

August 13, 2025

Mr. Tom Magney
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject: Report on Groundwater Sampling

1622 Old Arcata Road
Arcata, California 95524
AEI Project No. 488291
North Coast RWQCB Case No. 1NHU804/Global ID No. T0602391099

Dear Mr. Magney,

On behalf of Danco Communities, AEI Consultants (AEI) has prepared the enclosed Groundwater Sampling Report, presenting the groundwater sampling performed at 1622 Old Arcata Road in Arcata, California (“the Site”).

SITE SETTING AND BACKGROUND

The Site is located on the northeast side of Old Arcata Road in Arcata, California. The Site consists of approximately 1.68 acres of land that is improved with four single-story buildings. The remainder of the Site is improved with an asphalt parking lot at the southwest end. The Site location is shown on Figure 1 - Site Location Map.

The Regional Water Board requested the development and sampling of monitoring wells MW-1, MW-3 through MW-7, however, monitoring wells MW-1 through MW-4 were destroyed in 2003 and 2004. Monitoring well MW-6 was unable to be located. Therefore, AEI was only able to develop and sample monitoring wells MW-5, MW-7, and MW-8.

GROUNDWATER SAMPLING ACTIVITIES

On July 9 and 10, 2025, groundwater monitoring was performed at three of the existing groundwater monitoring wells (MW-5, MW-7, and MW-8) at the Site by Blaine Tech Services, Inc. Monitoring included measuring groundwater elevations and collecting three groundwater samples for chemical analysis.

Groundwater levels were measured in each of the three existing monitoring wells. Each well cap was first removed, and when necessary, allowed the groundwater level within each well to stabilize. Groundwater level measurements were then collected using a water level probe calibrated to within 0.01 feet, measuring from the top of casing (TOC) at each well. Table 1 presents a summary of the current and historical depth to groundwater measurements and corresponding groundwater elevations.

Groundwater samples were collected from three of the existing monitoring wells following groundwater elevation measurements and development. Due to the long duration since the last sampling event, each well was first developed by a combination of surging and bailing. Development was limited since the wells dewatered quickly.

Groundwater sampling of wells MW-5 and MW-8 was performed utilizing a YSI Pro Plus low flow micropurge system set to a rate of 100 milliliters per minute (mL/min) and groundwater sampling of well MW-7 was performed using a disposable bailer. Low flow purging techniques remove groundwater from each well at a slow rate to minimize the stress on the aquifer and reduce the total purge volume while collecting a representative water sample. During purging, the drawdown in each well was monitored and kept to a minimum.

During purging, pH, electrical conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and temperature were measured using a field meter and flow-through cell connected to the pump discharge tubing. Groundwater samples were collected following parameter stabilization by disconnecting the flow-through cell and decanting the extracted groundwater directly into laboratory-supplied sample containers. When necessary, the flow rate was reduced to limit sample aeration or agitation. Each sample was collected in appropriately preserved, laboratory-supplied containers, labeled, and placed in an ice-chilled cooler for transport under chain-of-custody protocol to a State of California-certified laboratory.

Three groundwater samples were collected during this sampling event. The samples were submitted to McCampbell Analytical, a state-certified laboratory where they were analyzed for the following:

- Volatile organic compounds (VOCs) using United States Environmental Protection Agency (US EPA) Testing Method 8260D.
- Total petroleum hydrocarbon as gasoline (TPH-g), diesel (TPH-d), and motor oil range (TPH-mo) using US EPA Testing Method 8015B.
- Organic lead using US EPA Testing Method 8270E, and dissolved metals using US EPA Testing Method 200.8.

Groundwater Sample Field Data Sheets presenting sampling details and field parameters are included in Appendix A. Laboratory analytical report and Chain-of-Custody documentation are included in Appendix B.

