103		

E72
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000118084**

Well ID:	T0602384739-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602384739&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602384739&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E73
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000105896**

Well ID:	SL0602394358-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=MW-5		

E74
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000080093**

Well ID:	SL0602394358-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602394358&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602394358&assigned_name=MW-6		

F75
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000139379**

Well ID:	T0602306416-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-5		

E76
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000011241**

Well ID:	T0602306416-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F77
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000045821**

Well ID:	T0602306416-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-6		

F78
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000067060**

Well ID:	T0602306416-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-3		

F79
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000143576**

Well ID:	T0602306416-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-1		

F80
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000056182**

Well ID:	T0602306416-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602306416&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602306416&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

81
North
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000001254**

Well ID:	06N01E29L001H	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06N01E29L001H	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06N01E29L001H&store_num=		
GeoTracker Data:	Not Reported		

G82
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000099369**

Well ID:	T0602393109-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393109&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393109&assigned_name=MW-3		

G83
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000069407**

Well ID:	T0602393109-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393109&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393109&assigned_name=MW-4		

G84
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000024081**

Well ID:	T0602393109-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393109&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393109&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G85
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000075832**

Well ID:	T0602393109-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393109&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393109&assigned_name=MW-2		

H86
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000134057**

Well ID:	T0602300231-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-4		

H87
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000017055**

Well ID:	T0602300231-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-3		

H88
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000081401**

Well ID:	T0602300231-HP-1	Well Type:	MONITORING
Source:	EDF	Other Name:	HP-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=HP-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=HP-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H89
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000143025**

Well ID:	T0602300231-HP-2	Well Type:	MONITORING
Source:	EDF	Other Name:	HP-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=HP-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=HP-2		

H90
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000085849**

Well ID:	T0602300231-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-2		

H91
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000073802**

Well ID:	T0602300231-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-1		

H92
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000131779**

Well ID:	T0602300231-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I93
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000129489**

Well ID:	T0602300418-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-14		

H94
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077145**

Well ID:	T0602300231-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-6		

H95
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000074836**

Well ID:	T0602300231-HP-3	Well Type:	MONITORING
Source:	EDF	Other Name:	HP-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=HP-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=HP-3		

H96
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000002697**

Well ID:	T0602300231-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300231&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300231&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I97
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000065687**

Well ID:	T0602300418-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-7		

I98
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000084718**

Well ID:	T0602300418-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-4		

I99
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000052837**

Well ID:	T0602300418-SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=SVE-1		

I100
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000013392**

Well ID:	T0602300418-MW-4RB	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4RB
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-4RB&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-4RB		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I101
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000091945**

Well ID:	T0602300418-MW-3RB	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3RB
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-3RB&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-3RB		

I102
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000092198**

Well ID:	T0602300418-MW-4RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-4RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-4RA		

I103
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000014646**

Well ID:	T0602300418-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-10		

I104
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000041382**

Well ID:	T0602300418-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I105
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000109209**

Well ID:	T0602300418-SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=SVE-3		

I106
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000041380**

Well ID:	T0602300418-MW-3RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-3RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-3RA		

I107
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000030846**

Well ID:	T0602300418-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-3		

I108
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000020853**

Well ID:	T0602300418-SVE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=SVE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=SVE-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I109
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000083231**

Well ID:	T0602300418-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2		

I110
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000122936**

Well ID:	T0602300418-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-9		

I111
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000038295**

Well ID:	T0602300418-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-1		

I112
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000004666**

Well ID:	T0602300418-SVE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=SVE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=SVE-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I113
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000126043**

Well ID:	T0602300418-MW-2RB	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2RB
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2RB&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2RB		

I114
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000142732**

Well ID:	T0602300418-MW-2RD	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2RD
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2RD&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2RD		

I115
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000095342**

Well ID:	T0602300418-MW-2RC	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2RC
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2RC&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2RC		

I116
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000121729**

Well ID:	T0602300418-MW-2RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2RA		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I117
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000040318**

Well ID:	T0602393548-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393548&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393548&assigned_name=MW-1		

I118
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000139561**

Well ID:	T0602300418-MW-16B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-16B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-16B		

I119
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000022012**

Well ID:	T0602300418-MW-16A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-16A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-16A		

I120
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133621**

Well ID:	T0602300418-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-2A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I121
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000050510**

Well ID:	T0602393548-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393548&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393548&assigned_name=MW-2		

I122
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000105271**

Well ID:	T0602300418-MW-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-1A		

I123
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000114116**

Well ID:	T0602300418-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-11		

I124
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000051356**

Well ID:	T0602300418-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I125
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000122871**

Well ID:	T0602300418-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-8		

I126
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000071104**

Well ID:	T0602300418-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-12		

I127
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000011730**

Well ID:	T0602393548-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393548&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393548&assigned_name=MW-3		

J128
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000001336**

Well ID:	T0602300156-GW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	GW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=GW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=GW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I129
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000125166**

Well ID:	T0602300418-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300418&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300418&assigned_name=MW-13		

J130
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000038162**

Well ID:	T0602300156-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-18		

131
South
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000194697**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N001E32F001H	Type:	Well
Description:	Not Reported	HUC:	18010102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	640
Well Hole Depth Units:	ft		

I132
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000069705**

Well ID:	T0602393548-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393548&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393548&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J133
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000062784**

Well ID:	T0602300156-MW-11PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-11PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-11PZ		

J134
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000050764**

Well ID:	T0602300156-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-11		

J135
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000130906**

Well ID:	T0602300156-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-15		

J136
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000009279**

Well ID:	T0602300156-4398-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J137
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000047528**

Well ID:	T0602300156-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-1R		

J138
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000098094**

Well ID:	T0602300156-MW-1PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-1PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-1PZ		

J139
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000070295**

Well ID:	T0602300156-MW-2PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-2PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-2PZ		

J140
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000060168**

Well ID:	T0602300156-4398-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J141
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000041135**

Well ID:	T0602300156-MW-2R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-2R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-2R		

J142
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000092310**

Well ID:	T0602300156-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-16		

J143
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000058968**

Well ID:	T0602300156-MW-16PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-16PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-16PZ		

J144
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000117822**

Well ID:	T0602300156-4398-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J145
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000062310**

Well ID:	T0602300156-MW-5PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-5PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-5PZ		

J146
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000092255**

Well ID:	T0602300156-MW-14PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-14PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-14PZ		

J147
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000005286**

Well ID:	T0602300156-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-14		

J148
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000129923**

Well ID:	T0602300156-MW-13PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-13PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-13PZ		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J149
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000015934**

Well ID:	T0602300156-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-13		

J150
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000045173**

Well ID:	T0602300156-4398-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW3		

J151
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133271**

Well ID:	T0602300156-MW-12PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-12PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-12PZ		

J152
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000096056**

Well ID:	T0602300156-MW-3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-3R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-3R		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J153
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000016176**

Well ID:	T0602300156-MW-3PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-3PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-3PZ		

J154
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000105147**

Well ID:	T0602300156-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-10		

J155
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000022486**

Well ID:	T0602300156-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-12		

K156
SE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000000490**

Well ID:	T0602383955-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602383955&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602383955&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J157
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000138491**

Well ID:	T0602300156-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-17		

J158
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000118951**

Well ID:	T0602300156-MW-6PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-6PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-6PZ		

J159
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000122897**

Well ID:	T0602300156-4398-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW6		

J160
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000107501**

Well ID:	T0602300156-GW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	GW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=GW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=GW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J161
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000034262**

Well ID:	T0602300156-MW-4R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-4R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-4R		

J162
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000010021**

Well ID:	T0602300156-MW-4PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-4PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-4PZ		

J163
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000049565**

Well ID:	T0602300156-4398-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW4		

L164
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000018027**

Well ID:	T0602300156-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L165
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000082587**

Well ID:	T0602300156-MW-9PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-9PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-9PZ		

K166
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000099209**

Well ID:	T060237918-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060237918&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060237918&assigned_name=MW-3		

K167
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000099208**

Well ID:	T060237918-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060237918&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060237918&assigned_name=MW-4		

K168
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000046754**

Well ID:	T060237918-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060237918&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060237918&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L169
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000072557**

Well ID:	T0602300156-MW-8PZ	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8PZ
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-8PZ&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-8PZ		

L170
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000112195**

Well ID:	T0602300156-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=MW-8		

L171
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000006220**

Well ID:	T0602300156-4398-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	4398-MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300156&assigned_name=4398-MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300156&assigned_name=4398-MW7		

172
South
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000025177**

Well ID:	06N01E32F001H	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06N01E32F001H	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06N01E32F001H&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K173
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000007504**

Well ID:	T060237918-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060237918&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060237918&assigned_name=MW-1		

174
ESE
1/2 - 1 Mile
Higher

FRDS PWS **CA1200726**

Epa region:	09	State:	CA
Pwsid:	CA1200726	Pwsname:	CALIFORNIA REDWOOD CO. - BRAINARD
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06023
Status:	Active	Retpopsrvd:	100
Pwssvcconn:	10	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Private
Contact:	VOGT, ROBERT	Contactorgname:	VOGT, ROBERT
Contactphone:	707-268-3042	Contactaddress1:	P.O. Box 1089
Contactaddress2:	Not Reported	Contactcity:	ARCATA
Contactstate:	CA	Contactzip:	95518-1089
Pwsactivitycode:	A		

Pwsid:	CA1200726	Facid:	1132
Facname:	WELL 03 - TREATED	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

PWS ID:	CA1200726	PWS type:	System Owner/Responsible Party
PWS name:	ARCATA REDWOOD COMPANY	PWS address:	Not Reported
PWS city:	ARCATA	PWS state:	CA
PWS zip:	95521	PWS ID:	CA1200726
Activity status:	Active	Date system activated:	8508
Date system deactivated:	Not Reported	Retail population:	00000108
System name:	ARCATA REDWOOD CO. - BRAINARD		
System address:	ARCATA REDWOOD COMPANY	System address:	PO BOX 108
System city:	ARCATA	System state:	CA
System zip:	95521		

Population served:	101 - 500 Persons	Treatment:	Untreated

Latitude:	405200	Longitude:	1240454

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M175
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087098**

Well ID:	T0602300305-SW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	SW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=SW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=SW-10		

M176
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116275**

Well ID:	T0602300305-PO-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PO-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=PO-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=PO-4		

M177
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038786**

Well ID:	T0602300305-SW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=SW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=SW-6		

M178
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095834**

Well ID:	T0602300305-SW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	SW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=SW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=SW-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M179
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121484**

Well ID:	T0602300305-PO-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PO-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=PO-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=PO-5		

M180
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000088000**

Well ID:	T0602300305-PO-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PO-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=PO-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=PO-2		

M181
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072864**

Well ID:	T0602300305-IW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=IW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=IW-3		

M182
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121532**

Well ID:	T0602300305-PO-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PO-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300305&assigned_name=PO-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300305&assigned_name=PO-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N183
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033138**

Well ID:	T0602300259-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-7		

N184
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000075466**

Well ID:	T0602300259-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-6		

N185
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098492**

Well ID:	T0602300259-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-2		

N186
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094098**

Well ID:	T0602300259-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N187
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047349**

Well ID:	T0602300259-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-3		

N188
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110455**

Well ID:	T0602300259-RW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=RW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=RW-1		

N189
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135202**

Well ID:	T0602300259-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-1		

O190
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048221**

Well ID:	T0602300349-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N191
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041618**

Well ID:	T0602300259-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300259&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300259&assigned_name=MW-4		

P192
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000105198**

Well ID:	T0602300349-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-9		

Q193
NW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000008133**

Well ID:	06N01E30G001H	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06N01E30G001H	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06N01E30G001H&store_num=		
GeoTracker Data:	Not Reported		

R194
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041971**

Well ID:	T0602393587-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393587&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393587&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R195
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077802**

Well ID:	T0602393587-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393587&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393587&assigned_name=MW-1		

Q196
NW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000014321**

Well ID:	1200692-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1200692-001&store_num=		
GeoTracker Data:	Not Reported		

R197
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040549**

Well ID:	T0602393587-DW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602393587&assigned_name=DW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602393587&assigned_name=DW-1		

O198
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000006062**

Well ID:	T0602300349-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P199
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123447**

Well ID:	T0602300349-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-7		

S200
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033710**

Well ID:	T0602300349-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-12		

P201
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034658**

Well ID:	T0602300349-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-1		

S202
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000040319**

Well ID:	T0602300349-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-13		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T203
NW
1/2 - 1 Mile
Higher

CA WELLS **6488**

Seq:	6488	Prim sta c:	06N/01E-30G02 H
Frds no:	1200692001	County:	12
District:	01	User id:	ATT
System no:	1200692	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	405241.0	Longitude:	1240619.0
Precision:	3	Status:	AR
Comment 1:	JANES RD, ARCATA TO BAYSCHOOL RD. W ON BAYSCHOOL 1/4 MI TO MARILANN		
Comment 2:	CT, A GRAVEL DRIVE GOING S OFF BAYSCHOOL RD. THE DRIVE IS CHARACTERIZ		
Comment 3:	ED BY THE 4 DUPLEXES IN A ROW ON WEST SIDE OF MARILANN CT. DRIVE TO T		
Comment 4:	HE END OF MARILANN CT TO FENCED IN WELL AREA. GATE IS LOCKED. CONTAC		
Comment 5:	T DAVE HARDY AT STANDARD MANAGEMENT 443-4837		
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1200692	System nam:	Marilann Court Ws
Hqname:	Not Reported	Address:	710 E ST 150
City:	EUREKA	State:	C9
Zip:	5501	Zip ext:	Not Reported
Pop serv:	24	Connection:	8
Area serve:	Not Reported		

U204
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038676**

Well ID:	T0602300349-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-2		

T205
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000194707**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N001E30G002H	Type:	Well
Description:	Not Reported	HUC:	18010102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U206
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000005874**

Well ID:	T0602300349-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-4		

U207
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000035662**

Well ID:	T0602300349-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-5		

S208
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091340**

Well ID:	T0602300349-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-6		

U209
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072964**

Well ID:	T0602300349-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-3		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U210
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014271**

Well ID:	T0602300349-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300349&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300349&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95521	16	0

Federal EPA Radon Zone for HUMBOLDT County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95521

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.288 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix F

Noise Study Technical Memo

Technical Memorandum

July 28, 2023

To	David Loya, Delo Freitas	**Tel**	(707) 822-2918
		Email	Misha.Schwarz@ghd.com
From	Ben Wiseman, Mike Masschaele, Sam East, Misha Schwarz	**Ref. No.**	11228577 MEM-2
Subject	City of Arcata General Plan Update – Noise Study Technical Memo		

1. Introduction

GHD was retained by the City of Arcata (City) to prepare a Noise Study Technical Memorandum (Study) in support of the Noise Element of the Arcata General Plan Update. This Study assesses the effects of proposed development within the City, including the Gateway Area and other Infill Areas (Development Areas), on the noise environment in the City of Arcata. The following discussion describes the general characteristics of sound and the categories of audible noise, followed by the regulatory framework related to noise issues at the City, State, and Federal levels. Potential noise impacts associated with implementation of proposed development are evaluated, and mitigation measures are recommended as necessary. The following evaluation is based on both spatial and quantitative analyses and examines the effects that the locations of the Development Areas will have on the exposure of existing or future residential uses due to noise levels (e.g., transportation, temporary construction, and operations of commercial/light industrial facilities) or ground borne vibration. The boundaries of the Development Areas are shown on Figure 1.

To provide the basis for this evaluation, Section 2 of this Study describes the noise setting and the Federal, State, and Local regulatory background that will apply to noise within the City; Section 3 describes the existing noise environment within the Gateway Area; and Section 4 consists of impact evaluations to establish the thresholds of significance, evaluates potential noise-related impacts, and describes the significance of impacts in accordance with California Environmental Quality Act (CEQA) requirements.

2. Noise & Vibration – Environmental and Regulatory Setting

2.1 Fundamentals of Acoustics

Noise may be defined as objectionable or disturbing sound caused by its pitch or its loudness. Pitch is the height or depth of a tone or sound, depending on the relative frequency of the vibrations by which it is produced. Generally, higher-pitched sounds are perceived as louder to humans than sounds with a lower pitch having the same sound pressure level. Loudness is the intensity of sound waves combined with the reception characteristics of the human ear.

Noises vary widely in their scope, source, and volume, ranging from individual occurrences such as leaf blowers, to the intermittent disturbances of overhead aircraft, to the constant noise generated by traffic on freeways or mechanical equipment associated with an industrial facility. Noise is primarily a concern for sensitive receptors such as residences, schools, churches, parks, and hospitals.

In addition to the concepts of pitch and loudness, there are several noise measurement metrics which describe noise in a particular location. A decibel (dB) is a unit of measurement in acoustics which indicates the relative amplitude of a sound compared to a reference sound level. The generally accepted reference sound pressure is 20 µPa, which is used throughout this Study. The zero on the decibel scale corresponds to approximately the lowest sound level that the healthy, unimpaired human ear can detect. Sound levels in dB are calculated on a logarithmic scale. An increase of 10 dB represents a ten-fold increase in acoustic energy, while 20 dB is 100 times more intense, 30 dB is 1,000 times more intense, and so on. There is a relationship between the subjective noisiness or loudness of a sound and its dB level. Each 10 dB increase in sound level is perceived as approximately a doubling of loudness over a wide range of intensities.

The following table provides a brief summary of how changes in measured dB levels are perceived by the human ear.

Table 1 Human Perceptibility of Changes in Sound Level (Bies & Hansen 2009)

Change in Measured Sound Level (dB)	Change in Perceived Loudness
+3 dB	Threshold of human perceptibility to sound level change
+5 dB	Clearly noticeable change in noise level
+10 dB	Twice as loud
+20 dB	Much louder (any previously audible sources are completely masked by the louder source at this point)

Sound levels are often expressed in terms of A-weighted decibel levels (dBA), A-weighted sound levels are intended to more accurately represent the sound level experienced by the human ear. Since humans do not perceive sounds in all frequency ranges equally, the A-weighted correction artificially suppresses the impact of low frequency (31.5 – 125 Hz) sound in favor of middle and higher range frequency more easily perceived by humans (250 – 8000 Hz). Unless otherwise stated, sound levels presented and discussed in this Study are subject to A-weighting.

For non-transportation and stationary noise sources, the typical sound level descriptor used to quantify exposure are the 1-hour time-equivalent sound level (Leq 1-hr) and the Lmax sound level. The Leq sound level descriptor accounts for sound pressure level fluctuations from moment to moment by averaging the louder and quieter moments over a time period (e.g., one hour) to determine an equivalent continuous sound pressure level. The Lmax descriptor is the highest sound pressure level experienced/measured over the course of a sound level measurement period.

Since the sensitivity of noise receptors to noise increases during the evening and at night, and because excessive noise interferes with the ability to sleep, 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The Day/Night Average Sound Level (Ldn) represents the average A-weighted sound pressure level during a 24-hour day, obtained after addition of 10 decibels to levels assessed in the night between 10:00 PM and 7:00 AM. Community Noise Equivalent Level (CNEL) is an average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels to levels assessed in the evening between 7:00 PM and 10:00 PM as well as 10 decibels to levels assessed in the night between 10:00 PM and 7:00 AM. For the purposes of this Study, all evaluated/calculated transportation noise levels will be presented in terms of Ldn.

Generally, sound energy from localized or point sound sources spreads out spherically as it travels away from the source, resulting in sound pressure level reductions of approximately 6 dB per doubling of distance from the

source. Sound energy from a line source (e.g., traffic on a highway) spreads out cylindrically, resulting in sound pressure level reductions of approximately 3 dB per doubling of distance from the source. Environmental factors also affect the transmission of sound, including ground absorption, atmospheric absorption, temperature gradients, wind, and screening by physical obstructions.

According to the Governor's Office of Planning and Research, maximum exterior noise levels of 60 dBA are considered "normally acceptable" for unshielded residential development.

Noise levels from 60 to 70 dBA fall within the "conditionally unacceptable" range, and those in the 70 to 75 dBA range are considered "normally unacceptable."

For reference, the California Department of Transportation (Caltrans) publishes the following table of typical noise levels to provide context for regulatory limits and acceptable levels.

