Impacts to Wetland, Habitats and Sensitive Plant Species

- Wetland - Palustrine Emergent
- Wetland - Ditch (Palustrine)
- Wetland - Estuarine Emergent (Ditch)
- Wetland - Estuarine Intertidal Emergent
- Other Waters of the US (Tidal)
- Water - OHWM
- Shorebird Roosting
- Riparian
- Plant Species
  - Caryx lyngbyei
  - Castilleja ambigua
  - Cordylanthus maritimus

Elevation data
- Contour, Index (5 Ft)
- Contour, Minor (1 Ft)
- Mean High Tide (6ft - NAVD88)
- High Tide Line (8ft - NAVD88)

This wetlands delineation map is the opinion of Winzler & Kelly at the time the delineation was conducted. This map is not for planning, permitting, or construction uses without a U.S. Army Corps of Engineers (COE) jurisdictional determination stamp below. Note that some projects may also need verification of delineation map from the California Department of Fish & Game (DFG), County, and/or USFWS.
Project: City of Arcata
Rail-with-Trail Connectivity Project

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Note: See Figure 5-00 for supplemental legend
Project: City of Arcata
Rail-with-Trail Connectivity Project

Figure 5-04
Wetlands/Habitats Impacts

City Boundary
City Parks
Coastal Zone
HBNWR
Study Area

Note: See Figure 5-00 for supplemental legend

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Project: City of Arcata Rail-with-Trail Connectivity Project

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Note: See Figure 5-00 for supplemental legend

Figure 5-06 Wetlands/Habitats Impacts
Project: City of Arcata
Rail-with-Trail Connectivity Project

City Boundary
City Parks
Coastal Zone
HBNWR
Study Area

Trail Footprint
Bridges
Creeks
Property Line

Note: See Figure 5-00 for supplemental legend

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Figure 5-07
Wetlands/Habitats Impacts

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Project: City of Arcata
Rail-with-Trail Connectivity Project

Project #: 01051-09-004

City of Arcata GIS - 1 foot resolution aerial. Streets, Parks, Landmarks, City boundary and County GIS Coastline, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Note: See Figure 5-00 for supplemental legend.

Figure 5-08
Wetlands/Habitats Impacts

Date: 1/31/2011

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### Project:
City of Arcata Rail-with-Trail Connectivity Project

**Project #**
01051-09-004

**633 3RD ST**
EUREKA, CA 95521
P: 707-443-8326   F: 707-444-8330

**Sources:**
City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Coastal NAIP 2009 1 meter resolution.

**Date:**
1/31/2011

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**Figure 5-14**
Wetlands/Habitats Impacts

Note: See Figure 5-00 for supplemental legend

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**Legend:**
- City Boundary
- City Parks
- Coastal Zone
- HBNWR
- Study Area
- Trail Footprint
- Bridges
- Creeks
- Property Line

---

**Scale:**
0 25 50 100 Ft

---

**Legend Map:**
- City Boundary
- City Parks
- Coastal Zone
- HBNWR
- Study Area
- Trail Footprint
- Bridges
- Creeks
- Property Line

---

**Note:**
See Figure 5-00 for supplemental legend.
Project: City of Arcata
Rail-with-Trail Connectivity Project
Project # 01051-09-004
633 3RD ST
EUREKA, CA 95521
P: 707-443-8326   F: 707-444-8330

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Note: See Figure 5-00 for supplemental legend

Figure 5-16
Wetlands/Habitats Impacts

CityBoundary
City Parks
Coastal Zone
HBNWR
Study Area
Trail Footprint
Bridges
Creeks
Property Line

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0 25 50 100 Ft

Source: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Sludge Drying Beds
South G ST

Date: 1/31/2011

WINZLER & KELLY
633 3RD ST
EUREKA, CA 95521
P: 707-443-8378   F: 707-444-8390
Project: City of Arcata Rail-with-Trail Connectivity Project

Project # 01051-09-004

633 3RD ST EUREKA, CA 95521
P: 707-443-8326   F: 707-444-8330

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Agricultural 2009 1 meter resolution.

Cartography

Date: 1/31/2011

Figure 5-17 Wetlands/Habitats Impacts

Note: See Figure 5-00 for supplemental legend

CityBoundary
City Parks
Coastal Zone
HBNWR
Study Area

Trail Footprint
Bridges
Creeks
Property Line

0 25 50 100 Ft

Source: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Agricultural 2009 1 meter resolution.

WINZLER & KELLY
633 3RD ST EUREKA, CA 95521
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Figure 5-19
Wetlands/Habitats Impacts

City Boundary
City Parks
Coastal Zone
HBNWR
Study Area

Trail Footprint
Bridges
Creeks
Property Line

Note: See Figure 5-00 for supplemental legend

Source: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS, Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Date: 1/31/2011
Project # 01051-09-004

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Project: City of Arcata
Rail-with-Trail Connectivity Project

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Air Photo 2009 1 meter resolution.

Cartography: GLD
Date: 1/31/2011
Project #: 01051-09-004

Figure 5-23
Wetlands/Habitats Impacts

Note: See Figure 5-00 for supplemental legend.
Project: City of Arcata
Rail-with-Trail Connectivity Project

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.

Figure 5-27
Wetlands/Habitats Impacts

Note: See Figure 5-00 for supplemental legend