Standard Quality Assurance/Quality Control (QA/QC) measures were implemented during the sample collection, transport, and chemical analysis process. The QA/QC measures consisted of evaluating laboratory performance of surrogate spike recovery, matrix spike/matrix spike duplicate, method blank, and laboratory control spike analyses. The primary objective of these QA/QC measures is to ensure that resulting analytical data are reproducible, are of adequate quality for their intended use, and are representative of actual conditions. No anomalies were found in the data resulting from analysis of samples collected during this sampling event.

Approximately 30 gallons of purged groundwater was generated during the sampling event. On July 11, 2025, one drum was transported and disposed of at Instrat, Inc. of Rio Vista, California as non-hazardous liquid. The waste manifest documentation is included in Appendix C.

GROUNDWATER SAMPLE RESULTS

Table 1 presents a summary of the current and historical depth to groundwater measurements and corresponding groundwater elevations. Figures 3 and 4 present groundwater potentiometric surface contour maps using the collected measurements from July 2025 sampling event at the Site. The potentiometric surfaces are generally consistent with previous monitoring events.

Table 2 presents a summary of the current and historical groundwater samples for TPH and VOCs results and Table 3 presents the results for metals. The analytical results can be summarized as follows:

- TPH and VOCs, including benzene, ethylbenzene, ethylenedibromide (EDB), and 1,2-dichloroethane (1,2-DCA) were not detected above the laboratory reporting limits (RLs) in the three groundwater samples collected and analyzed from wells MW-5, MW-7, and MW-8.
- Dissolved lead was detected in each of the three groundwater samples MW-5, MW-7, and MW-8, observed at a maximum concentration of 1.1 micrograms per liter ($\mu\text{g/L}$) in sample MW-8. The detected concentrations are below the Maximum Contaminant Level (MCL) of 15 $\mu\text{g/L}$.
- Dissolved nickel was detected in each of the three groundwater samples MW-5, MW-7, and MW-8, observed at a maximum concentration of 4.1 $\mu\text{g/L}$ in sample MW-8. The detected concentrations are below the MCL of 100 $\mu\text{g/L}$.
- Tetraethyl and tetramethyl lead were not detected above the laboratory RLs in the three groundwater samples collected and analyzed from wells MW-5, MW-7, and MW-8.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the groundwater results summarized above, no residual contamination from the former UST release is present and no additional groundwater sampling is warranted at the Site.

CLOSING

AEI appreciates working with the North Coast Regional Water Quality Control Board and trusts that this report meets with your approval. If you have any questions regarding this report, please contact Trent Weise at 408.656.1738 or tweise@aeiconsultants.com.