Table 2 Typical Noise Levels of Everyday Settings (Caltrans 2023)

Common Outdoor Activities	Noise Level (dBA)
Instant perforation of eardrum	160
	150
Military Jet Takeoff	140
Threshold of Pain	130
From rows of rock concert	120
	110
Earphones at maximum level	100
	90
Vacuum cleaner	80
Busy street traffic	70
Normal conversation	60
	50
	40
	30
Whisper	20
Rustling leaves	10
Threshold of hearing	0

2.2 Fundamentals of Ground-borne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several methods are typically used to quantify the amplitude of vibration including Peak Particle Velocity (PPV) and Root Mean Square (RMS) velocity. PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. RMS velocity is defined as the square root of the average of the squared amplitude of the signal, usually measured in decibels relative to one micro-inch per second (in/sec) and reported in velocity decibels (VdB). PPV and VdB vibration velocity amplitudes are typically used in analysis to evaluate the effect of vibration on buildings and people in the vicinity of construction activities.

Construction activities can cause vibration that varies in intensity depending on several factors. The use of pile-driving and vibratory compaction equipment typically generates the highest construction-related ground borne vibration levels. Because of the impulsive nature of such activities, the PPV descriptor has been used routinely to measure and assess ground borne vibration due to construction and almost exclusively to assess the potential of vibration to induce structural damage. The RMS descriptor is more commonly used to assess

human perception to vibration. Table 3 below summarizes various vibration levels and various associated thresholds:

Table 3 Typical Levels of Ground Borne Vibration (FTA 2018)

Human/Structural Response	RMS Vibration Velocity Level (VdB relative to 10^{-6} in/s)	Typical Sources (50 ft from source)
Threshold for risk of minor cosmetic damage for fragile buildings	100	Blasting from construction projects
		Bulldozers and other heavy tracked construction equipment
Difficulty with tasks such as reading a computer screen	90	
		Commuter rail (upper range)
Residential annoyance, infrequent events (e.g., commuter rail)	80	Rapid transit (upper range)
Residential annoyance, frequent events (e.g., rapid transit)		Commuter rail (typical); bus or truck over bump
	70	Rapid transit (typical)
Limit for vibration sensitive equipment; approximate threshold for human perception of vibration		Bus or truck (typical)
	60	
		Typical background vibration
	50	

The potential for structural damage due to ground borne vibration is dependent on the level of the vibration, the type of structure, and the integrity of the structure. Reinforced concrete structures are less susceptible to damage due to vibration; while older, timber structures are significantly more susceptible to damage by vibration. For reference, Table 4 below summarizes construction vibration damage criteria used by the Federal Transit Administration:

Table 4 Construction Vibration Damage Criteria (FTA 2018)

Building / Structure Category	PPV (in/s)
Reinforced-concrete, steel or timber (no plaster)	0.5
Engineered concrete and masonry (no plaster)	0.3
Non-engineered timber and masonry buildings	0.2
Buildings extremely susceptible to vibration damage	0.12

2.3 Federal Regulatory Framework

The adverse impacts of noise were officially recognized by the federal government in the **Noise Control Act of 1972 (42 U.S. Code, § 4901-4918)**, which serves three purposes:

– Promulgating noise emission standards for interstate commerce,
– Assisting state and local abatement efforts; and
– Promoting noise education and research.

The Office of Noise Abatement and Control (ONAC) was initially tasked with implementing the Noise Control Act. However, the ONAC has since been eliminated, leaving the development of federal noise policies and programs to other federal agencies and interagency committees. For example, the Occupational Safety and Health Administration (OSHA) agency prohibits exposure of workers to excessive sound levels. The U.S. Department of Transportation (DOT) assumed a significant role in noise control through its various operating agencies, such as with the Federal Aviation Administration (FAA), which regulates noise generated by aircraft and airports. Surface transportation system noise is regulated by a host of agencies, including the Federal Transit Administration (FTA), which requires that all rail systems receiving federal funding be constructed and operated in accordance with its regulations and specifications. The Federal Railroad Administration (FRA) sets forth and enforces safety standards, including noise emissions within railroad locomotive cabs. Transit noise is regulated by the FTA, while freeways that are part of the interstate highway system are regulated by the Federal Highway Administration (FHWA). The FHWA has adopted and promulgated noise abatement criteria for highway construction projects. The federal government encourages local jurisdictions to use their land use regulatory authority to site new development to minimize potential noise impacts.

2.3.1 Federal Highway Administration (FHWA) Standards

Title 23, Part 772 sets procedures for the abatement of highway traffic noise and construction noise. Title 23 is implemented by the Department of Transportation Federal Highway Administration. The purpose of this regulation is to provide procedures for noise studies and noise abatement measures to help protect the public health and welfare, to supply noise abatement criteria, and to establish requirements for information to be given to local officials for use in the planning and design of highways. All highway projects which are developed in conformance with this regulation shall be deemed to be in conformance with the DOT Federal Highway Administration Noise Standards. Title 23 establishes a 67 dBA standard to federal highway projects [23 CFR Chapter 1, Part 772, Section 772.19].

2.3.2 Federal Transit Administration (FTA) Standards

For federally funded mass transit projects, the FTA standards preempt County/regional standards. The vibration standards listed in the FTA Transit Noise and Vibration Impact Assessment Manual (FTA 2018) are currently relied upon for vibration assessment and exposure limits.

2.4 State Regulatory Framework

California Senate Bill 860, which became effective January 1, 1976, directed the California Office of Noise Control within the State Department of Health Services to prepare “Guidelines for the Preparation and Content of Noise Elements of the General Plan.” One purpose of these guidelines was to provide sufficient information concerning the noise environment in the community so that noise could be considered in the land use planning process. As part of this publication, Land Use Compatibility Standards were developed in four categories: Normally Acceptable, Conditionally Acceptable, Normally Unacceptable, and Clearly Unacceptable. These categories were based on earlier work done by the U.S. Department of Housing and Urban Development (HUD). The interpretation of the four categories is as follows:

- **Normally Acceptable**: Specified land use is satisfactory without special insulation
- **Conditionally Acceptable**: New development requires detailed analysis of noise insulation requirements
- **Normally Unacceptable**: New development is discouraged and requires a detailed analysis of insulation features
- **Clearly Unacceptable**: New development should not be undertaken

The State of California has developed a Land Use Compatibility Matrix for community noise environments that further defines the four categories of acceptance and assigns Ldn/CNEL values to them.

In addition, the State Building Code (Title 24, California Code of Regulations, Part 2) establishes uniform minimum noise insulation performance standards to protect persons within new hotels, motels, dormitories, long-term care facilities, apartment houses, and residential units other than detached single family residences from the effects of excessive noise, including, but not limited to, hearing loss or impairment and interference with speech and sleep. Residential structures to be located where the CNEL or Ldn is 60 dBA or greater are required to provide sound insulation to limit the interior CNEL/Ldn to a maximum of 45 dBA. An acoustic, or noise, analysis report prepared by an experienced acoustical engineer is required for the issuance of a building permit for these structures. Conversely, land use changes that result in increased noise levels at residences of 60 dBA or greater must be considered in the evaluation of impacts to ambient noise levels. Table IV.E-2, *Land Use Compatibility for Community Noise Environments*; and Table IV.E-3, *Normally Acceptable Noise Levels for Residential Land Use*, depict noise levels for a variety of uses.

2.5 Local Regulatory Framework

The Gateway Area is within the City of Arcata and therefore, this Study includes the existing City of Arcata General Plan regulatory requirements.

2.5.1 City of Arcata Land Use Code

The City of Arcata Land Use Code (Title 9 of the Municipal Code) addresses noise throughout the City in Title III – Planning and Project Design Standards, section 9.30.050 “Noise Standards” (City of Arcata 2019) as follows:

> “A. Purpose. This Section implements the policies of the Noise Element of the General Plan, and provides standards for noise mitigation that are intended to protect the community health, safety, and general welfare by limiting exposure to the unhealthful effects of noise.
>
> B. Applicability. No use, activity, or process shall exceed the maximum allowable noise levels established by this Section, except for the following noise sources:
>
> 1. Emergencies. Public safety warning devices (e.g., ambulance, fire, and police sirens), sound for alerting persons to the existence of an emergency, or the performance of authorized emergency work;
>
> 2. State or Federal preempted activities. Any activity regulated by State or Federal law;
>
> 3. Public health and safety activities. Construction, maintenance, and/or repair operations by public agencies and/or utility companies or their contractors that are serving public interests, and/or protecting the public health, safety, and general welfare;
>
> 4. Parks. Public agency sanctioned recreational activities and programs conducted in public parks; and
>
> 5. Solid waste collection. The authorized collection of solid waste.
>
> C. Definitions. Definitions of the technical terms used in this Section may be found in Article 10 (Glossary) under "Noise."
>
> D. Noise source standards.
>
> 1. Stationary and transportation source noise level limitations. No use, activity, or process within the City shall generate noise in excess of the levels identified by [Table 5] and [Table 6], as the noise is measured at the property line of a noise sensitive land use identified in [Table 5] and [Table 6].
>
> a. If the measured ambient noise level exceeds the applicable noise level standard in any category shown in the tables, the applicable standards shall be adjusted to equal the ambient noise level.

b. If the noise source being evaluated is continuous and cannot reasonably be discontinued or stopped to allow measurement of the ambient noise level, the noise level measured while the source is in operation shall be compared directly to the applicable noise level standards identified in the tables.

Notwithstanding the above requirements, no person shall allow or cause the generation of any noise of a type, volume, pitch, tone, repetition, or duration that would be found to be a nuisance by a reasonable person beyond the boundaries of the property where the noise is generated.

Table 5 Maximum Allowable Stationary Noise Level by Receiving Land Use (Table 3-2 of the Municipal Code)

Noise Level Descriptor	Maximum Exterior Noise Level			Maximum Interior Noise Level		
	7 am – 7 pm	7 – 10 pm	10 pm – 7 am	7 am – 7 pm	7 – 10 pm	10 pm – 7 am
Dwellings, Transient Lodging, Hospitals, Extended Care, and Similar Uses						
Hourly Leq	55 dB	50 dB	45 dB	45 dB	40 dB	35 dB
Maximum	75 dB	75 dB	70 dB	65 dB	65 dB	60 dB
Meeting Facilities, Auditoriums, Theaters, Libraries, Schools, and Similar Uses						
Hourly Leq	55 dB	55 dB	n/a	40 dB	40 dB	n/a
Maximum	75 dB	75 dB	n/a	60 dB	60 dB	n/a

Notes:

(1) The City can impose noise level standards up to 5 dB less than those specified above based upon determination of existing low ambient noise levels in the vicinity of the project site.
(2) These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings).
(3) The standards will be applied at the outdoor activity areas of the receiving land use, and at the building facade for upper floor receivers which do not have an outdoor activity area facing the noise source. Where no outdoor activity area is identified, the City has the option to apply only the interior noise level performance standards.

Table 6 Maximum Allowable Transportation Noise Exposure (Table 3-3 of the Municipal Code)

Noise Sensitive Land Use	Outdoor Activity Areas (1)	Interior Spaces	
	dBA Ldn	dBA Ldn	dBA Leq (2)
Residential	60 (3)	45	n/a
Transient Lodging	60 (4)	45	n/a
Hospitals, extended care	60 (3)	45	n/a
Theater, auditorium	n/a	n/a	35
Meeting facility, public or private	60 (3)	n/a	40
Offices	n/a	n/a	45
School, library, museum	n/a	n/a	45
Playground, park	70	n/a	n/a

Notes:

(1) Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.
(2) As determined for a typical worst-case hour during periods of use.
(3) Where it is not possible to reduce noise in outdoor activity areas to 60 dB Ldn/CNEL or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 65 dB Ldn/CNEL may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise levels are in compliance with this table.

(4) In the case of hotel/motel facilities or other transient lodging, outdoor activity areas such as pool areas may not be included in the project design. In these cases, only the interior noise level criterion will apply.

2. Limitation on hours of construction. In order to allow construction schedules to take advantage of the weather and normal daylight hours, and to ensure that nearby residents as well as nonresidential activities are not disturbed by the early morning or late night activities, construction site tool and equipment noise shall be limited in compliance with [Table 7] or as required by conditions of approval.

Table 7 Allowable Hours of Construction (Table 3-4 of the Municipal Code)

Day	Allowable Hours
Monday through Friday	8:00 a.m. to 7:00 p.m.
Saturday	9:00 a.m. to 7:00 p.m.
Sunday, Holidays	* No heavy equipment-related construction activities allowed

All stationary and construction equipment shall be maintained in good working order, and fitted with factory approved muffler system.

3. Intrusive noise. When intrusive noise sources have been identified through project review, the review authority shall require that the detrimental effects (sleep interference or the potential for annoyance) be disclosed to neighboring receptor properties.

4. Rhythmic, recurring, or impulsive noise sources. When noise sources have been identified to be rhythmic, reoccurring, or impulsive in nature or comprised mainly of music or speech, they may comply with applicable noise level criteria and still be annoying to individuals. When these types of noise sources have been identified, they may be subject to additional mitigation or mediation, and shall be subject to the criteria in [Table 6], with a -5 dB penalty applied to the criteria.

E. Standards for sensitive receptors. New noise sensitive land uses as identified in [Table 6] shall not be allowed where the noise level from existing non-transportation noise generators will exceed the noise level standards in [Table 5], or where projected levels of transportation noise will exceed the levels specified in [Table 6], unless effective noise mitigation measures are incorporated into project design to maintain outdoor and indoor noise levels on the receptor site in compliance with [Tables 5], and [6].

1. New noise-sensitive uses. New construction and retrofits at existing buildings shall include appropriate insulation, glazing, and other sound attenuation measures so that they comply with standards in [Table 6].

2. Mitigation required. Noise that may affect a proposed noise sensitive land use shall be mitigated to not exceed the noise level standards in [Table 5] at the property line of any noise-sensitive land use identified in [Table 6]. Appropriate mitigation measures include:

a. Noise attenuation measures, and stationary noise source controls shall include the use of barriers, setbacks, site design, baffles, enclosures, silencers, and improved facade construction techniques.

b. Where noise mitigation measures are required, mitigation shall occur primarily through site planning and project design, where feasible. The use of noise barriers shall be considered a means of achieving the noise standards only after all other practical design-related noise mitigation measures have been integrated into the project.

F. Acoustical analysis. Where the Director determines that a proposed project is a noise sensitive land use (such as hospitals, schools, and health care facilities), or may generate noise in excess of any

limit established by [Tables 5] or [6], and/or where the use may generate noise in outdoor areas in excess of 60 dBA, the planning permit application for the use shall include an acoustical analysis, which shall:

1. Be the financial responsibility of the applicant;

2. Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics;

3. Include noise level measurements, with sufficient sampling periods and locations, to adequately describe local conditions and the predominant noise sources;

4. Estimate existing and projected cumulative (20-year) noise levels in terms of Ldn or CNEL and/or the standards of [Table 5], and compare those levels to the requirements of this Section and the policies of the Noise Element;

5. Recommend appropriate mitigation to achieve compliance with this Section and the policies and standards of the Noise Element, giving preference to proper site planning and design over mitigation measures which require the construction of noise barriers or structural modifications to buildings that contain noise-sensitive land uses;

6. Estimate noise exposure after prescribed mitigation measures are implemented; and

7. Describe a post-project assessment program that may be used to evaluate the effectiveness of the proposed mitigation measures.

G. Noise measurement. Exterior noise levels shall be measured at the property line of the noise sensitive land use receiving the noise. Noise measurement shall be made with a sound level meter using the 'A' weighted scale at slow meter response. Fast meter response shall be used only for an impulsive noise.

The City of Arcata Municipal Code addresses noise in the Downtown Plaza Area in Title IV – Public Welfare, Morals and Conduct, Chapter 3 (City of Arcata 1996). While Chapter 3 does not apply directly to the Gateway Area, the requirements are provided below for reference:

"Section 4320 Exterior Noise in General

A. No person shall make, cause, suffer or permit to be made any noises or sounds at any location within the Downtown Plaza area which causes the average sound level when measured on any other property to exceed:

1. 60 dBA between the hours of 10:00 p.m. and 7:00 a.m. or 65 dBA between the hours of 7:00 a.m. and 10:00 p.m. for a cumulative period of more than 10 minutes in any hour; or

2. the standard expressed in item 1 above plus five dB for a cumulative period of five minutes in any hour; or

3. the standard expressed in item 1 above plus 15 dB for any period of time; or

4. the ambient noise level, for a period of five or more minutes.

B. If the measured ambient noise level exceeds that permissible within any of the first three noise limit categories above, the allowable noise exposure standard shall be the ambient noise level.

C. If possible, the ambient noise level shall be measured at a location along the real property boundary on the property adjoining the parcel which is the location of the alleged offending noise source. If the intruding noise source is continuous and cannot be reasonably discontinued or stopped for a time period whereby the ambient noise level can be measured, the ambient noise level shall be determined by traveling away from the noise source to a point where a steady state decibel reading is achieved. If this test is not possible, the noise level shall be compared directly to the noise level standards in section A above.

D. Adjustment for character of sound. In the event the alleged offensive noise, as judged by the noise control officer, contains a steady, pure tone such as a whine, screech, or hum, or is an impulsive sound such as hammering or riveting, or is repetitive or rhythmic in character, the standards set forth in section A above shall be reduced by five dB.

Section 4325 Offensive or Unreasonably Disturbing Noises

A. Notwithstanding the standards set forth in Section 4320, no persons shall make, cause, suffer or permit to be made any offensive or unreasonably disturbing noise which disturbs any person within hearing distance of such noise.

B. Offensive noise means any noise which is loud, boisterous, irritating, penetrating, repetitive, rhythmic or unusual, or that is unreasonably distracting in any other manner, such that it is likely to disturb people of ordinary sensitivity in the vicinity of such noise."

2.5.2 Proposed Amendments to the Land Use Code

Based on GHD's review, the current version of the Land Use Code is generally in line with current state-of-the-art. However, the following amendments are proposed to provide further clarity for the implementation and enforcement of the City's noise policies:

- Revise section 9.30.050.D.1.a to the following: "If the measured ambient noise level exceeds the applicable **stationary** noise level standard in any category shown in the tables, the applicable **stationary** standards shall be adjust to equal the ambient noise level."
- Revise the title of Table 3-2 in section 9.30.050.D.1 to the following: "Table 3-2 – Maximum Allowable Noise Level **from Stationary Source** by Receiving Land Use"
- Revise Table 3-2 in section 9.30.050.D.1 to clarify the limit values are in terms of A-weighted decibels (**dBA**), consistent with common practices for environmental sound level limits.
- Add the following note below Table 3-2 in section 9.30.050.D.1: "'Maximum' sound level shall be taken to mean the maximum A-weighted sound level measured with the sound level meter set to Slow response."
- Add the following note below Table 3-2 in section 9.30.050.D.1: "Sound level measurements use to evaluate stationary sources against the applicable limits in should be performed using a lab-calibrated Type 1 or Type 2 sound level meter as defined in ANSI standard S1.4, and checked before and after the measurements using an acoustic calibrator meeting the requirements of ANSI standard S1.40."
- Add the following note below Table 3-4 in section 9.30.050.D.2: "The time restrictions above only apply to heavy equipment and activities which generator significant outdoor noise emissions."
- Add the following note below Table 3-4 in section 9.30.050.D.2: "Heavy equipment usage may operate on Sundays and holidays if the project is compatible with objective design standards, the project includes restricted affordable housing, and the project timeline requires an exception from this prohibition."

3. Existing Noise Conditions in Arcata

This section summarizes existing ambient noise conditions in the City, with a focus on the Development Areas. The primary existing sources of noise in the City are understood to be vehicle traffic from highways and local roadways, as well as light industrial/commercial activities. In addition, existing commercial/light industrial areas within the City are a source of stationary noise. Sources of ground borne vibration are typically minimal but can occasionally be sourced to vehicles using the roadway. Based on communications from the City, GHD understands there are no active rail lines within the City.

3.1 Existing Transportation Noise Sources

Current conditions in the City are generally dominated by the noise sources associated with traffic on US-101, Samoa Blvd (US-255), and arterial roads, along with numerous other smaller streets. Noise sources include stopping, turning, accelerating, and decelerating automobiles and trucks. In addition, stationary noise sources (air conditioning units, loading docks, mechanical equipment, etc.) from commercial and light industrial activity also contribute to the ambient noise environment.

A community noise survey conducted in 1997 as part of background studies for the General Plan showed that typical noise levels in noise-sensitive areas of the City ranged from 46 dB to 63 dB Ldn. The primary sources of noise at that time were road traffic, railroad operations, industrial activities, and neighborhood activities. Since the time of the survey, the following changes have occurred:

– There are no longer any active rail operations within the City
– Traffic volumes are assumed to be higher in present-day compared to 1997
– There have been changes in land uses within the City

Based on projected 2020 noise contours presented in the Arcata General Plan: 2020 as well as the noise survey results referenced above, GHD estimates that existing road traffic noise levels within the City are generally in the range of 50 dB to 65 dB Ldn. At locations in close proximity to major roads and highways there is potential for existing noise levels exceeding 65 dB Ldn.