Sincerely,



Natasha Budimirovic
Project Geologist



Trent A. Weise, P.E. (Lic. No. C64480)
Senior Vice President

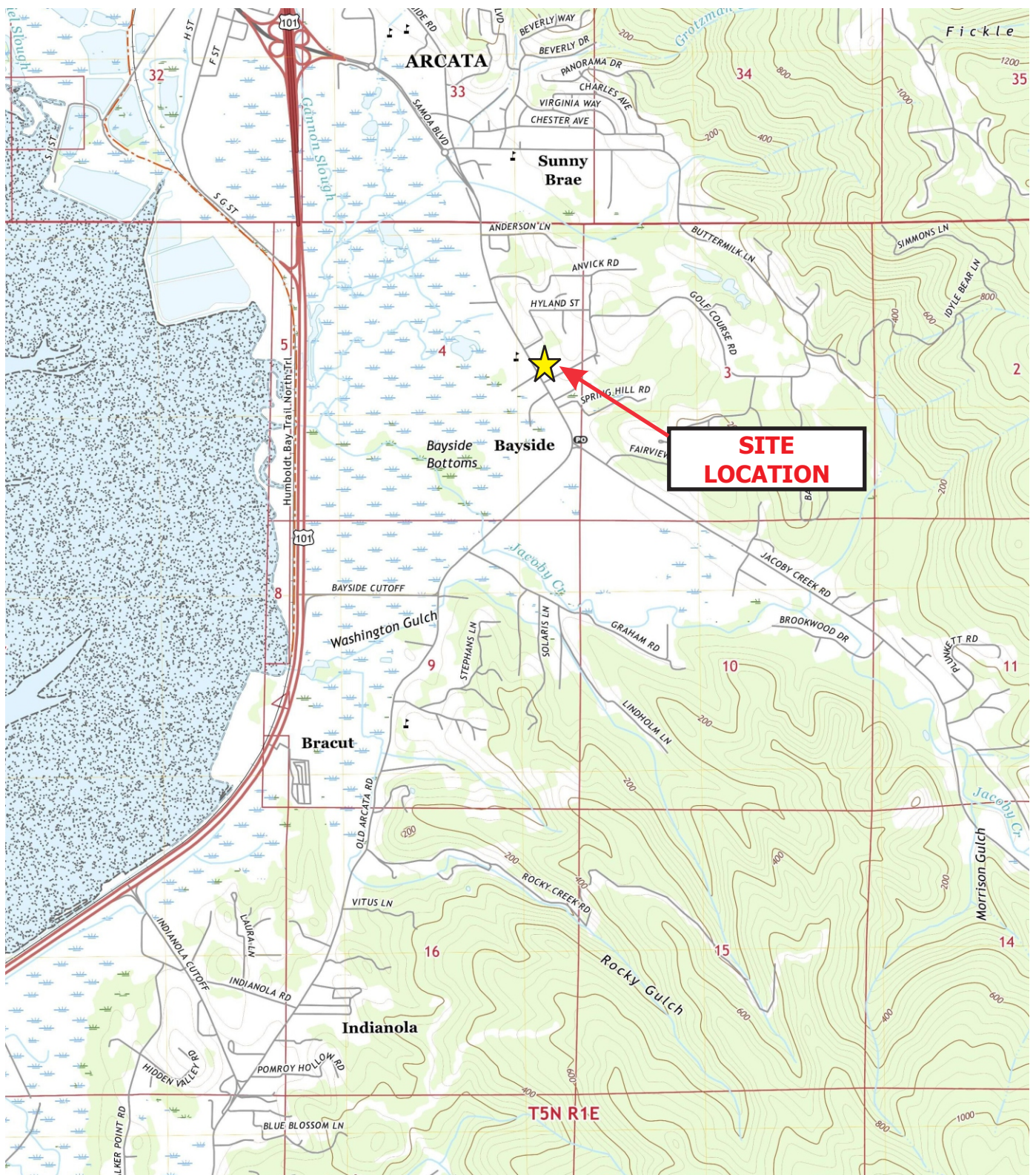


Attachments:

Figure 1 - Site Location Map
Figure 2 - Site Map
Figure 3 - Groundwater Elevation Map
Figure 4 - COC Concentrations in Groundwater

Table 1 - Groundwater Elevation Data
Table 2 - Historical and Current Groundwater Sample Data Summary - TPH and VOCs
Table 3 - Groundwater Sample Data Summary - Metals
Appendix A - Field Data Sheets
Appendix B - Laboratory Analytical Report
Appendix C - Waste Manifest Documentation