3.2 Existing Non-Transportation Stationary Noise Sources

Noise can result from many processes and activities even when the best available noise control technology is applied. Noise exposure within industrial facilities is controlled by federal and state employee health and safety regulations, but exterior noise levels may exceed locally acceptable standards. Activities at commercial, recreational, and public services facilities can also produce noise that affects adjacent land uses.

Non-transportation related noise generators are typically called “stationary”, “fixed, “area,” or “point” sources of noise. Industrial processing, mechanical equipment, pump stations, and heating, ventilating, and air conditioning (HVAC) equipment are examples of fixed location, non-transportation noise sources within the City of Arcata and Gateway Area. Some non-transportation sources are not stationary but are typically assessed as point or area sources due to the limited area in which they operate, such as truck deliveries, agricultural field machinery, and material handling equipment.

Of these noise sources, noise generated by delivery truck activity typically generates the highest maximum noise levels. Delivery truck loading and unloading activities can result in maximum noise levels from 75 dBA to 85 dBA Lmax at 50 feet. Other noise sources specific to commercial centers and industrial zones of the City include light and medium industrial land uses, which can vary in noise level.

Based on GHD’s review of aerial imagery of the Gateway Area, Downtown Area and properties in the immediate surroundings, these areas currently include some light- and medium-scale industrial/commercial facilities. The majority of these facilities are existing in close proximity to sensitive/residential uses and would not be expected to produce significant noise levels without resulting in complaints from residents. However, there are also some medium-scale industrial/commercial facilities south of 8th Street and west of L Street within the Gateway Area, and just south of the Gateway Area, which are not as close to sensitive receptors (e.g., Wing Inflatables, 300 feet from nearest residence; C&K Johnson Industries, 380 feet from nearest residence). These facilities appear to have the potential for significant noise emissions in the areas surrounding them. At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Municipal Code (Table 5 of this report).

The Craftsmall Mall infill area includes a mixture of residential and light- to medium-scale industrial/commercial facilities. At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Municipal Code (Table 5 of this report).

The Valley West infill area includes a mixture of residential and light-scale industrial/commercial facilities. At this time, it is not known if any of these facilities produce noise levels exceeding the standards set out in Table 3-2 of the Municipal Code (Table 5 of this report).

3.3 Construction Noise

Noise from temporary construction and demolition activities adds to the noise impacts experienced by sensitive uses surrounding such activities. Such activities are expected to occur from time to time within the existing environment of the Gateway Area, as a consequence of normal development, redevelopment, and/or renovation activities.

The U.S. Environmental Protection Agency has published sound level data for various types of construction equipment, including loaders, trucks, back hoes, and compressors. Noise levels from construction can generally range from about 70 dBA up to nearly 100 dBA at a distance of 50 feet (US EPA 1971), which can be readily perceived both on site and off site, dependent on the types of activities. As per the Municipal Code, construction activities are limited to the daytime hours, excluding Sundays and holidays, which would help to reduce noise nuisance.

3.4 Ground-borne Vibration

Common significant sources of ground-borne vibration include construction activities, rail operations, and some industrial processes (e.g., metal stamping). Road vehicles such as trucks are typically not significant sources of ground-borne vibration (FTA 2018).

Ground-borne vibration can generally produce three types of impacts:

– Audible noise produced off-site by way of re-radiation by lightweight structures, which act as large loudspeakers to transmit vibration energy to the air (FTA 2018)
– Perceptible vibration of the ground or structures that can be felt by humans, which can be a source of nuisance particularly when felt in sensitive uses (e.g., residential dwellings)
– Structural damage due to significant vibration levels

As there are no active rail lines within the City, the only significant sources of ground-borne vibration would be construction, and possibly certain industrial facilities. Similar to construction noise, ground-borne vibration due to construction would be temporary and would only occur during daytime hours per the Municipal Code.

One potential industrial source of ground-borne vibration is the C&K Johnson Industries facility located at 1061 Samoa Blvd, which is a manufacturer of structural steel products with processes including rolling, breaking, blasting, shearing, punching, and forming (C&K Johnson 2022). Further investigation would be required to confirm the significance of ground-borne vibration associated with operation of this facility.

3.5 Airport Noise

There are no airports that are anticipated to be significant noise of noise for the City. Accordingly, air traffic noise impacts were not evaluated in this Study.

3.6 Railroad Noise

Rail lines in Arcata are understood to be inactive (some have been paved over), with no plans to reintroduce rail operations. Accordingly, rail traffic has not been evaluated in this Study.

4. Noise and Vibration – Standards of Significance

This analysis uses the significance criteria from the California Environmental Quality Act (CEQA) Guidelines Appendix G. The proposed General Plan Update would result in a significant impact on noise if one of the following exists:

a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.
b. Exposure of persons to or generation of excessive ground-borne vibration or ground- borne noise levels.
c. Substantial permanent increases in ambient noise levels in the project vicinity above levels existing without the project.
d. Substantial temporary or periodic increases in ambient noise levels in the project vicinity above levels existing without the project.
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels.
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels.

Items “a” and “c” are addressed in the following Sections 4.1 and 4.2. Items “b” and “d” are addressed in Sections 4.3 and 4.4. Items “e” and “f” are not applicable, as there are no airports or airstrips within 2 miles of the City.

4.1 Permanent Transportation Noise Exposure, Land Use Compatibility, and Mitigation Measures

Adherence to City of Arcata Municipal Code Table 3-3 (see Table 6 of this report) maximum allowable transportation sound level limits requires that outdoor sensitive receptors not be exposed to transportation sound levels exceeding an 60 dBA Ldn (with exception of playgrounds and parks, where 70 dBA Ldn in the limit). In the event that all feasible mitigation options have been exhausted, transportation Ldn levels as high as 65 dBA at sensitive outdoor receptors are acceptable.

Transportation-related noise sources inside of and surrounding the Gateway Area include car and truck traffic on highways and local roads. Roadways, in particular federal and state highways, are a major source of ambient noise in general, especially because most developed communities are located adjacent to these transportation corridors. Highways and streets are expected to remain the major transportation noise sources in the Gateway Area and surrounding region.

Traffic noise emissions depend on several factors including traffic volume, speed, commercial vehicle percentages, environmental effects, and distance to the receptor. The primary source of noise from automobiles is high frequency tire noise, which increases with speed. In addition, trucks and automobiles produce engine and exhaust noise (audibly dominant over tire noise at low speeds), as well as wind noise. Pavement type and condition can also influence traffic noise. Noise from automobiles is generally located at ground level, whereas truck noise sources can be located as high as 10 to 15 feet above the road surface due to tall exhaust stacks and higher engines.

Differences in elevation can reduce the perceived noise level. Noise from a thoroughfare in a trough or valley between residential areas is reflected upward and focused, similar to a satellite dish, while noise from an elevated thoroughfare will dissipate and is perceived as less of an annoyance. On flat ground, a buffer (such as a sound wall or dense vegetation) can greatly reduce the noise escaping to surrounding areas.

Projected growth during the General Plan Update planning period (up to 2045) is expected to result in development of noise-sensitive uses in the Gateway Area where noise levels may exceed applicable standards

for sensitive interior and outdoor areas. Transportation noise levels exceeding standards contained in Table 6 of this report would represent a significant impact.

Future noise levels were calculated by GHD for US-101, SR-255 (Samoa Blvd), K Street, Alliance Road, 11th Street, and H Street, which are expected to be the primary sources of road traffic noise in the Gateway Area. Traffic noise levels for these roadways were assessed using the United States Federal Highway Administration's (FHWA) Traffic Noise Model (TNM) Version 2.5. TNM modelling and analysis assumptions used in this Study included:

- **Ground Absorption**: Ground surfaces throughout the entire Gateway Area were modelled as pavement (i.e., flow resistivity of 20,000 cgs Rayls)
- **Receptor Elevation**: Noise contour and intersection sound levels are evaluated at 5 feet above grade
- **Foliage**: No attenuation due to foliage was included to be conservative
- **Building Massing**: No building structures or barriers were included in the model to be conservative
- **Topography**: All topographical changes in elevation have been reflected in the acoustic modelling

Based on the United States Environmental Protection Agency (EPA) publication "Protective Noise Levels" (EPA 1978), standard building construction in warm climates provides on average approximately 12 dBA noise reduction with windows and doors open, and 24 dBA with windows and doors closed. Thus, for potential developments where exterior road traffic sound levels exceed the indoor sound level criteria of Table 6 by more than 10 dBA (rounded down from 12 dBA), central air conditioning systems will be required to allow occupants to close their windows to achieve acceptable indoor noise levels. Further, where exterior road traffic noise levels exceed the indoor sound level criteria by more than 20 dBA (rounded down from 24 dBA), façade construction upgrades would be required to achieve the applicable indoor sound level criteria.

The projected traffic volumes used in the model were provided by GHD's Transportation Engineering team. The results of the traffic noise analysis under future (2045) conditions are presented graphically as noise level contours in Figure 2. General setback distances from the roads to achieve various road traffic noise thresholds are summarized as follows:

Table 8 Setback Distances to Noise Prediction Thresholds

Road Segment	> 65 dBA Ldn	≤ 65 dBA Ldn	≤ 60 dBA Ldn	≤ 55 dBA Ldn
	Setback Distance			
Redwood Highway (US-101)	< 1,300 ft	≥ 1,300 ft	≥ 2,700 ft	≥ 5,000 ft
US-299	< 900 ft	≥ 900 ft	≥ 1,800 ft	≥ 3,600 ft
Samoa Blvd (US-255)	< 180 ft	≥ 180 ft	≥ 550 ft	≥ 1,800 ft
K Street	< 180 ft	≥ 180 ft	≥ 550 ft	≥ 1,800 ft
Alliance Road	< 110 ft	≥ 110 ft	≥ 350 ft	≥ 1100 ft
11th Street	< 80 ft	≥ 80 ft	≥ 250 ft	≥ 800 ft
Mitigation Required for proposed residential, transient lodging, hospitals, extended care	Upgraded building exterior construction (1), acoustic barriers for Outdoor Activity Areas (2), and central air conditioning	Acoustic barriers for Outdoor Activity Areas (2), and central air conditioning	Central air conditioning	None
Study Requirements	When standard design features and adherence to the building code does not result in sufficient noise attenuation, the City may require that minimum	When standard design features and adherence to the building code does not result in sufficient noise attenuation, the City	Not required	Not required

Road Segment	> 65 dBA Ldn	≤ 65 dBA Ldn	≤ 60 dBA Ldn	≤ 55 dBA Ldn
	Setback Distance			
	building façade sound insulation performance shall be specified by an acoustical consultant and must be sufficient to achieve the applicable indoor sound level limit assuming windows and doors are closed. Dimensions and layout of acoustic barriers shall be specified by an acoustical consultant and must be sufficient to achieve the applicable outdoor sound level limit. As per the City of Arcata Municipal Code, sound levels up to 65 dBA Ldn may be acceptable in cases where it is not possible to reduce noise levels to 60 dBA Ldn using a practical application of the best available noise reduction measures.	may require that dimensions and layout of acoustic barriers shall be specified by an acoustical consultant and must be sufficient to achieve the applicable outdoor sound level limit. As per the City of Arcata Municipal Code, sound levels up to 65 dBA Ldn may be acceptable in cases where it is not possible to reduce noise levels to 60 dBA Ldn using a practical application of the best available noise reduction measures.		

As seen in Figure 2, projected 2045 road traffic noise levels in the Development Areas exceed 55 dBA Ldn, such that noise mitigation is expected to be required. For any planned sensitive uses within the corresponding roadway setbacks noted above, mitigation will be required as described below.

Mitigation Measures:

- For any planned sensitive uses within the corresponding roadway setbacks, and dependent on the proximity to the roads, measures including central air conditioning, acoustic barriers for Outdoor Activity Areas, and/or upgraded building exterior construction shall be required.

Level of Significance: Less than significant with appropriate mitigation where necessary.

4.2 Permanent Non-Transportation Stationary Noise Exposure, Impacts, and Mitigation Measures

Adherence to City of Arcata Municipal Code Table 3-2 (Table 5 in this Study) maximum allowable non-transportation sound level limits requires that all outdoor sensitive receptors not be exposed to stationary source sound levels exceeding an hourly Leq of 45 dBA to 55 dBA, dependent on the time of day, and an Lmax of 70 dBA to 75 dBA, dependent on the time of day. Additionally, interior sensitive receptors are not to be exposed to stationary source sound level exceeding an hourly Leq of 35 dBA to 45 dBA, depending on the time of day and an Lmax of 60 dBA to 65 dBA, depending on the time of day.

Noise-related land use controls are typically focused in two areas: (1) preventing the introduction of new noise-producing uses in noise-sensitive areas; and (2) preventing encroachment of noise-sensitive uses on existing noise-producing facilities. The first land use control can be achieved by applying noise performance standards to proposed new noise-producing uses. The second land use control can be accomplished by requiring that new noise-sensitive uses located near noise-producing facilities include mitigation measures to ensure compliance with noise performance standards. Site-specific noise analyses should be performed where noise-

sensitive land uses are proposed near noise sources, or where noise sources are proposed to be located near sensitive land uses, and the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards. Based on typical land use compatibility guidelines, where GHD recommends the following setbacks be used to evaluate the need for detailed assessments of potential noise compatibility issues between stationary sources and sensitive uses:

Table 9 Industrial Categorization Criteria and Recommended Setbacks (MECP 2021)

Industry Classification	Industry Characteristics	Area of Concern
Light Industry	– Small, self-contained plant or building which produces/stores a packaged product – Daytime operations only – Infrequent movement of products and/or heavy trucks – Sound from operations inaudible or barely audible off-property	70 ft
Medium Industry	– Medium production levels, possibly with some open processes – Nighttime operations permitted – Frequent movement of products and/or heavy trucks, primarily during daytime hours – Sound from operations occasionally audible off-property	250 ft
Heavy Industry	– Large production levels, with open processes – Frequent nighttime operations – Outside storage of raw materials and/or finished products – Frequent movement of products and/or heavy trucks, including during nighttime hours – Sound from operations frequently audible off-property	1000 ft

The City would continue to enforce building noise standards and attenuation requirements per the Building Code for all uses. The building code regulates the interior environment of new construction. If a proposed commercial/industrial facility is located within the respective setbacks identified above relative to an existing sensitive use, or a property that is zoned to permit sensitive uses, and the City has determined that noise attenuating standards in building design are not likely to effectively comply with noise performance standards, then a detailed stationary noise impact assessment should be required at the expense of the developer to ensure that appropriate noise controls are incorporated into the design to achieve the applicable sound level limits of Table 5. Similarly, if a proposed sensitive use is within the respective setbacks identified above relative to an existing industrial/commercial facility, then the developer of the sensitive use should be required to conduct such a study. Note that the proponent of the new proposed use in both scenarios would be responsible to bear the costs of mitigation.

Mitigation Measures:

– In general, high-noise generating uses (e.g., new industrial uses) should be located away from noise-sensitive land uses and minimize excessive noise through project design features that include noise control and landscape buffers.
– For discretionary projects, an acoustical analysis shall be required as part of the environmental review process for development of noise sensitive land uses proposed in within the recommended setbacks of Table 9. This analysis shall meet the following requirements:
    a. Be prepared by an engineer, architect, or other qualified person experienced in the field of acoustics with an Institute of Noise Control Engineering (INCE) Board Certification.
    b. Include representative noise level measurements with sufficient sampling periods and locations to adequately describe local conditions.

c. Recommend appropriate mitigation or include reference to standardized metrics for assemblies used in the construction that are known and tested to reduce interior noise to achieve compliance with the adopted policies and standards of the Noise Element.

d. Estimate interior and exterior noise exposure after the prescribed mitigation measures have been implemented.

In the event that an acoustical analysis of a proposed development identifies exceedances of applicable non-transportation sound level limits, the analysis should identify and expand on the source(s) of noise responsible for the non-compliance. Upon identification of the problematic source(s), tailored mitigation measures can be developed.

Level of Significance: Less than significant with appropriate mitigation incorporated into design of developments where necessary to comply with the sound level limits of the Land Use Code.

4.3 Temporary Ground-Borne Vibration Exposure, Impacts, and Mitigation Measures

It is likely that intrusive ground-borne vibration levels will almost exclusively be sourced from construction activity inside the Development Areas during future development. While large trucks on roadways have the capacity to generate ground-borne vibrations, the road surfaces in question around the Development Areas are unlikely to generate intrusive levels of ground-borne vibration.

Earth moving and earth compacting activities using heavy machinery would create ground-borne vibrations and noise that may be noticeable on a temporary and intermittent basis, at nearby residences, school, commercial and retail businesses. Noticeable ground-borne vibrations and noise would be limited to normal daytime hours. Any proposed development projects would comply with all applicable City policies to abate construction-related noise impacts. The Municipal Code restricts construction activity to specified daytime hours, and that all construction equipment be maintained in good working order and fitted with factory approved mufflers. Adherence to these policies would result in a less than significant impact with regard to exposing persons to or generating excessive ground-borne vibration or ground-borne noise levels. Additional ground-borne vibrations beyond baseline conditions are not anticipated as a result of normal operational (permanent) activities, and the potential impact would be less than significant. For significant construction activities occurring within 50 feet of an existing structure, construction vibration assessments may be warranted to ensure potential for damage is minimized and monitored.

Mitigation Measures:

– Vibration intensive construction operations such as pile driving should be avoided whenever possible in favor of less intensive alternatives such as caisson drilling.

– If vibration intensive operations must be conducted, active vibration monitoring of nearby sensitive structures should be conducted to ensure no foundational/structural damage occurs.

Level of Significance: Less than significant with mitigation.

4.4 Temporary Construction Noise Exposure, Impacts, and Mitigation Measures

Construction in the Development Areas would temporarily increase noise in the surrounding area. The temporary noise increases would result from use of construction equipment for the project, as well as from increased traffic as construction workers commute to and from the construction site. To prevent noise disturbance to the community, the Municipal Code limits construction activity to the hours between 8 a.m. and 7 p.m. Monday through Friday, And between 9 a.m. and 7 p.m. on Saturdays. No heavy equipment-related construction activities shall be allowed on Sundays or Holidays. Temporarily heightened noise levels would be

generated during construction. Noise levels would be consistent with the reference noise levels in Table 6 below:

Table 10 Construction Equipment Reference Noise Levels as Measured at 50' (FTA 2018)

Equipment	Noise Level (dB[1])	Equipment	Noise Level (dB)
Drill rig truck	84	Jackhammer	85
Horizontal Boring Hydraulic Jack	80	Large Generator	82
Front end loader or Backhoe	80	Paver or Roller	85
Excavator	85	Dump truck	84

Sound from a point source is known to attenuate at a rate of -6 dB for each doubling of distance. For example, a noise level of 84 dB Leq as measured at 50 feet from the noise source would attenuate to 78 dB Leq at 100 feet from the source and to 72 dB Leq at 200 feet from the source to the receptor. Based on the reference noise levels in Table 6, the noise levels generated by construction equipment at the project site may reach a maximum of approximately 85 dB Leq at 50 feet during site excavation and construction. The maximum noise level would result in short-term increases in noise to sensitive receptors in and adjacent to the project area; however, construction-related increase in noise would not constitute a significant noise-related impact.

Mitigation Measures: No mitigation is necessary beyond adherence to the Land Use Code.

Level of Significance: Less than significant.

5. Summary and Conclusions

GHD has quantitatively assessed the transportation noise impacts projected inside the City and established a land use compatibility plan for new development projects in the City. Mitigation measures for developments located in heightened acoustic conditions have been recommended to ensure compliance with the existing Municipal Code sound level exposure limits, and include central air conditioning, acoustic barriers, and/or upgraded building exterior construction.

Qualitative guidance is also included for screening assessment of the non-transportation noise impacts to identify industries that may warrant detailed assessments to ensure compatibility with sensitive uses, in cases where a new sensitive or industrial use is proposed. General concepts for noise mitigation are also discussed.

All relevant points pertaining to Appendix G of the CEQA guidelines on significance of noise impacts have been addressed and proper explanations, mitigation measures (where necessary), and policy adherence have been recommended to ensure less than significant impacts arise from both temporary noise and ground-borne vibrations operations as well as permanent noise increases associated with new developments.

[1] "dB" is an A-weighted decibel measurement for assessing hearing risk and, therefore, is used by most regulatory compliance.

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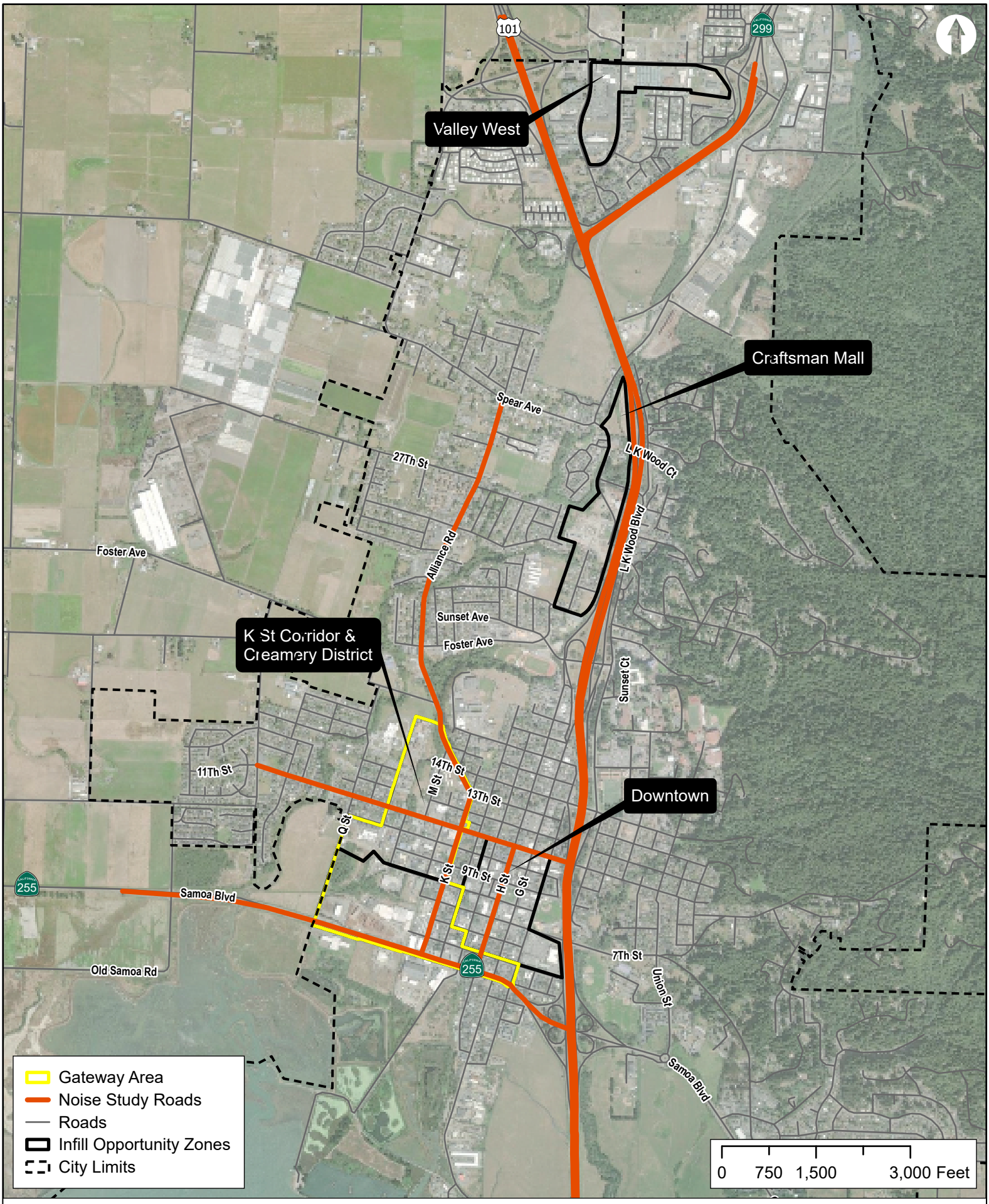


Figure 1

Noise Study - City of Arcata General Plan Update
Road source Location Plan

Created by GHD
Map Date: 5/4/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

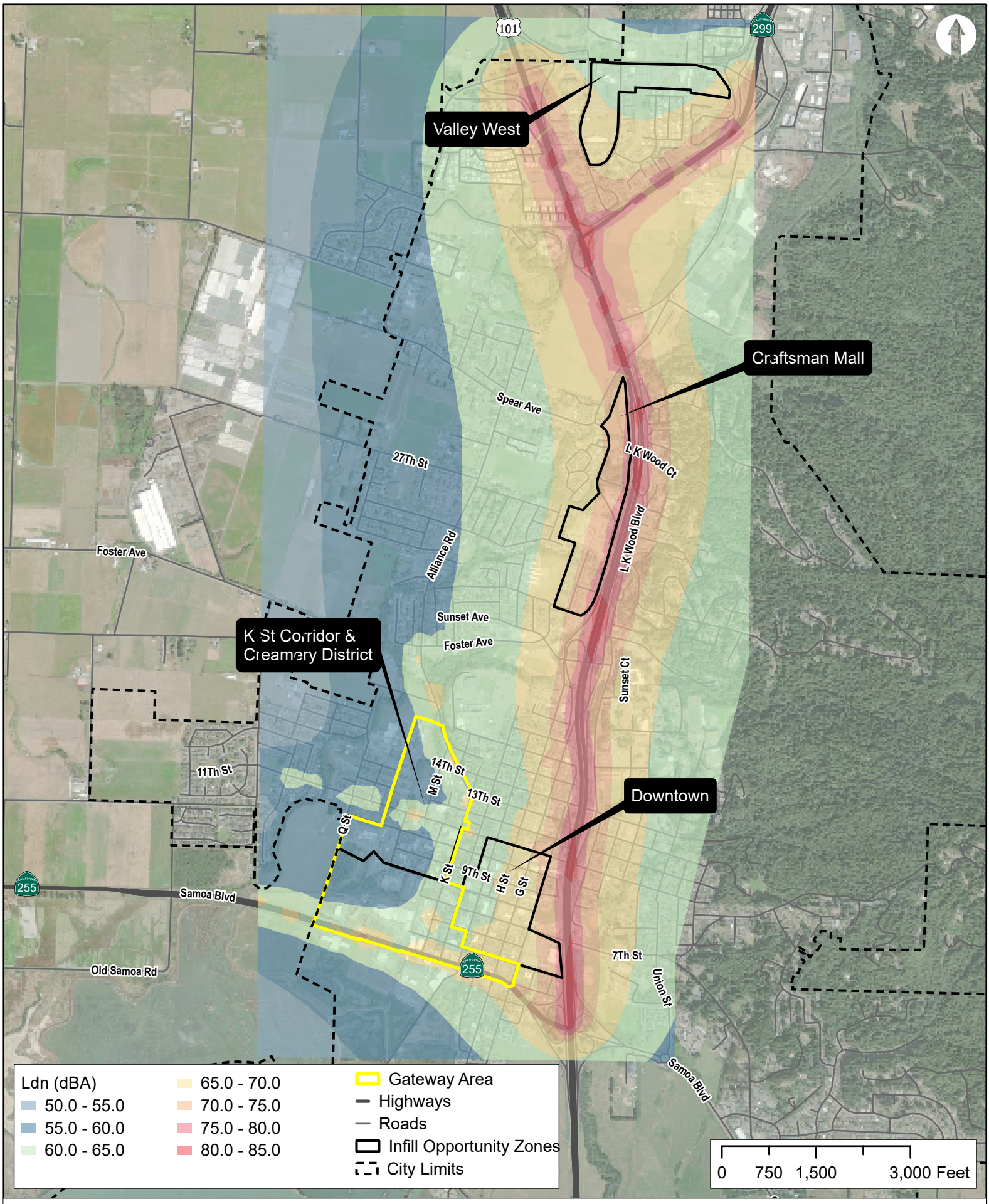


Figure 2

Noise Study - City of Arcata General Plan Update
Transportation Noise Contour - 2045 Traffic Noise

Created by GHD
Map Date: 5/4/2023

Source: Bureau of Land Management, Esri, HERE, Garmin, USGS, EPA, NPS, Maxar; Roads: Humboldt County; Proposed Facilities: GHD

Appendix G

Vehicle Miles Traveled Analysis

Technical Memorandum

March 27, 2023

To	David Loya, City of Arcata	**Email**	Paige.thornton@ghd.com
From	Paige Thornton, GHD; Don Hubbard, GHD	**Project No.**	11228577
CC	Misha Schwarz, GHD; Todd Tregenza, GHD; Delo Freitas, City of Arcata		
Project Name	City of Arcata Gateway Specific Plan and General Plan Update		
Subject	VMT Option 2 Smart Growth Score: Methodology and Guidance for SB-743 Implementation Interim Ordinance		

1. Introduction

This memorandum describes the proposed methodology for assessing transportation impacts in the City of Arcata (City) consistent with SB-743 and current CEQA Guidelines. Validation, testing and limitations of the proposed methodology, and initial findings associated with the methodology are presented herein. Additionally, GHD recommends a baseline VMT metric to which the City's average metrics will be compared and a percent reduction target for determining thresholds of significance. The methodology and guidance presented herein has been developed for use by the City in establishing an interim ordinance for SB 743 implementation in the City.

1.1 The VMT Problem

Assembly Bill (AB) 32, or Global Warming Solutions Act of 2006, set the State of California's first greenhouse gas emission (GHG) target which called on the state to reduce emissions to 1990 levels by 2020, and required the California Air Resources Board (CARB) to develop regulations and scoping plans to meet the state's GHG reduction goals. In 2016, SB 32 expanded upon AB 32 and set the goal of achieving a 40 percent reduction in emissions from 2020 levels.

The transportation sector has long been the single largest source of carbon pollution in the state. In 2020, the transportation sector accounted for 36.8% percent of the state's GHG emissions. Of the emissions associated with the transportation sector, 69.3% is associated with single passenger vehicle use. Single passenger vehicle use alone is thus responsible for 25.5% of the State's total emissions. An additional 8.8 percent of the State's total emissions are associated with heavy vehicles, meaning that on-road vehicle use accounts for 34.3 percent of the State's total GHG emissions.[1]

Previous research has shown that a neighborhood's environment affects travel behavior and further research has quantified the effects of smart growth practices on travel behavior. [2] This was done as part of the Sacramento Area Council of Governments (SACOG) Blueprint Project – the ground-breaking study of how smart growth policies could lead to reductions in vehicle-miles traveled (VMT) by examining the blind spots

[1] California Air Resources Board (2022). California Greenhouse Gas Emission Inventory - 2022 Edition. Data available at: https://ww3.arb.ca.gov/cc/inventory/data/data.htm

[2] *Making Travel Models Sensitive to Smart Growth Characteristics*, D. Hubbard and G. Walters, 2006.

inherent to traditional traffic models and improving the Sacramento regional traffic model's sensitivity to the four dimensions of smart growth, also known as the 4D's.

The Blueprint Project represented a sea change in how transportation impacts were analyzed, because it demonstrated that conventional travel demand models have inherent blind spots that make them insensitive to the effects of residential and employment **d**ensity, neighborhood **d**esign, **d**iversity of land uses in close proximity to one another, and access to regional **d**estinations (the 4D's). It went a step further and developed procedures external to traffic models to forecast the effects of the 4Ds on travel behavior. This work won a host of awards including US-EPA's National Award for Smart Growth Achievement, FHWA's Transportation Planning Excellence Award, the American Institute of Architects' Presidential Citation, and AMPO's National Award for Outstanding Achievement in Metropolitan Transportation Planning.

The Sacramento Blueprint Project was the inspiration for SB 375, or the Sustainable Communities and Climate Protection Act of 2008[3]. SB 375 was enacted to support the emissions reductions goals of AB 32 by specifically addressing the land use and transportation components of greenhouse gas emissions. By requiring the integration of land use, transportation, and housing policies through the development of regional Sustainable Communities Strategies (SCS), SB 375 focuses on reducing Vehicle Miles Traveled (VMT) and urban sprawl. Under SB 375, regional and local governments are pressured and incentivized to implement "smart growth," compact development and transportation alternatives with the goal of reducing VMT, the single largest source of all GHG emissions in California.

While the goal of SB 375 was to help jurisdictions plan communities that would result in reduced VMT, transportation impact requirements were still focused on congestion, or Level of Service (LOS), as a key measure of success, which does nothing for helping to reduce VMT. In fact, focusing on LOS as a key metric, results in the opposite, leading to more sprawl, forcing cities to prioritize the travel experience of vehicles over encouraging neighborhoods more comfortable for non-auto modes and contributing to longer driving distances due to development being more spread out in order to avoid congestion.

1.1.1 SB-743 as a Response

In response, SB 743 was signed into law in 2013. Beginning in July 2020, agencies were required to begin assessing transportation impacts based on VMT rather than LOS.

SB-743 addresses a range of topics and aims to better promote statewide policies that: (a) combat climate change by reducing greenhouse gas emissions and particulates; (b) encourage infill development and a diversity of uses instead of sprawl; and (c) promote multi-modal transportation networks, providing clean, efficient access to destinations and improving public health through active transportation. As part of implementing SB 743, revisions to CEQA Section 15064.3 that describes specific considerations for evaluating a project's transportation impacts went into effect statewide on July 1, 2020.

CEQA gives lead agencies broad discretion over analytical methodologies. CEQA Guidelines §15064.3(b)(4), which is new with SB 743, reads:

> "*Methodology. A lead agency has discretion to choose the most appropriate methodology to evaluate a project's vehicle miles traveled, including whether to express the change in absolute terms, per capita, per household or in any other measure. A lead agency may use models to estimate a project's vehicle miles traveled, and may revise those estimates to reflect professional judgment based on substantial evidence. Any assumptions used to estimate vehicle miles traveled and any revisions to model outputs should be documented and explained in the environmental document prepared for the project. The standard of adequacy in Section 15151 shall apply to the analysis described in this section*."

No particular methodology or metric is mandated; the choice is left to the lead agency. In making this choice, an agency should bear in mind what sort of criteria the legislature had in mind for determining the significance of transportation impacts goals of SB-743. These were expressed in PRC §21099(b)(1),

[3] Darrell Steinberg, the author of SB 375 and later SB 743, represented Sacramento in the State Legislature and was heavily involved in the Blueprint Project. He is currently Mayor of Sacramento.

"*Those criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses*."

The methodological approach for assessing transportation impacts in the City of Arcata presented herein is adapted from The Blueprint Project approach described previously. The following section describe the proposed methodology in detail.

2. Methodology

Design parameters

In setting out to design a tool to replace traditional travel demand modeling for SB-743 analysis, our team kept these key design parameters in mind:

- The tool must be capable of analyzing and measuring the components of SB-743's description of impact criteria, namely: "*Those criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses*." (PRC§ 21099(b)(1))
- The tool should provide useful information beyond what can be obtained using a travel demand model alone.
- The tool must be of practicable use in-house by agency staff with limited resources. So:
    - The tool should use data that is readily available.
    - It should be possible to input the background data once (the initial set-up by consultants) and thereafter only need input data for the project being analyzed (by agency staff).[4]
    - The tool should work on software already available to most planning and public works departments in California, rather than on specialized modeling software.
    - Run times should be relatively short—minutes rather than hours.
    - It should be easy to use; ideally staff can learn it in the course of a single afternoon.

The need for quantitative analysis on widely available software led to the decision to use a spreadsheet-based tool. The next section describes the characteristics of the tool developed and the associated methodology.

2.1 Analysis Steps

Data shows that when housing is in close proximity to shops and services uses people will walk or bike to those uses at least some of the time, and even if they drive, the trips will be short (i.e., low VMT trips)[5]. Similarly, the likelihood of people walking or biking to work, rather than driving, is influenced by the distance between their homes and workplaces. So, measures of proximity are also measures of the potential for VMT reduction. The methodology presented herein consists of determining the land use characteristics across the jurisdiction to assess the potential for interacting with complementary land uses through non-auto trips, and computing scores measuring land use diversity, density, and proximity to destinations

The steps in the methodology are shown in flow chart in Figure 1 and are described in detail below. The steps are as follows:

[4] Background data may need to be periodically updated in the future, if the background data inputs become outdated based on local or regional residential or employment growth. This can be done in GIS at the parcel level and editing the input data, or by identifying the hexagon zones in which growth has occurred and applying a growth factor as appropriate. This may require assistance from a consultant, depending on the technical capacity and/or access to software of the involved City staff.

[5] Section 15064.3(b)(3) provides for an analysis of transportation impact to be based on proximity to destinations.

Compute Base Land Use Inputs

1. The analysis area—the City of Arcata and its sphere of influence (SOI)—and the Humboldt County region was divided into hexagons. A hexagon was identified as within the City's SOI if the centroid of the hexagon is within the SOI boundary. The hexagons are sized so that the distance from the center of any given hexagon to the opposite edge of a neighboring hexagon is 0.5 miles. The size of the hexagons was based on survey data of typical distances for walking trips by Americans. This means that all of the land uses in a given hexagon and its neighboring 6 hexagons are within comfortable walking and biking distance.
2. The number of households, retail jobs, and non-retail jobs is input for each hexagon. This data would typically come from a parcel database or from census data.[6] For the purposes of this tool, "retail jobs" include employment types where trips to the site by visitor/customers are equal to or greater in number than the home-base work (HBW) trips made by employees.[7] So retail, service, finance, and medical employment are all categorized as retail jobs. "Non-retail jobs" are those where most of the trips to the site are HBW trips. This category includes non-medical office, government, industrial, and agricultural jobs.
3. The three land use categories for each hexagon and its six neighbors are aggregated to represent the land use characteristics available within comfortable walking distance to people in the hexagon.

Computing the Diversity Indices

4. Based on the data from the preceding step, the following scores are computed, each representing a different type of interaction between land uses:

   Jobs/Housing Diversity – This is the relative number of jobs, retail and non-retail, in the seven hexagons compared to the number of households in the same seven hexagons. This represents the opportunity to walk or bike to work. If a car is used, then the distance traveled will be short. In traffic forecasting this type of trip is termed a home-based work (HBW) trip.

   Retail/Housing Diversity - This is the relative number of retail jobs in the seven hexagons compared to the number of households in the same seven hexagons. This represents the opportunity to walk or bike locally for non-work trips. If a car is used, then the distance traveled will be short. In traffic forecasting this type of trip is termed a home-based other (HBO) trip.

   Jobmix Diversity – This is the relative number of retail jobs compared to non-retail jobs in the seven hexes. This represents the opportunity for interactions between complimentary non-residential uses to use walking or bicycling modes. An example of this would be someone walking from their office to a restaurant or coffee shop. If a car is used, then the distance traveled will be short. In traffic forecasting this type of trip is termed a non-home-based work (NHB) trip.

   The formulas used to calculate these scores were as follows:

   Jobs/Housing Diversity =1-[ABS(b*HHs-EMP)/(b*HHs + EMP)]

   Retail/Housing Diversity = 1-[ABS(d*HHs-REMP)/(d*HHs + REMP)]

   Jobmix Diversity = 1-[ABS(c*REMP-NEMP)/(c*REMP + NEMP)]

   Where:

   HH = Number of households

   REMP = Number of Retail and Service Jobs

   NEMP = Number of Non-Retail Jobs

   EMP = Total number of jobs (i.e., REMP + NEMP)

[6] Existing households and jobs by hexagon were estimated using Humboldt County parcel data, 2020 occupied housing unit estimates from the 2020 Decennial Census and 2019 Longitudinal Employer-Household Dynamics (LEHD) employment by industry data.
[7] Trips were calculated using the residential and employment land use estimates and the trip generation rates from the Humboldt County Travel Demand Model (HCTDM).

b = total regional employment / total regional households

d = total regional retail/service employment / total regional households

c = total regional non-retail jobs / total regional retail jobs

The three diversity variables can be thought of as measures of how far the land use mix has deviated from the ideal mix. The scores ranging from -1 (only one of the three land use types is present) to +1 (only the other land use type is present), with the ideal score being zero (no deviation from the ideal mix).

The ideal mix of land uses, represented as variables “a”, “b”, and “c” above, are determined from the county-wide mix of the three land use types. The rationale for this is the fact that land uses tend to balance when viewed over a large area. For example, government jobs may be concentrated in one part of the region and industrial jobs in another, while residences and shops are distributed among various other communities. However, when taken together, the housing, retail, and non-retail uses in a region tend to occur in the correct proportions for that particular region.

5. The diversity scores can then be mapped out using GIS software. If a two-color scheme is used, as shown in, Figure 11, for example, then it is easy to see which parts of the study area have a good local balance of land uses and which areas have a relative over-concentration of one type of land use.