FIGURES



LEGEND



Approximate Site Location



Source: USGS

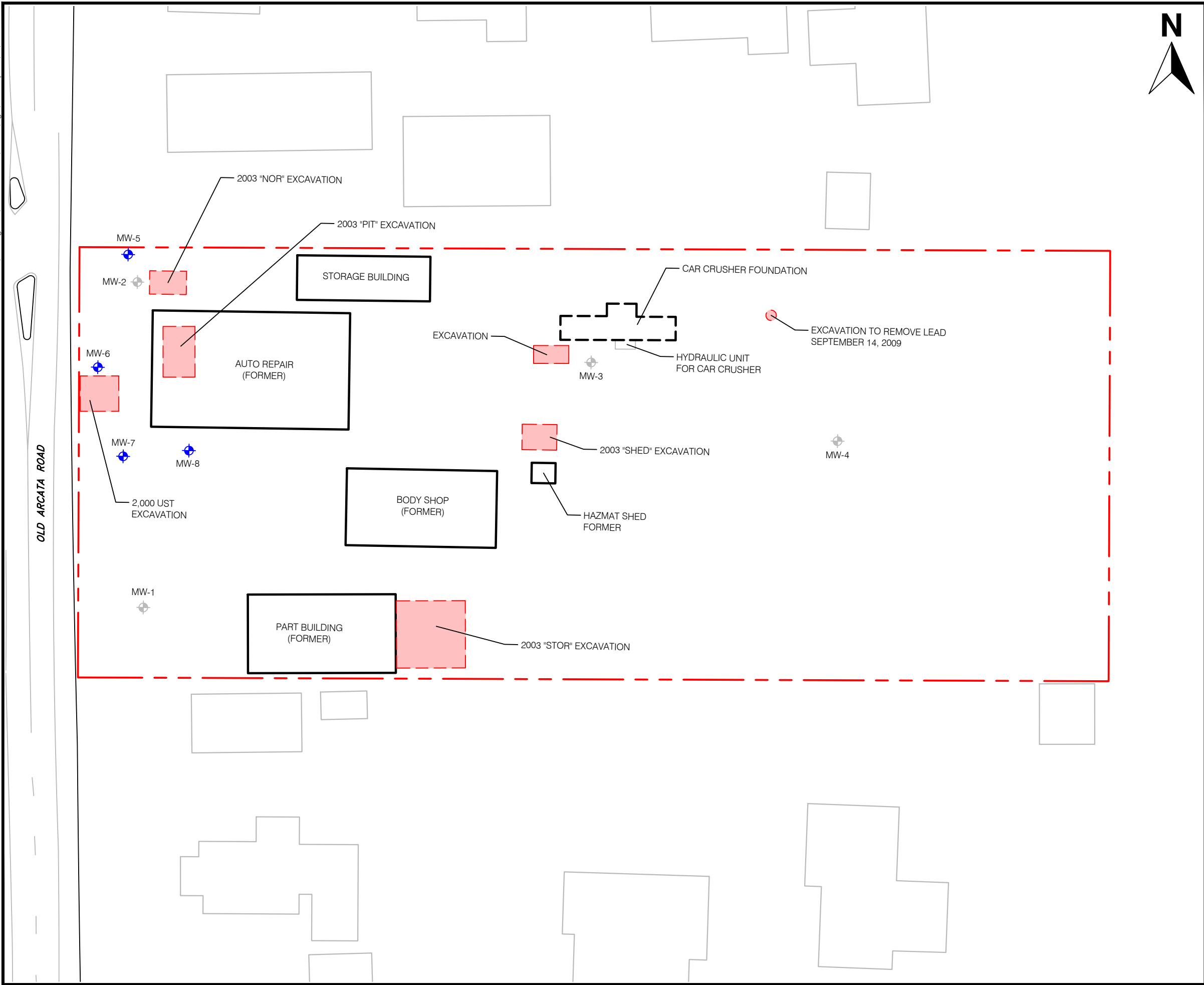
SITE LOCATION MAP



1622 Old Arcata Road,
Arcata, California 95524

FIGURE 1
Project No. 488291

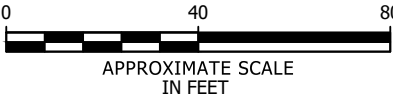
D:\Drawing Files\AEI Consultants\488291\Fig 2 - Site Map - 07/23/2025



LEGEND

- MW-8 Groundwater Monitoring Well
- MW-4 Groundwater Monitoring Well (Destroyed)
- Approximate Site Boundary