Computing the Density Scores

6. Studies have shown that residential and employment density affect average travel behavior and VMT. In the case of residential density this is because dense communities tend to be comprised of smaller dwelling units, with fewer residents and thus fewer trips/unit. In the case of employment density this is due to interactions not just between retail and non-retail jobs, but also due to trip chaining between businesses, such as parking once and walking to several destinations, or delivery vehicles making multiple stops within a neighborhood.

   The residential density score is computed by dividing the number of households in each hexagon by the acreage of the hexagon, then normalizing the calculated score to a 0 to 100 scale, where the hexagon with the highest density score for the region, in this case Humboldt County, receives a score of 100 and the lowest receives a score of 0. Similarly, the employment density score is computed by dividing the total number jobs in each hexagon by the acreage of the hexagon.

Computing the Destinations Scores

7. The destinations score for each hexagon is then computed for each of three trip types. It is computed from the travel demand model as the sum, for all hexagons in the study area, of the attractions in a hexagon times the trip distance from the hexagon’s TAZ to the hexagon in question. Or, expressed another way:

   Destinations = Sum [Attractions(j)*Travel Impedance(i,j)] for all regional TAZs “j”

   A destinations score is computed separately for HBW, HBO, and NHB trips.

Combining the Individual Scores into an Aggregate Score

8. The land uses from Step 2 are multiplied by the trip generation rates to find the number of HBW, HBO, and NHB trips generated by each hex.

9. The number of trips of each type is then converted into a percentage of trips for each type. This percentage will vary depending on the hexagon. For example, an industrial area will be mostly HBW trips with some NHB and few if any HBO, while a residential area will have many HBO, some HBW, and few NHB.

10. The elasticities of VMT with respect to density, diversity, and destinations from the Blueprint project are then applied separately to HBW, HBO, and NHB trips. The result is an estimated reduction in the VMT

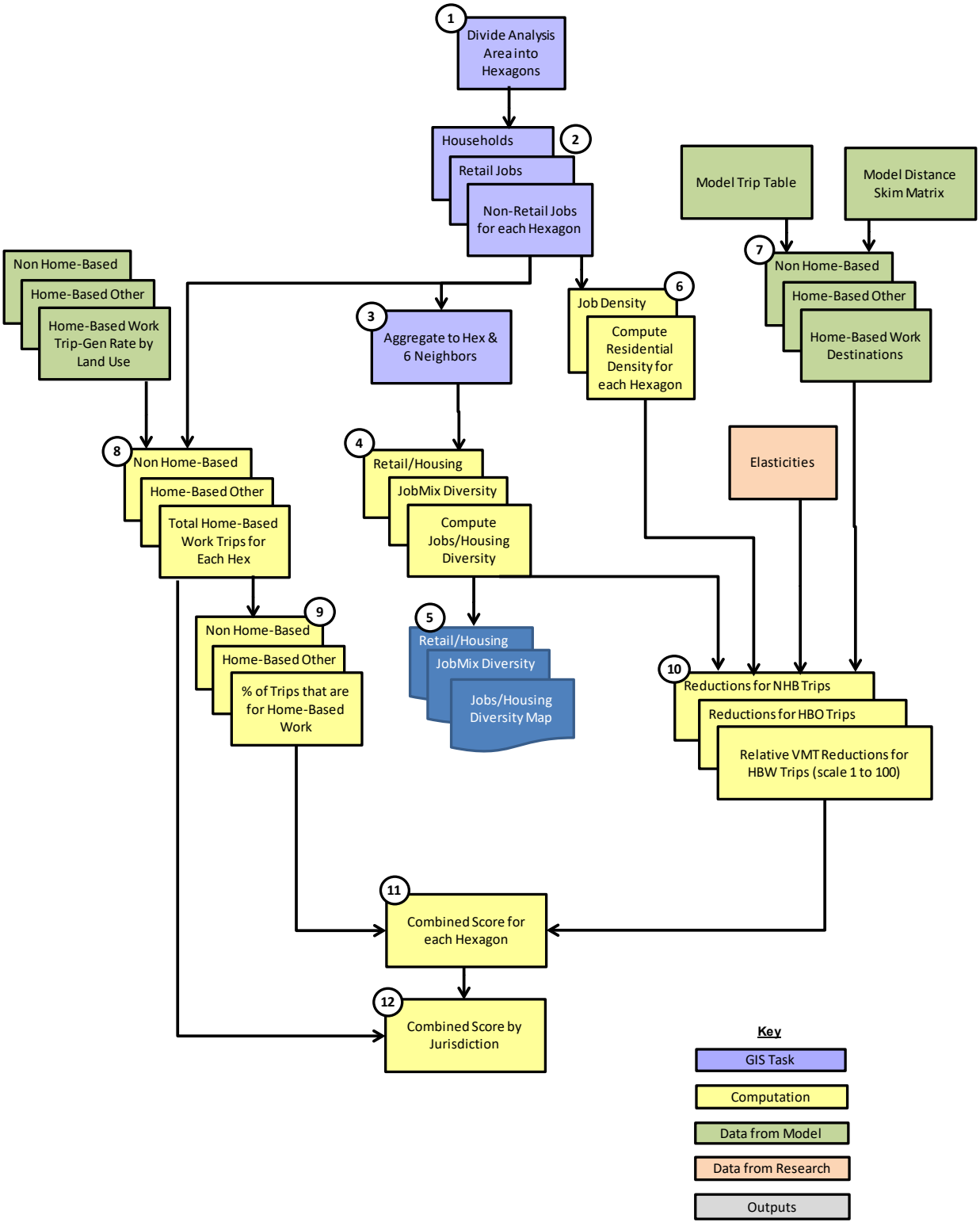
for each trip type. This is scored in relative terms on a scale of 1 to 100, with 1 being the worst score possible and 100 the best.

11. Then the overall score for each hexagon is the computed by combining the effect on HBW, HBO, and NHB trips by weighting the effect on each trip type by the percentage of trips from that hexagon that are that type.
12. A combined score for a jurisdiction can then be computed using an average of the scores of each hexagon in the jurisdiction, weighted by the number of trips generated by the hexagon.

Computing Countywide Score

Using the same methodological steps above, the existing countywide score was computed to compare against the existing citywide score to aid in establishing thresholds of significance.

Figure 1: Overview of Methodology



2.2 Validating the Methodology

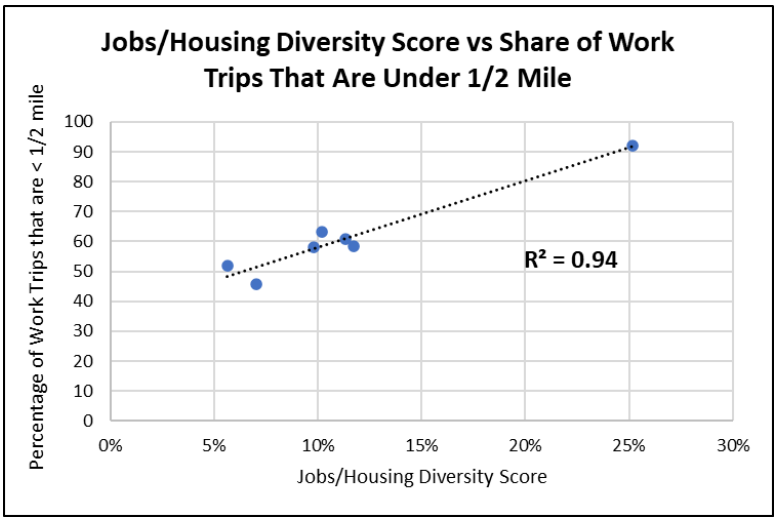
Prior to using this, or any other, analytical tool for CEQA analysis, it is best practice to test whether the results are supported by substantial evidence. In this case we felt it prudent to check the results with recent data in Caltrans District 1 region. We therefore used Replica data on travel behavior from the seven incorporated cities in Humboldt County as an independent[8] check of whether the tool's underlying assumptions regarding travel behavior are borne out in the field. Replica represents movement by combining data from three primary sources: public use population census data, proprietary locational data from telecommunications and other IT infrastructure in the region, and field observations data from customer public agencies (ground truth). It is used by many public agencies for VMT-related work.

2.2.1 Jobs/Housing Diversity Score

The Jobs/Housing Diversity score is a measure of the neighborhood-scale balance between workers' residential location and their job location. The underlying assumption is that people take proximity to their workplace into account when choosing their home, and vice-versa. So, a person may choose to live in a neighborhood close to their job or, conversely, may seek jobs that are close to their home, or may simply be better aware of job opportunities in their neighborhood compared to more distant locales. While not everyone will choose to live close to their work, the higher percentage that do so will reduce average VMT by making walking and biking viable options to driving and, if the traveler does drive, shortening the length of the vehicle trip.

Figure 2 graphs the Jobs/Housing Diversity score of each city against the share of work trips that are under ½ mile in length. The data shows a very strong relationship between the two (the R-square[9] is 0.94), which confirms that the underlying assumption is correct; when people live in close proximity to workplaces, they are more likely to have short work trips.

Figure 2: Jobs/Housing Diversity Score vs Share of Work Trips That Are Under 1/2 Mile



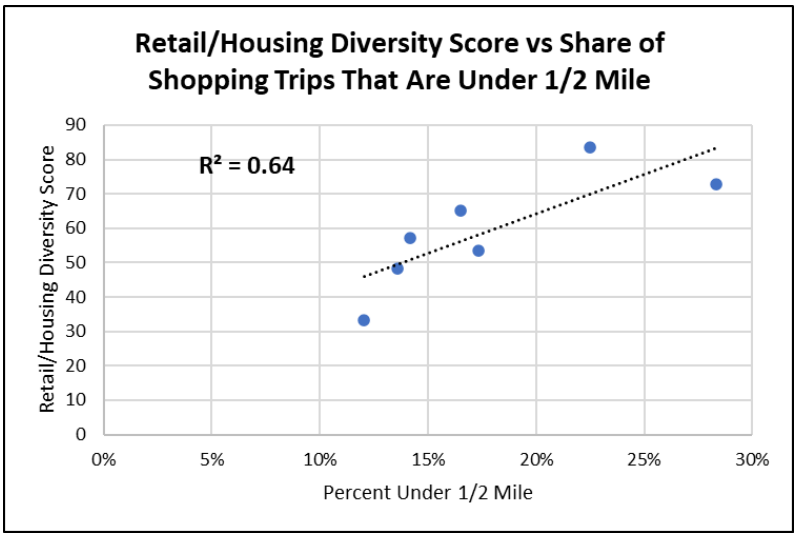
2.2.2 Retail/Housing Diversity Score

The Retail/Housing Diversity score is a measure of the neighborhood-scale balance between shoppers' residences and opportunities to shop and eat locally. The underlying assumption is that if people have such opportunities close to their homes, then they will increase the percentage of short shopping trips they take relative to longer ones. This will reduce VMT by making walking and biking viable options to driving and, if the traveler does drive, shortening the length of the vehicle trip.

[8] "Independent" meaning that the data set used to test the methodology was different from the data set used to develop the methodology.
[9] R-square (R^2) is the proportion of variation in Y (in this case the Diversity score) explained by the independent variable X (the percentage of shopping trips that are under ½ mile). An R^2 of 0.94 means 94% of the variation in the output can be explained by the input variable.

Figure 3 is a graph showing the relationship between each city's Retail/Housing Diversity score and the share of shopping trips[10] that are under 1/2 mile. The data shows a strong relationship between the two (the R-square is 0.64), which confirms that the Retail/Housing Diversity score is a good indication of whether residents will, in fact, do more of their shopping locally.

Figure 3: Retail/Housing Diversity Score vs Share of Shopping Trips That Are Under 1/2 Mile

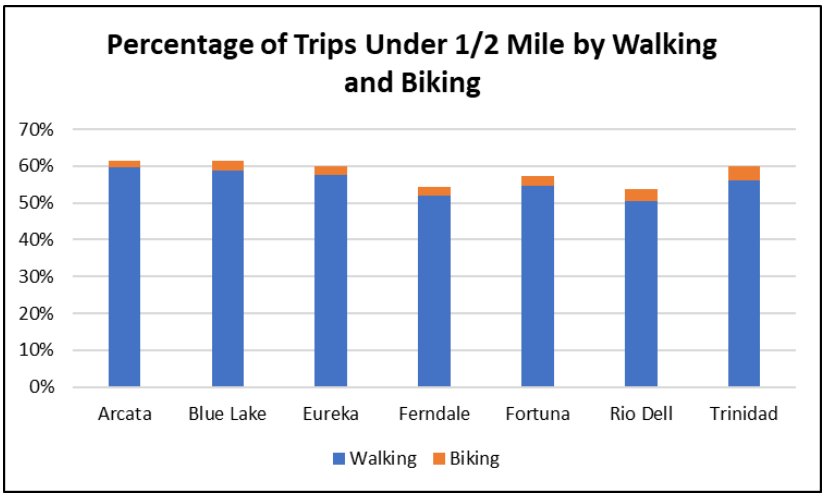


2.2.3 Mode Split for Short Trips

As mentioned in the preceding discussion, the fact that a higher percentage of trips are short in places with good Diversity scores reduces VMT for trips made by automobile. However, even greater reductions in VMT occur when people choose to use non-auto modes for these trips, thus reducing the VMT for those trips to zero. The next check was to see whether the underlying assumption that non-auto modes would form a significant share of short trips was true.

Figure 4 shows the percentage of trips of all types under ½ mile in each of the cities that is made by walking or biking. In every case walking and biking accounted for more than half of short trips. This confirms the assumption that locally balanced land uses will not only reduce the length of auto trips but also reduce the number of auto trips made.

Figure 4: Percentage of Trips Under 1/2 Mile by Walking and Biking



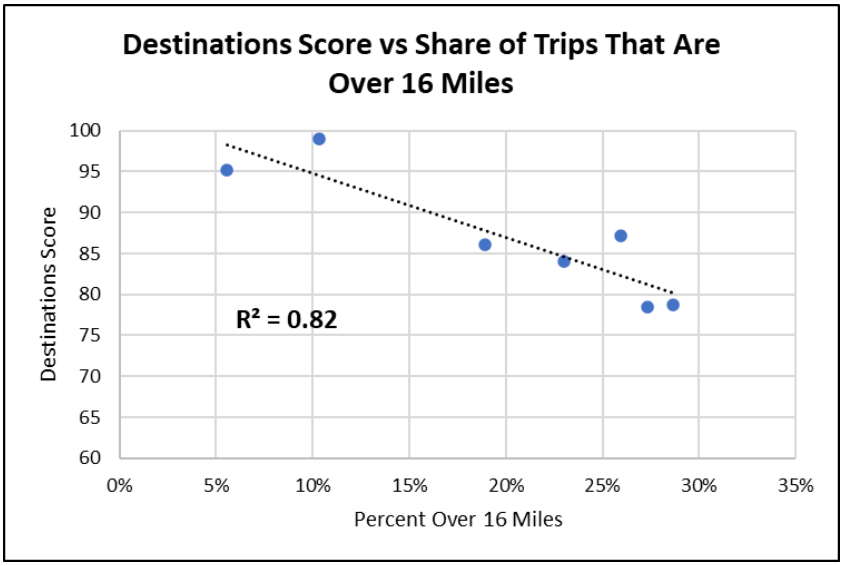
[10] The figures shown are for trips under Replica's Shop, Eat, and Other categories. This excludes trips in the Work, Social, School, Recreation, Errands, and Commercial (freight) categories.

2.2.4 Destinations

The Destinations score is a measure of how far a particular location is from the places that attract trips, such as offices, shopping areas, schools, airports, etc. While the Diversity scores are indicative of the likelihood of a person making short trips, Destinations measures the likelihood that they will make long trips. The underlying assumption is that people living in places with a high Destinations score will make long trips less frequently and so generate less VMT per capita.

Figure 5 graphs each city's Destinations score against the share of trips originating in that city that are over 16 miles long[11]. The data confirms the fact that the Destinations score is strongly indicative of the propensity to make long trips; i.e. the higher the score, the fewer long trips are made.

Figure 5: Destinations Score vs Share of Trips That Are Over 16 Miles



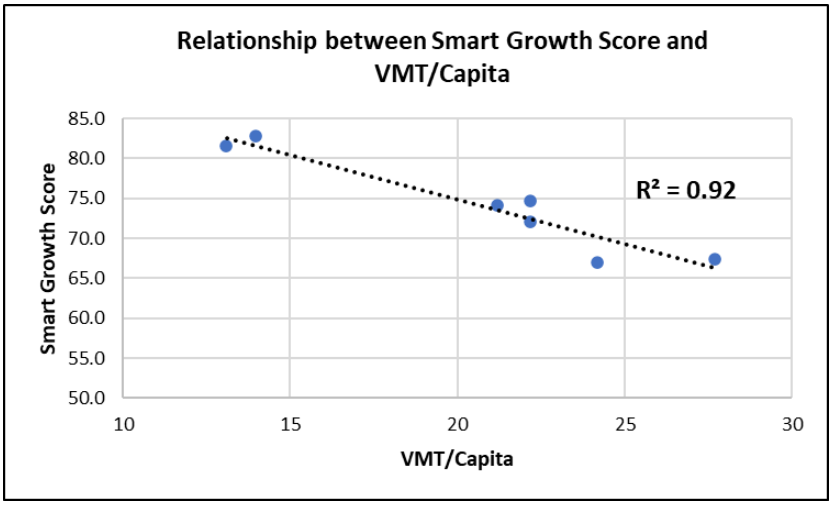
2.2.5 Overall Smart Growth Score

Once each of the testable components had been confirmed with independent substantial evidence, the final test was whether the aggregate score, which consists of a weighted combination of the individual scores, was in fact indicative of VMT per capita.

Figure 6 graphs the Smart Growth Score against the average VMT per capita for the seven six cities. As can be seen in the figure, the score bears a very strong relationship with VMT per capita.

[11] The 16-mile distance was chosen based on the distance intervals available in Replica's database.

Figure 6: Relationship between Smart Growth Score and VMT per Capita



2.2.6 Validation Conclusion

Our conclusion from the validation tests was that the methodology indeed captures important relationships between land uses and VMT per capita. Land use projects that increase an area's Smart Growth Score are likely to result in reductions in VMT.

2.3 Advantages of the Methodology

This methodology offers several practical advantages:

a) Ease of Use: It does not require expensive software or extensive training to use, as is the case with most traffic models. City staff can evaluate projects in-house using GIS and Excel.

b) Nuanced, Informative Results: Unlike other methodologies, whose output is a just a number saying the VMT is high or low, this methodology provides a clear indication of the underlying causes of high or low auto use. For example, at the project level it might show the analyst that a proposed housing project is in a location that lacks local shopping opportunities and might be improved with the addition of locally serving retail. At the general plan level, it might show that a city as a whole is tilted too far towards residential uses and that additional residential development would increase VMT/capita if not mitigated by contemporaneous local retail and non-retail developments. It would even tell the user which type of development would be more helpful in reducing VMT, retail or non-retail.

c) Appropriate Scale: While this methodology cannot substitute for a conventional traffic model for forecasting over large geographic areas (entire counties), it is likely to provide a more accurate representation of travel behavior in a small town than is possible with a conventional model. This is because traffic models incorporate certain necessary simplifications, such as centroid connectors and frictionless intersections, that are inconsequential when forecasting long trips but are highly distorting when forecasting trip-making over small areas. With a total area of just over 9 square miles of land area, the City of Arcata is the sort of compact, walkable city better suited to a proximity-based model than a trip-based model.

2.4 Limitations of the Methodology

As is the case with any tool, there are situations where the smart growth score is useful and other situations where it either cannot be used or where some other methodology might be better suited to the task. The main limitations to the tool are:

- It can only be used to analyze land development projects. Transportation projects require a different analytical methodology.
- It was designed for use in analyzing smaller jurisdictions that are not part of a large, contiguous urban area. In small, relatively isolated towns trips tend to be either long, to another jurisdiction, or short, within the jurisdiction. In such circumstances a focus on balancing land uses within the jurisdiction can reduce the longer trips by substituting local destinations in place of more distant ones. Moreover, the short distances within the jurisdiction create the potential for a significant percentage of trips to be made by non-auto modes. Conversely, a city that is part of a large contiguous urban area is likely to have a lot of medium-length trips that are not represented well in this tool. A conventional traffic model would work better in that case.
- The smart growth score is not suitable for places with substantial fixed-route transit use, because transit is not represented in the tool. Fixed route transit plays such a minor role in the transportation networks of most small jurisdictions in California[12] that its inclusion is not worth the additional complexity it would entail. The dial-a-ride services that are sometimes available are analogous to auto trips and so are already represented in the model.

[12] It does not show up at all in the Replica data for jurisdictions in Humboldt County.

3. Smart Growth Scores

The following sections discuss the components that make up the VMT Option 2 “Smart Growth Score” methodology proposed for SB 743 implementation in the City of Arcata. The estimated distribution of existing land uses, as well as the results for diversity, density, and destinations analyses of the existing condition are presented herein. Additionally, the overall scores are reported for the City of Arcata and Humboldt County as a whole. The city- and countywide scores support our recommended thresholds, which are discussed in a following section.

3.1.1 Land Use & Trip Estimates

Figure 7, Figure 8 and Figure 9, respectively, show the estimated distribution of households, retail jobs and non-retail jobs by source hexagon zone within the City of Arcata’s SOI. Figure 10 shows the distribution of total trips associated with this estimated distribution of land uses. While the general pattern of concentrated land use is seen through the center of the City, in the areas flanking US 101, at the northern end of the City and to the southeast of US101 / SR 255 (Samoa Blvd), there is some variation between the distribution of the three land use types considered herein.

3.1.2 Residential Land Use

The City’s residential land use is estimated based on the census block-level occupied housing unit count and group quarter population from the 2020 U.S. Decennial Census, which comprise what is categorized as households herein. As shown in Figure 7, the City’s residential land use is most concentrated through the center of the City, in the neighborhoods on either side of US 101, including Humboldt State University, within the California Heights, Sunset and Westwood neighborhoods, within some hexes at the northern end of the City in the Valley West and Vassaide neighborhoods and to the southeast of SR 255 (Samoa Blvd) / US 101 in the East Arcata neighborhood.

3.1.3 Employment

Employment within the City’s SOI is estimated using 2019 Longitudinal Employer-Household Dynamics (LEHD) employment by industry data. Retail/service employment is presented Figure 8 and non-retail/service employment is presented in Figure 9.

3.1.3.1 Retail/Service Jobs

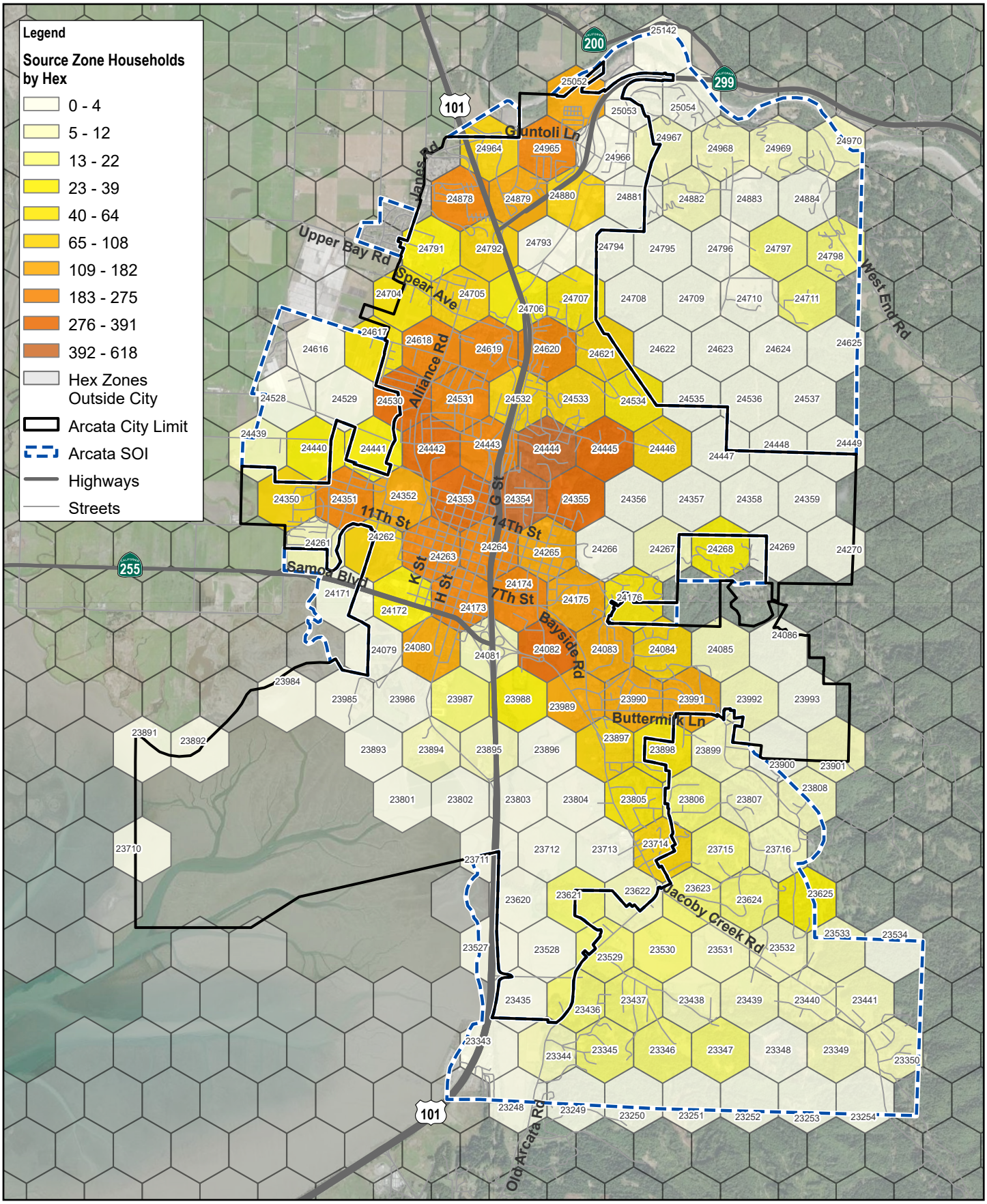
As shown in Figure 8 the highest concentration of retail/service jobs is to the west of US 101 in the City’s Uniontown, Downtown Plaza Area, and Arcata Heights neighborhoods, and near the university. There are also a few pockets at the northern end of the City near the intersection of US 101 and SR 299, as well as to the southeast of SR 255 / US 101, where health services and some commercial development is located.

3.1.3.2 Non-Retail/Service Jobs

As seen in Figure 9, the largest concentration of non-retail/service jobs is at the university campus. There are also some hexes to the west/southwest of the university, as well as to the east of SR 255 / US 101 and at the northern end of the City where non-retail jobs are concentrated.

3.1.4 Total Trips

Figure 10 presents the distribution of total trip associated with each hex, which includes home-based work, non-home based and home-based other trips. Unsurprisingly, trips are concentrated in the same areas where residential and non-residential land use is concentrated. Most trips are associated with a cluster of 5 hexes at and near the university, as well as at the northern end of the City and to the east of Sr 255 / US 101.



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CITY OF ARCATA
VMT OPTION 2: SB 743 IMPLEMENTATION

DISTRIBUTION OF EXISTING HOUSEHOLDS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **February 2023**

FIGURE 7

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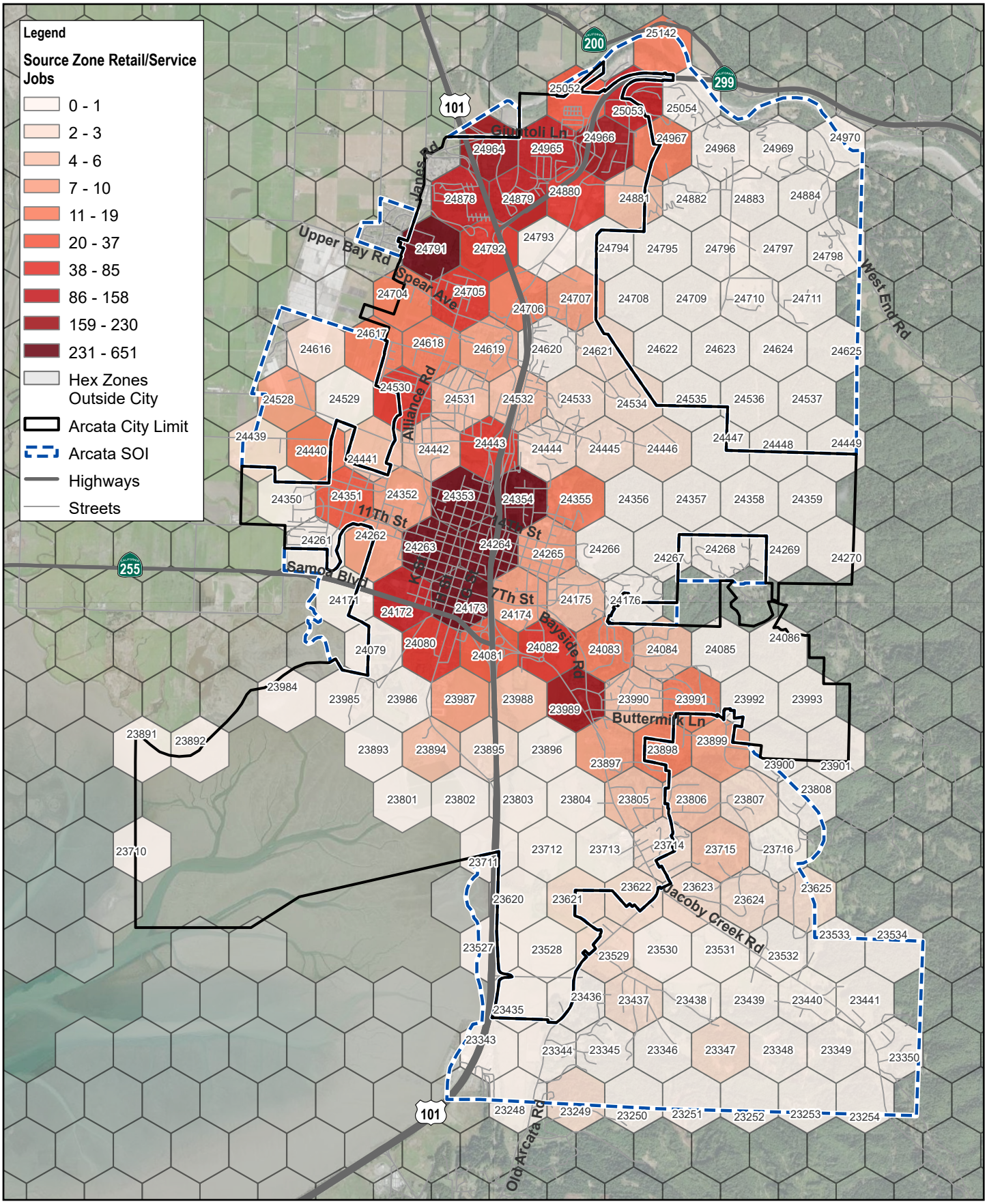

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CITY OF ARCATA
VMT OPTION 2: SB 743 IMPLEMENTATION

DISTRIBUTION OF EXISTNG RETAIL/SERVICE JOBS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **February 2023**

FIGURE 8

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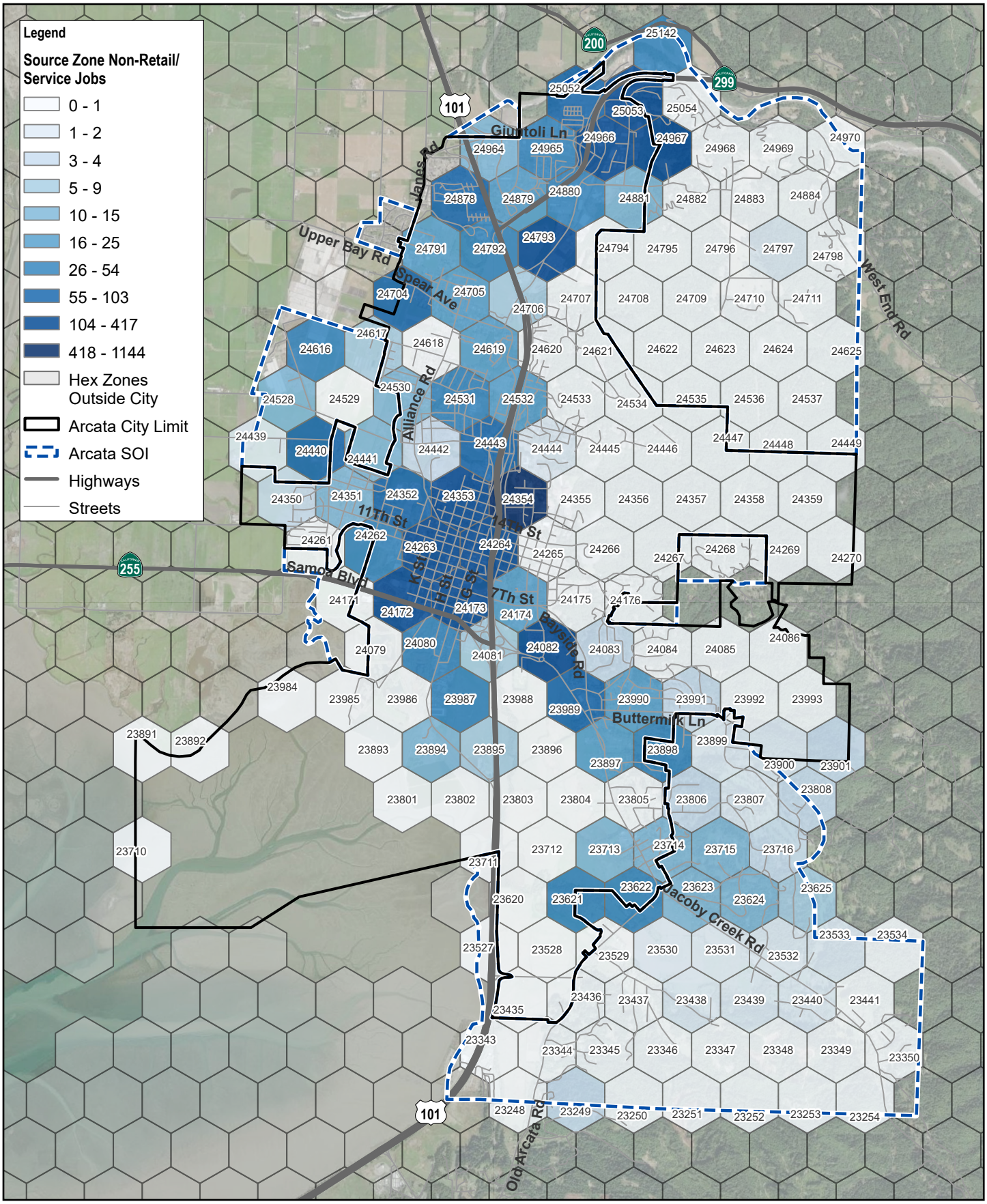

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CITY OF ARCATA
VMT OPTION 2: SB 743 IMPLEMENTATION

DISTRIBUTION OF EXISTING NON-RETAIL/SERVICE JOBS BY HEX ZONE

Project No. **12586262**
Revision No. **-**
Date **February 2023**

FIGURE 9

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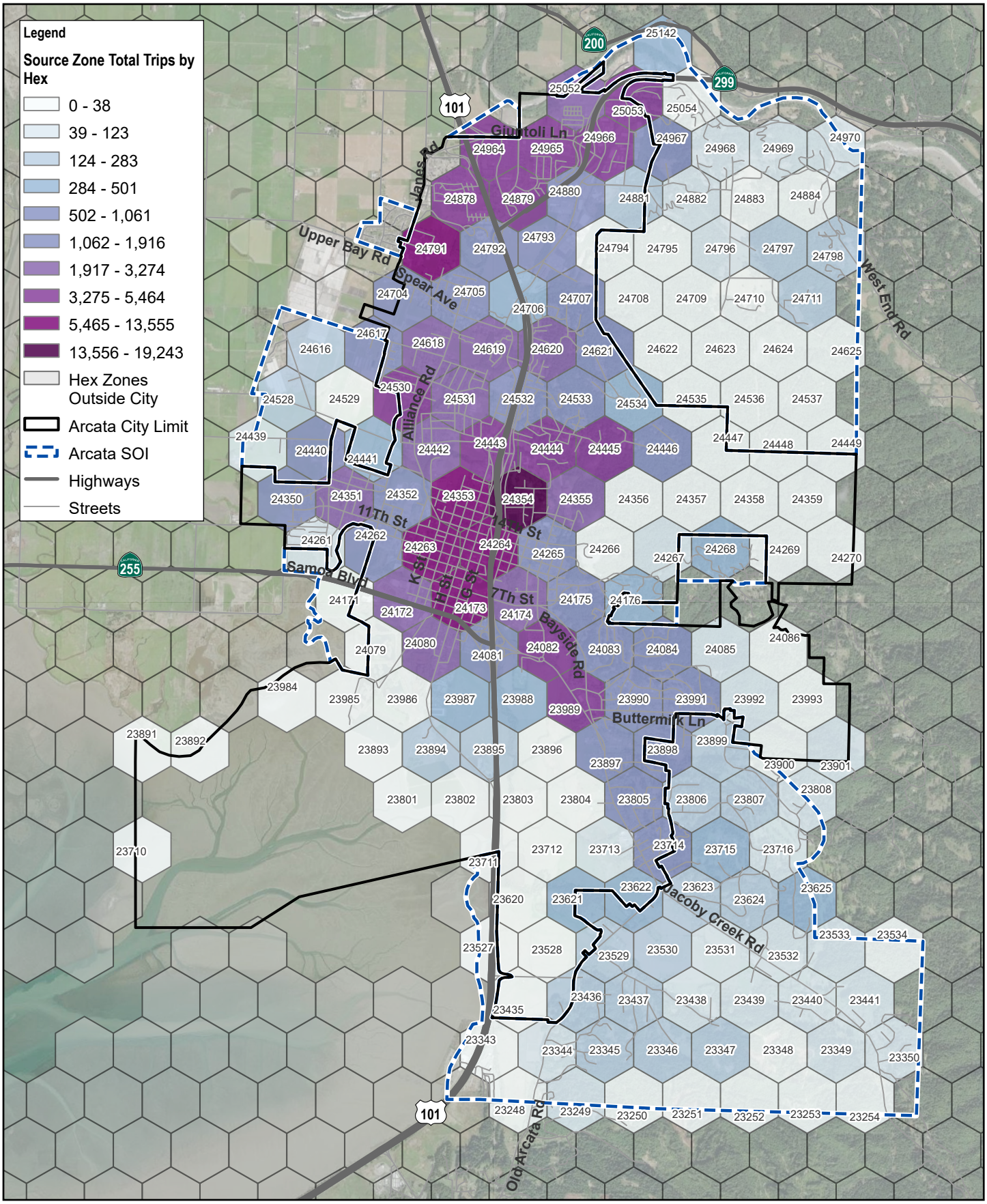

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CITY OF ARCATA
VMT OPTION 2: SB 743 IMPLEMENTATION

DISTRIBUTION OF EXISTING TOTAL TRIPS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **February 2023**

FIGURE 10

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Data source: City Boundary, SOI Boundary, Streets: Humboldt County GIS, 2023; Highways: TIGER, 2022.
World Imagery: Maxar. Created by: pthornton

3.1.5 Land Use Diversity

Figure 11, Figure 12, Figure 13 and Figure 14, respectively, show the jobs/housing, jobmix, retail/housing and overall diversity indices results, as well as trips by hex, associated with the areas within the City's SOI. As discussed in the methodology section of this memorandum, the jobs/housing, jobmix, and retail/housing diversity formulas produce scores for individual hexagons that range from -1 to 1, with a score of 0 indicating an ideal mix of land uses and scores of -1 and 1 indicating that only one of the land uses is present. The diversity score is calculated based on the sum of land uses within a given hex and its surrounding six hexes. The results computed for each of these indices in the City of Arcata are discussed in the sections below.

3.1.5.1 Jobs/Housing Diversity

The jobs/housing diversity index represents an individual's opportunity to walk to/from their place of employment from where they live based on the mix of residential and employment land use within a given hex zone and its surrounding zones. A score of -1 within this index represents an over-abundance of employment relative to housing (purple hues), while a score of 1 indicates an over-abundance of housing relative to employment (orange hues). A score of 0 indicates a perfect balance between jobs and housing (lightest hues on the purple to orange spectrum). The main map frame of Figure 11 shows the jobs/housing diversity calculated for the areas within the City's SOI, as well as the number of total trips associated with each hex. The map inset on the left side of the figure shows the jobs/housing diversity scores by hex across the County.

While some areas are shown as leaning toward too much employment or too much housing, it is important to also note the magnitude of trips coming from these areas, which is indicated by the presence and size of the circles within the hexagonal areas. For example, many hexes on the eastern and southern ends of the City's SOI lean toward more residential land use, but there are very few trips associated with these hexes. This means there is very little land use located in these areas and the impact on the City's total diversity is small or non-existent because the total diversity score is weighted by the number of trips associated with the area.

As shown in Figure 11, the areas closest to the university are relatively well balanced between jobs and housing with scores ranging from -0.30 to 0.30 and have the greatest number of trips. The areas to the west of US 101 through downtown Arcata also show a significant share of the City's trips but lean toward more jobs than housing. Building more housing in these areas would improve the jobs to housing land use mix and could reduce VMT/capita.

3.1.5.2 JobMix Diversity

The jobs mix diversity index represents the opportunity for interaction between retail and non-retail uses based on the mix of employment types within a given hex zone and its surrounding zones. A score of -1 (blue hues) within this index represents too much non-retail/service employment relative to retail uses, while a score of 1 (red hues) indicates too much retail/service employment, and a Null value indicates no employment. The main map frame of Figure 12 shows the jobs mix diversity calculated for the areas within the City's SOI, as well as the home-based work trips associated with each hex. The map inset to the left side of the figure shows the Jobmix scores by hex across the County.

As shown in Figure 12, throughout much of the City, retail and non-retail employment is in different areas (the red and blue hexagons). However, in the areas of the City where home-based work trips are the most concentrated, there is relative balance, especially in the hexes near the university (light colored hexagons).

3.1.5.3 Retail/Housing Diversity

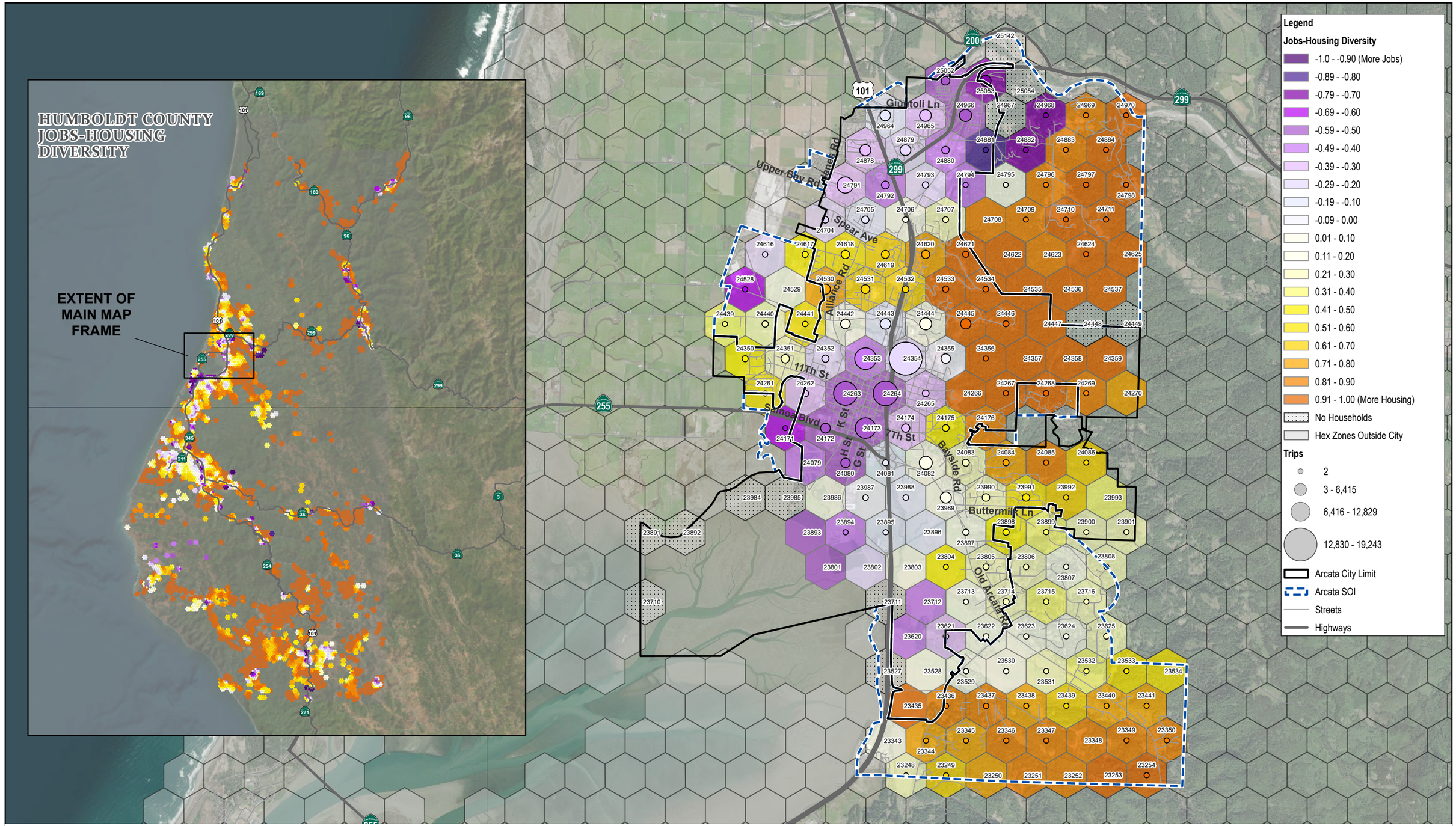
The retail/housing diversity index represents an individual's opportunity to walk from their home to shopping trips based on the mix of residential and retail land use within a given hex zone and its surrounding zones. A score of -1 within this index represents too much retail relative to nearby housing, while a score of 1 indicates too much housing relative to opportunities to shop locally. The main map frame of Figure 13 shows the retail/housing diversity calculated for the areas within the City's SOI, as well as the number of total trips

associated with each hex. The map inset on the left side of the figure shows the retail/housing diversity scores by hex across the County.

As shown, the areas with the most trips are located through the center of the City. Similar to the jobs/housing diversity results, the areas to the west of US 101 near the City's downtown show a significant share of the City's trips but lean toward having more retail/service land use than housing. Again, building housing in these areas would improve the land use mix and could reduce VMT.

3.1.5.4 Overall Diversity Score

The total diversity index combines the three diversity indices scores and weights these scores based on the number of trips associated with the source hexagon. Weighting the total diversity score by trips negates the impact of areas with little land use and few or no trips on the overall diversity score. Figure 14 shows the total diversity calculated for the areas within the City's SOI, as well as the number of total trips associated with each hex.



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CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

EXISTING JOBS-HOUSING DIVERSITY WITH TOTAL TRIPS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 11

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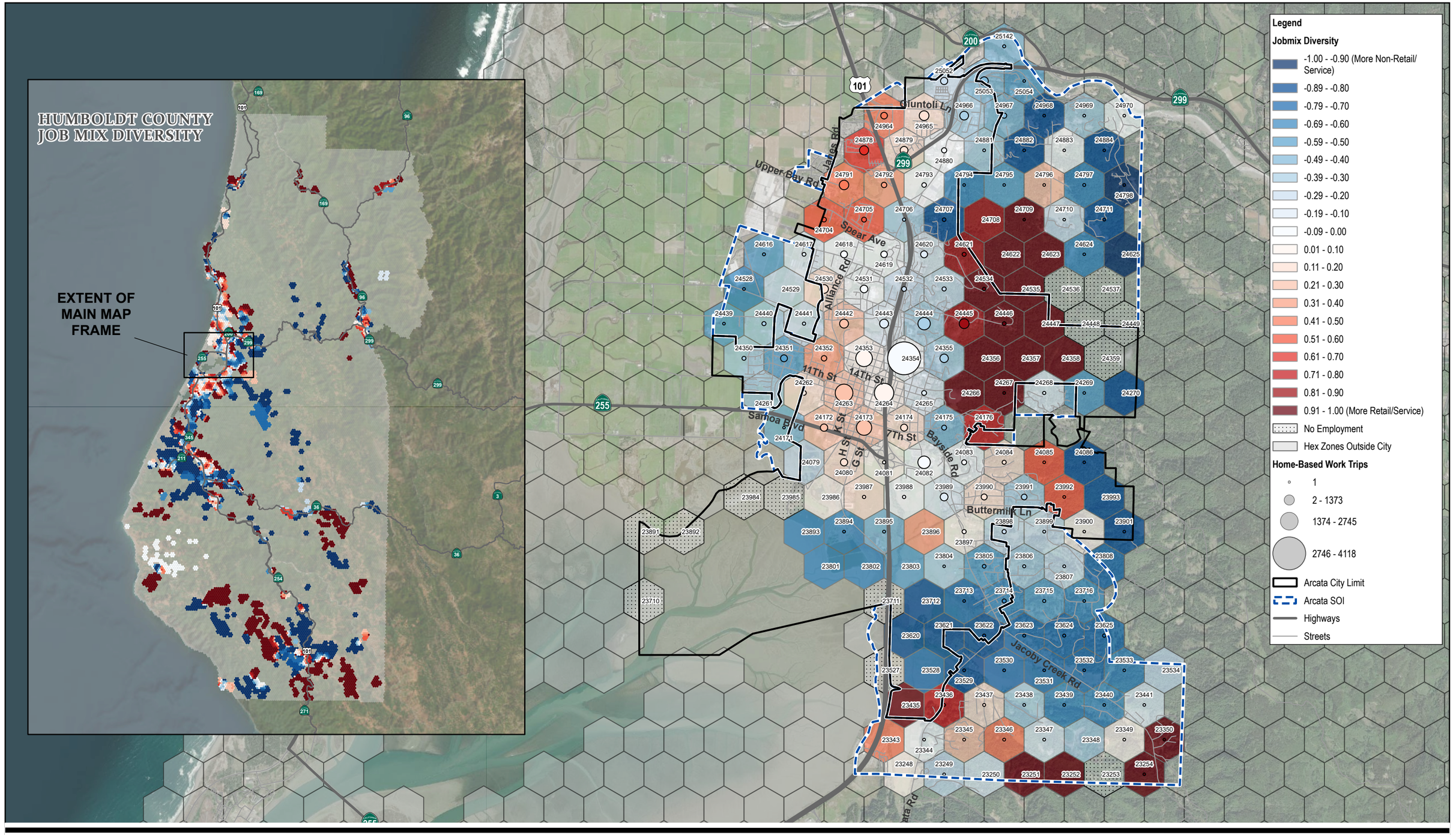

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CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

EXISTING JOBMIX DIVERSITY WITH HOME-BASED WORK TRIPS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 12

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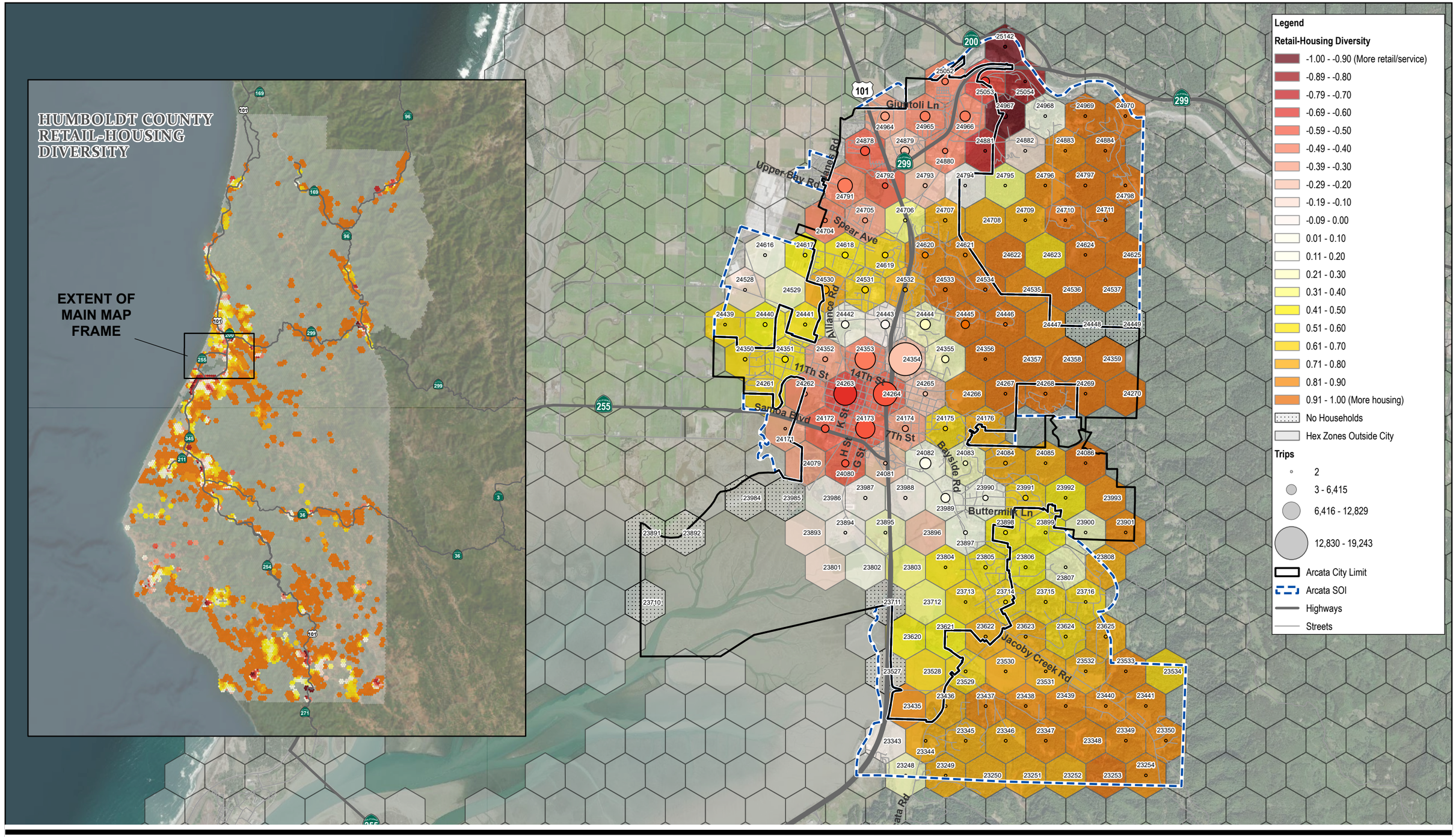
World Imagery: Maxar. Created by: pthornton



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CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

EXISTING RETAIL-HOUSING DIVERSITY WITH TOTAL TRIPS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 13

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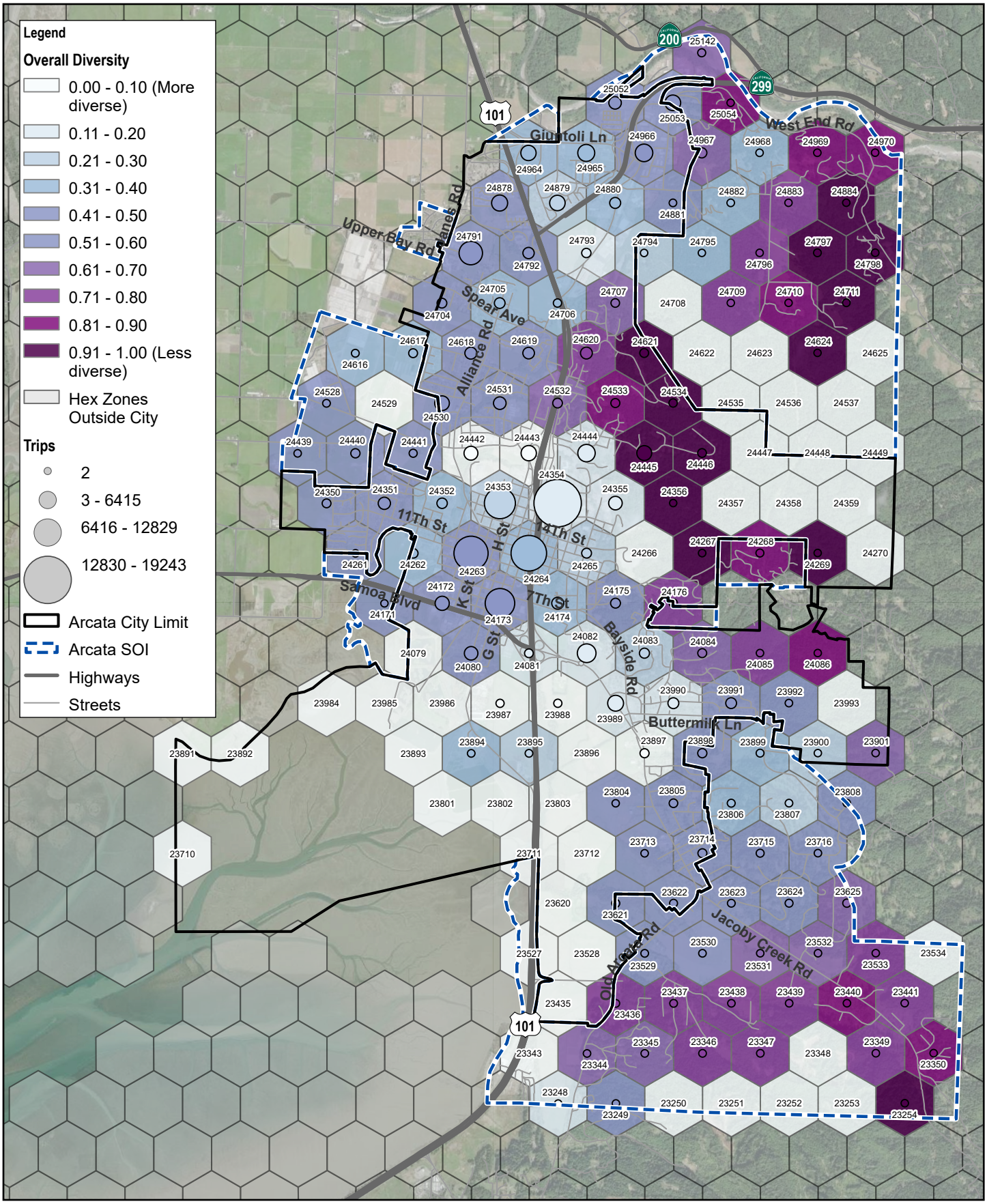
Data source: Highways: TIGER, 2022; Streets: City of Arcata, 2021; Boundaries: Humboldt GIS, 2022; World Imagery: Earthstar Geographics
World Imagery: Maxar. Created by: pthornton



Paper Size ANSI A

0 1,750 3,500

US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

N

GHD

CITY OF ARCATA
VMT OPTION 2: SB 743 IMPLEMENTATION

OVERALL DIVERSITY SCORE & TOTAL TRIPS BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **February 2023**

FIGURE 14

\\ghdnet\ghd\US\Eureka\Projects\561\11228577\GIS\Maps\Deliverables\11228577_VMT Option 2_20230207\11228577_VMTOption2_20230207.aprx
Print date: 14 Feb 2023 - 16:11

Data source: City Boundary, SOI Boundary, Streets: Humboldt County GIS, 2023; Highways: TIGER, 2022.
World Imagery: Earthstar Geographics. Created by: pthornton

3.1.6 Land Use Density

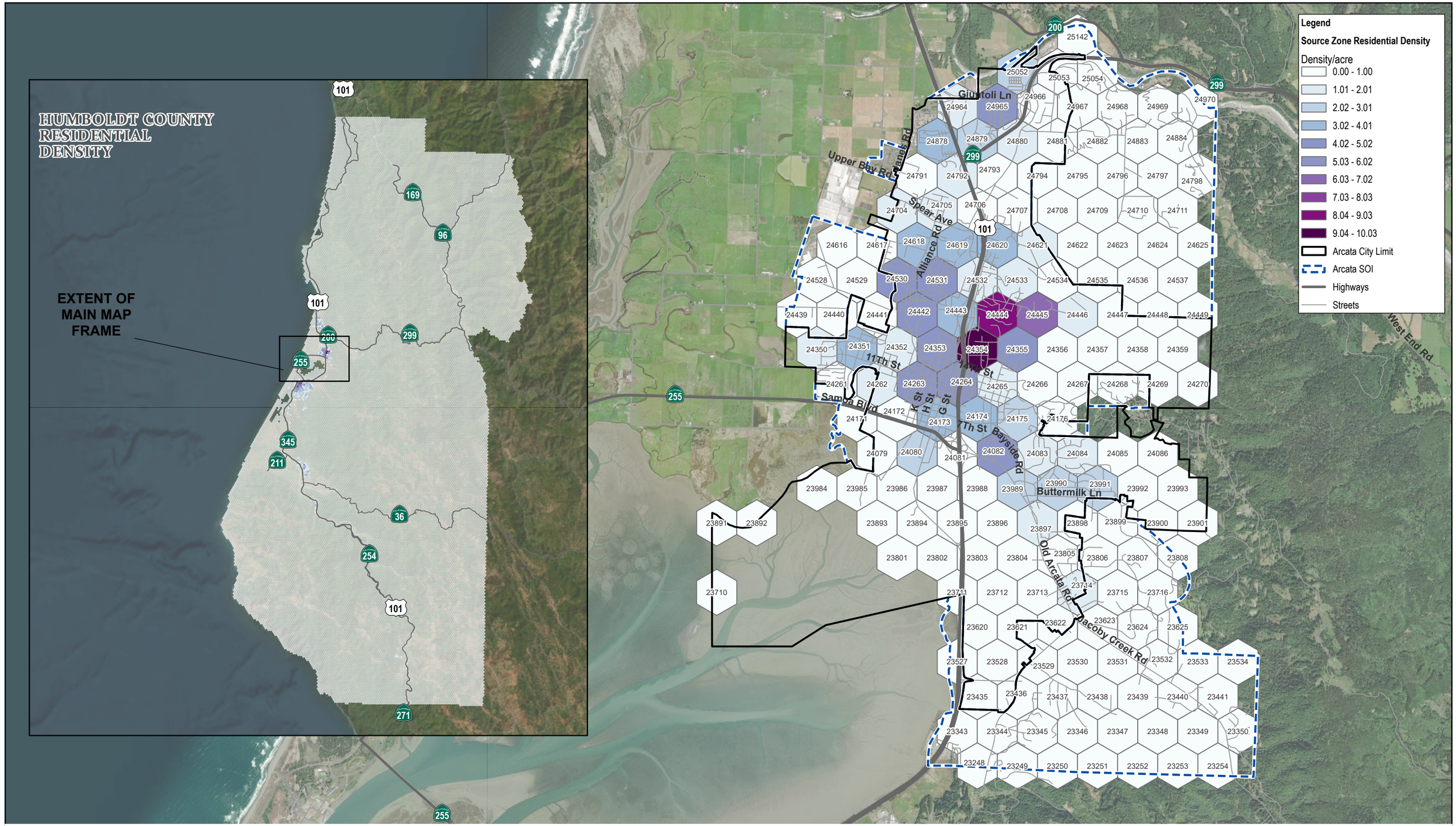
The density scores use a relative rather than absolute scoring system, calculating the residential and employment density within the source hex, and normalizing the score relative to the densities throughout the rest of the County. The residential density score is computed by dividing the number of households in each hexagon by the acreage of each hexagon, then normalizing the calculated score to a 0 to 100 scale, where the hexagon with the highest density score in the County receives a score of 100 and the lowest receives a score of 0. Similarly, the employment density score is computed by dividing the total number jobs in each hexagon by the acreage of the hexagon and normalizing the score to a 0 to 100 scale. The overall density score by jurisdiction is then also weighted by total trips.

Both the highest residential and the highest employment densities in the City of Arcata are located within hex zone 24354, which is the area at/near the university. Residential density in this location is about 10 households/acre, while the employment density is about 27.35 jobs/acre. Since the residential density in this hex is the highest in the County, the hex receives a score of 100. The employment density receives a score of 45.8 because it is normalized to the highest score in the County, which is 59.70 jobs/acre within a hex located in the City of Eureka.

The actual residential and employment densities for the City and County are shown in Figure 15 and Figure 16, respectively. The density scores for the whole jurisdiction, which is weighted by trips, is reported in a later section.

3.1.7 Proximity to Regional Destinations

Figure 17 presents the trip-weighted average destinations score by hex zone on a zero (worst) to 100 (best) scale. The main map frame shows the results for the City of Arcata, while the map inset on the left shows the results for the County. As shown, hexes in Arcata score high on its proximity to regional destinations because the city is a regional destination within Humboldt County. Although there is little variation in the destinations score within the City, there is a lot of variation in the County as a whole. The outlying communities that have a low destinations score would tend to have high VMT/capita.



Paper Size ANSI B

0 1,000 2,000 3,000 4,000

US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California I FIPS 0401 Feet

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CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

RESIDENTIAL DENSITY BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 15

\\ghdnet\ghd\US\Eureka\Projects\561\11228577\GIS\Maps\Deliverables\11228577_VMT Option 2_20230207\11228577_VMTOption2_20230207.aprx - Existing_ResidentialDensity_City_County_ANSIB
Print date: 16 Feb 2023 - 10:43

Data source: Highways: TIGER, 2022; Streets: City of Arcata, 2021; Boundaries: Humboldt GIS, 2022; World Imagery: Earthstar Geographics
World Imagery: Maxar. Created by: pthornton

HUMBOLDT COUNTY EMPLOYMENT DENSITY

EXTENT OF MAIN MAP FRAME

Legend

Countywide Employment Density by Hex

Density/acre
- 0.00 - 0.12
- 0.13 - 0.47
- 0.48 - 1.09
- 1.10 - 2.03
- 2.04 - 3.32
- 3.33 - 5.94
- 5.95 - 9.11
- 9.12 - 19.03
- 19.04 - 27.35
- 27.36 - 59.70
- Highways

Legend

Source Zone Employment Density

Density/acre
- 0.00 - 2.74
- 2.75 - 5.47
- 5.48 - 8.21
- 8.22 - 10.94
- 10.95 - 13.68
- 13.69 - 16.41
- 16.42 - 19.15
- 19.16 - 21.88
- 21.89 - 24.62
- 24.63 - 27.35
- Arcata City Limit
- Arcata SOI
- Highways
- Streets

Paper Size ANSI B

0 1,000 2,000 3,000 4,000

US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California I FIPS 0401 Feet

N

GHD

CITY OF ARCATA
SB 743 IMPLEMENTATION: VMT OPTION 2

EMPLOYMENT DENSITY BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 16

\\ghdnet\ghd\US\Eureka\Projects\561\11228577\GIS\Maps\Deliverables\11228577_VMT Option 2_20230207\11228577_VMTOption2_20230207.aprx - Existing_EmploymentDensity_City_County_ANSIB
Print date: 14 Feb 2023 - 16:17

Data source: Highways: TIGER, 2022; Streets: City of Arcata, 2021; Boundaries: Humboldt GIS, 2022; World Imagery: Earthstar Geographics. Created by: pthornton



Paper Size ANSI B

0 1,000 2,000 3,000 4,000

US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

N

GHD

CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

WEIGHTED AVERAGE DESTINATIONS SCORE BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 17

\\ghdnet\ghd\US\Eureka\Projects\561\11228577\GIS\Maps\Deliverables\11228577_VMT Option 2_20230207\11228577_VMTOption2_20230207.aprx - Existing_Destinations_ScoreCity_County_ANSIB
Print date: 14 Feb 2023 - 16:33

Data source: Highways: TIGER, 2022; Streets: City of Arcata, 2021; Boundaries: Humboldt GIS, 2022; World Imagery: Earthstar Geographics. Created by: pthornton

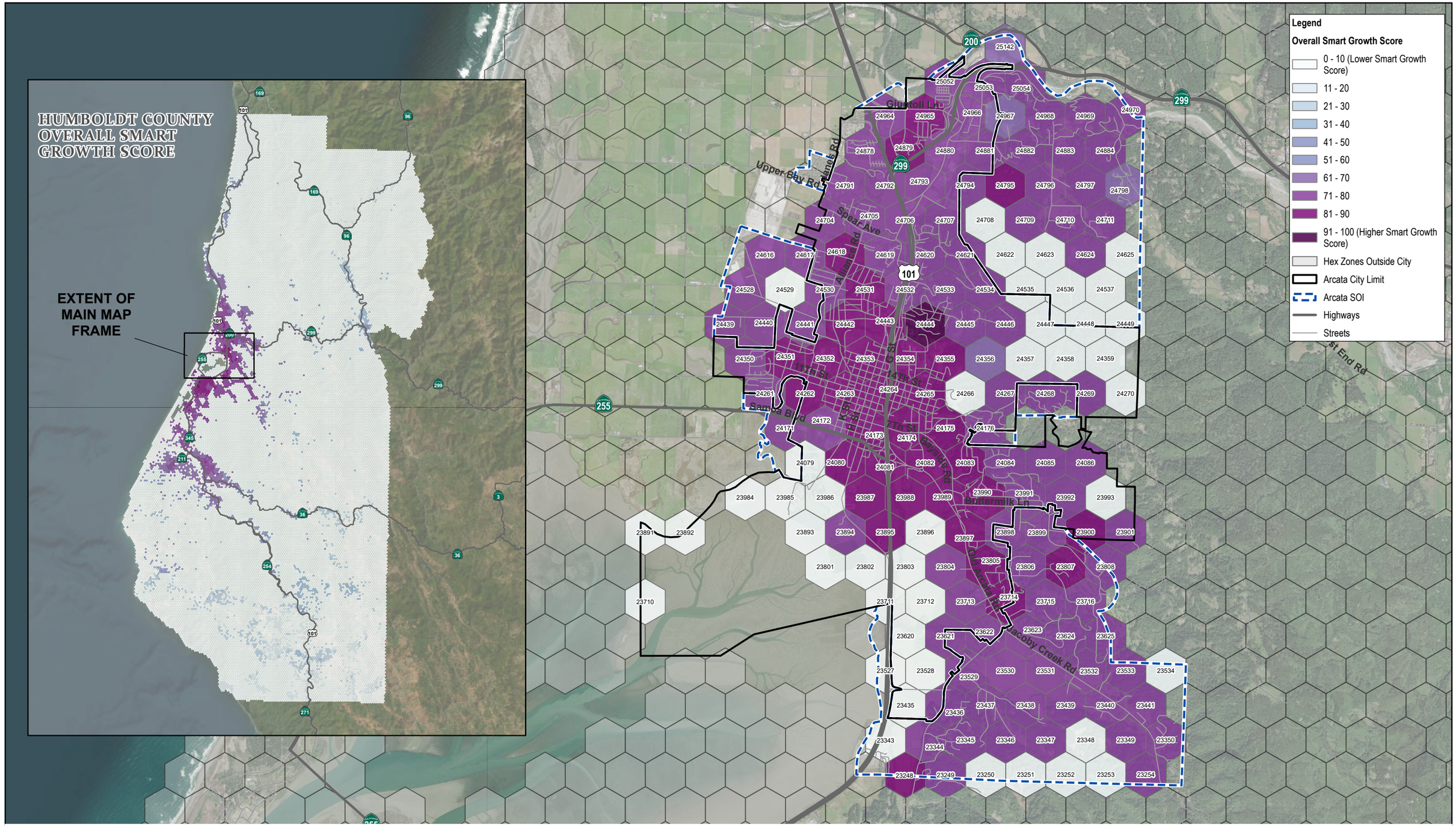
3.1.8 Overall Smart Growth Score

Figure 18 presents the existing overall smart growth score by hex zone, with the main map frame showing the results for the City of Arcata and the map inset on the left side of the figure showing the countywide results. These results are also shown by jurisdiction in Table 1. As shown in Figure 18, most of the City of Arcata scores well when the different components that make up the smart growth score are considered together.

Table 1: Humboldt County Overall Smart Growth Scores by Jurisdiction – Existing Condition

Jurisdiction	Diversity Scores			Density Scores			
	Jobs/ Housing Diversity	JobMix Diversity	Retail/ Housing Diversity	Residential Density	Employment Density	Average Destinations	Total Weighted Score
City of Arcata	**58.3**	**77.4**	**53.5**	**37.5**	**13.1**	**95.1**	**81.5**
Blue Lake	51.9	71.5	33.2	10.2	5.4	87.2	72.0
Eureka	58.1	62.2	57.1	26.2	15.0	99.0	82.7
Ferndale	92.1	81.2	83.6	12.2	2.1	84.0	74.6
Fortuna	63.2	69.0	65.0	21.7	3.4	86.1	74.0
Rio Dell	45.6	77.5	48.4	17.6	0.9	78.5	67.4
Trinidad	60.7	70.1	72.8	6.0	4.0	78.8	67.0
Unincorporated County	47.6	45.0	39.5	9.4	1.2	70.4	58.7
Countywide Average	55.7	60.8	51.4	22.6	9.2	88.3	74.3

As shown in Table 1, the total weighted score for the City of Arcata is 81.5. Table 1 also shows the scores for the other incorporated jurisdictions in the County, the unincorporated areas and the countywide average. The other jurisdictions are included here to show how areas within the County compare against each other. Additionally, the countywide average is important to consider when deciding upon a baseline to compare impacts against and whether to use a local or regional threshold, which is discussed in the following section.



Paper Size ANSI B

0 1,000 2,000 3,000 4,000

US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

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GHD

CITY OF ARCATA
SB 743 IMPLEMENTATION:
VMT OPTION 2

OVERALL SMART GROWTH SCORE BY HEX ZONE

Project No. **11228577**
Revision No. **-**
Date **Feb 2023**

FIGURE 18

\\ghdnet\ghd\US\Eureka\Projects\561\11228577\GIS\Maps\Deliverables\11228577_VMT Option 2_20230207\11228577_VMTOption2_20230207.aprx - Existing_Overall_SmartGrowth Score_City_County_ANSIB
Print date: 14 Feb 2023 - 16:42

Data source: Highways: TIGER, 2022; Streets: City of Arcata, 2021; Boundaries: Humboldt GIS, 2022; World Imagery: Earthstar Geographics. Created by: pthornton

3.2 Thresholds of Significance

CEQA analyses performed under SB-743 require the use of thresholds, as was the case for the LOS-based analyses they replaced. These thresholds may be adopted for general use or may be chosen ad hoc for use on individual projects. We recommend that the City establish three types of thresholds, namely:

1) **Thresholds for Screening by Size:** CEQA offers categorical exemptions for very small projects from having to do EIRs, both because of the negligible impact they are likely to have on the environment and because the expense of performing an EIR might make small projects unviable. We recommend that the City use the Class 1, for small expansions of existing uses, and Class 3, for new small projects, exactly as they are written in CEQA Guidelines §15301 and §15303, respectiively. Some jurisdictions are experimenting with converting the thresholds in the CEQA Guidelines, which are measured in square feet, into some sort of equivalent in vehicle trips per day. We do not recommend this approach, because it involves a series of assumptions that may prove difficult to defend[13], and in any case offers no significant advantages for the City of Arcata over the sections as written.

2) **Thresholds for Land Development Projects:** The methodology described in this memo is intended for use in analyzing land use projects. As with other aspects of SB-743, there is considerable uncertainty regarding how the thresholds should be set. OPR's Technical Advisory suggested using a threshold requiring a 15% reduction in VMT over existing conditions. The 15% number originated in CARB's *California's 2017 Climate Change Scoping Plan*, where it was computed as the average reduction state-wide that would be needed to achieve the State's GHG reduction goals. However, this state-wide average may not be appropriate for all jurisdictions, and CARB has more recently set higher targets in some MPO areas and lower targets in others. For example, CARB's latest plan calls for a 19% reduction in VMT for the state's four largest MPOs[14] down to less than 10% for some of the smaller MPOs. The City of Arcata is not in an MPO region, and thus is not included in CARB's target-setting. For that reason, we suggest using the targets for Shasta RTA, as it is both the geographically closest MPO and demographically most similar MPO to the City of Arcata. CARB set the target for Shasta RTA at a 4% reduction in average per-capita VMT.

3) **Thresholds for Transportation Projects:** As stated earlier, it is the intent of SB-743 that lead agencies use criteria that "... *shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses*." (PRC §21099(b)(1)). We recommend setting a threshold that explicitly focuses on balancing transportation modes within the city. An example would be:

   > *"A project's impacts shall be deemed significant if it results in a percentage increase in road capacity higher than the percentage increase in bicycle or multi-use capacity."*

   Note that this threshold would make all active transportation projects presumptively less-than-significant. It would not preclude the City from undertaking road expansion projects, but it would mean that such projects would need to include expansion of the bicycle facility system as well. As written, it would require a 1%-to-1% expansion of the two systems, but it could easily be tweaked to require a 1%-to-2% or 3% expansion of bike facilities to help that system catch up with the facilities offered to cars.

The countywide score is computed in the same fashion as described above and is calculated at 74.3 (see Table 1). Based on the 4% threshold referenced above, an impact threshold could be established that aims to achieve a total smart growth score for the City that is at least four percent higher than existing regional averages for Humboldt County. The method for determining the percentage difference between a city's score and the County average is shown in Table 2. As can be seen in the table, the City of Arcata's overall score of 81.5 means that it is 18.5 points away from the ideal score. Since the countywide average score is 74.3, or 25.7 points from perfect, Arcata's score is 28% better than the countywide average.

[13] Among other things, a threshold based solely on the number of trips generate would be vulnerable to challenge for not taking trip length into account.
[14] SCAG, MTC, SANDAG, and SACOG

Table 2: Comparing Smart Growth Scores to Countywide Average Score

Jurisdictions	Total Weighted Score	Deviation from Ideal	% Better or Worse than Countywide Average
	(A)	(B)=100-(A)	(C)=1-[(B)/(Average B)]
Arcata	81.5	18.5	28%
Blue Lake	72.0	28.0	-9%
Eureka	82.7	17.3	33%
Ferndale	74.6	25.4	1%
Fortuna	74.0	26.0	-1%
Rio Dell	67.4	32.6	-27%
Trinidad	67.0	33.0	-28%
Unincorporated County	58.7	41.3	-61%
Countywide Average	**74.3**	**25.7**	**0%**
4% better than countywide average >	75.4	24.6	4%

Using the land use diversity methodology described above, impacts associated with a city buildout scenario could be determined to be less than significant if the future citywide smart growth score performs at least 4% better than the existing countywide condition, meaning a future citywide score higher than 75.4 would be less than significant, while a lower score would indicate a significant impact. Note that Arcata's and Eureka's overall smart growth scores are currently so much better than the countywide average that the more of the County's residential and employment growth that gets channeled into these cities the better, from a VMT reduction standpoint.

4. Test Application

4.1.1 Future Scenario

A future scenario for City of Arcata land use mix was analyzed based on the future land use prepared for the City of Arcata General Plan Update. The future scenario at the hexagon-level is developed based on the 2045 Model Year of the Humboldt County Regional Travel Demand Model, which is at the TAZ-level. The land use at the TAZ-level is distributed to the parcel-level based on the in-fill opportunity zones and development sites identified by the city, as well as land use, undeveloped parcels and vacancy status from the parcel database. These estimates are then aggregated to the hexagon-level based on the hexagon that is associated with a given parcel's centroid.

The smart growth scores shown previously in Table 1 for the existing condition are shown in Table 3 for the future scenario analyzed herein. As shown, the overall score improves from 81.5 to 83.9. Using the threshold of significance described previously, the transportation impacts of the future scenario would be less than significant.

Table 3: Humboldt County Overall Smart Growth Scores by Jurisdiction – Future Scenario

Jurisdiction	Diversity Scores			Density Scores		Average Destinations	Total Weighted Score
	Jobs/ Housing Diversity	JobMix Diversity	Retail/ Housing Diversity	Residential Density	Employment Density		
City of Arcata	**64.0**	**72.7**	**57.0**	**66.2**	**16.0**	**95.2**	**83.9**
Blue Lake	51.9	71.5	33.2	10.2	5.4	87.2	72.0
Eureka	58.1	62.2	57.1	26.2	15.0	99.0	82.7
Ferndale	92.1	81.2	83.6	12.2	2.1	84.0	74.6
Fortuna	63.2	69.0	65.0	21.7	3.4	86.1	74.0
Rio Dell	45.6	77.5	48.4	17.6	0.9	78.5	67.4
Trinidad	60.7	70.1	72.8	6.0	4.0	78.8	67.0
Unincorporated County	47.6	45.0	39.5	9.4	1.2	70.4	58.7
Countywide Average	57.2	60.9	52.4	30.5	10.2	88.7	75.3

4.1.2 Individual Projects

Using this methodology for an individual land use project would be similar to using it for evaluating a General Plan buildout scenario. In the case of evaluating individual projects, a score could be computed for the entire city, or a score could be computed only for the hex(es) where the proposed project will be constructed. The former score will reflect the impact of the proposed project's interactions with all the other land uses[15] within typical walking distances for the city as a whole, while the latter will reflect the same only for the hex within which the proposed project is located. The idea is to see whether the project moves the city or neighborhood it is in towards the "Goldilocks" spot where the three main types of land uses are in perfect balance.

[15] This should include both existing and already-approved land uses


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