Notes:
- Base Map Sources:
Google Earth 4/17/2025

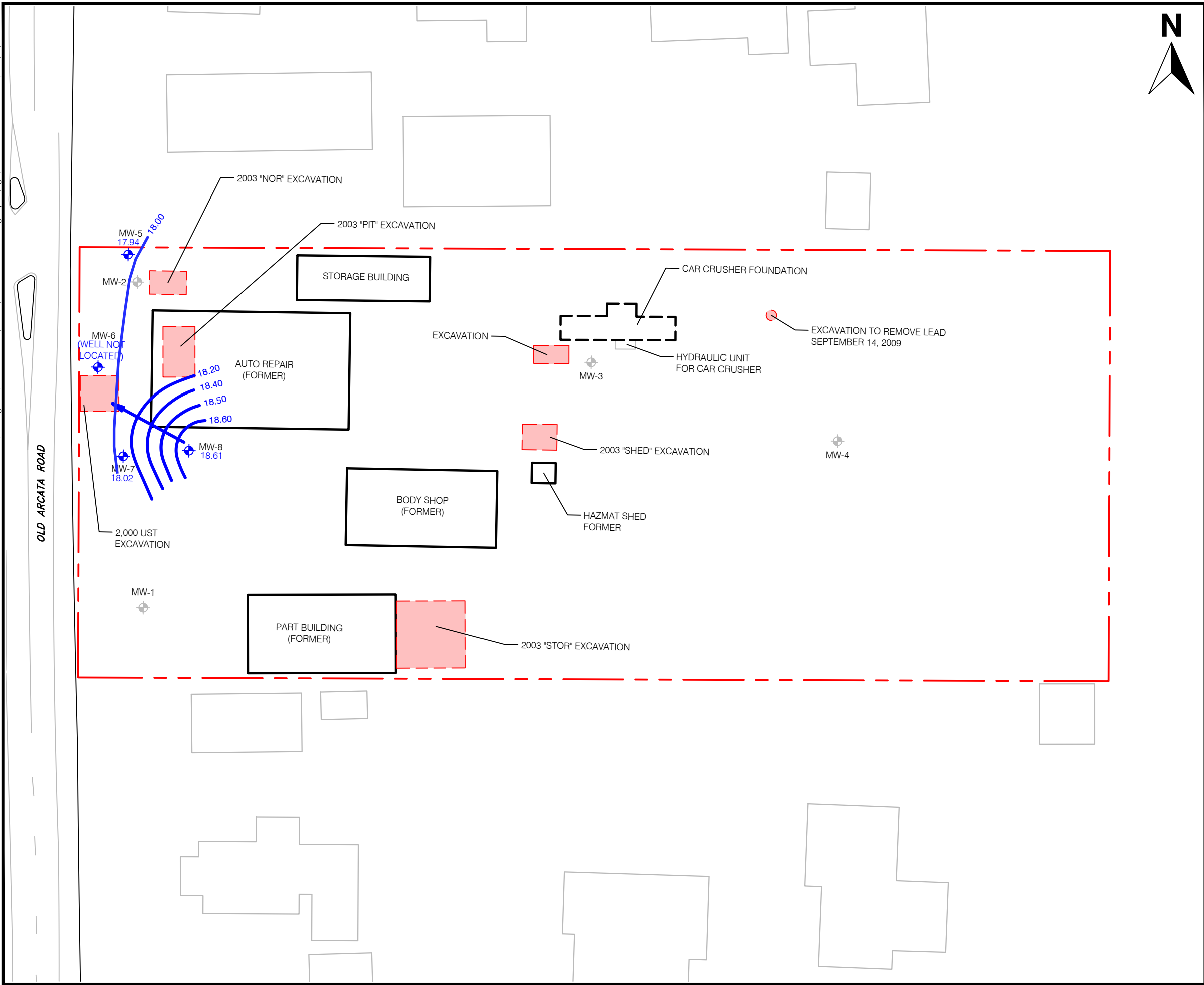


SITE MAP



1622 Old Arcata Boulevard
Arcata, California

FIGURE 2
Project No. 488291



LEGEND

- MW-8 17.94 Groundwater Monitoring Well Groundwater Elevation
- MW-4 Groundwater Monitoring Well (Destroyed)
- Approximate Site Boundary
- Apparent Groundwater Flow
- 18.60 Groundwater Elevation Contour

Notes:
- Base Map Sources:
Google Earth 4/17/2025

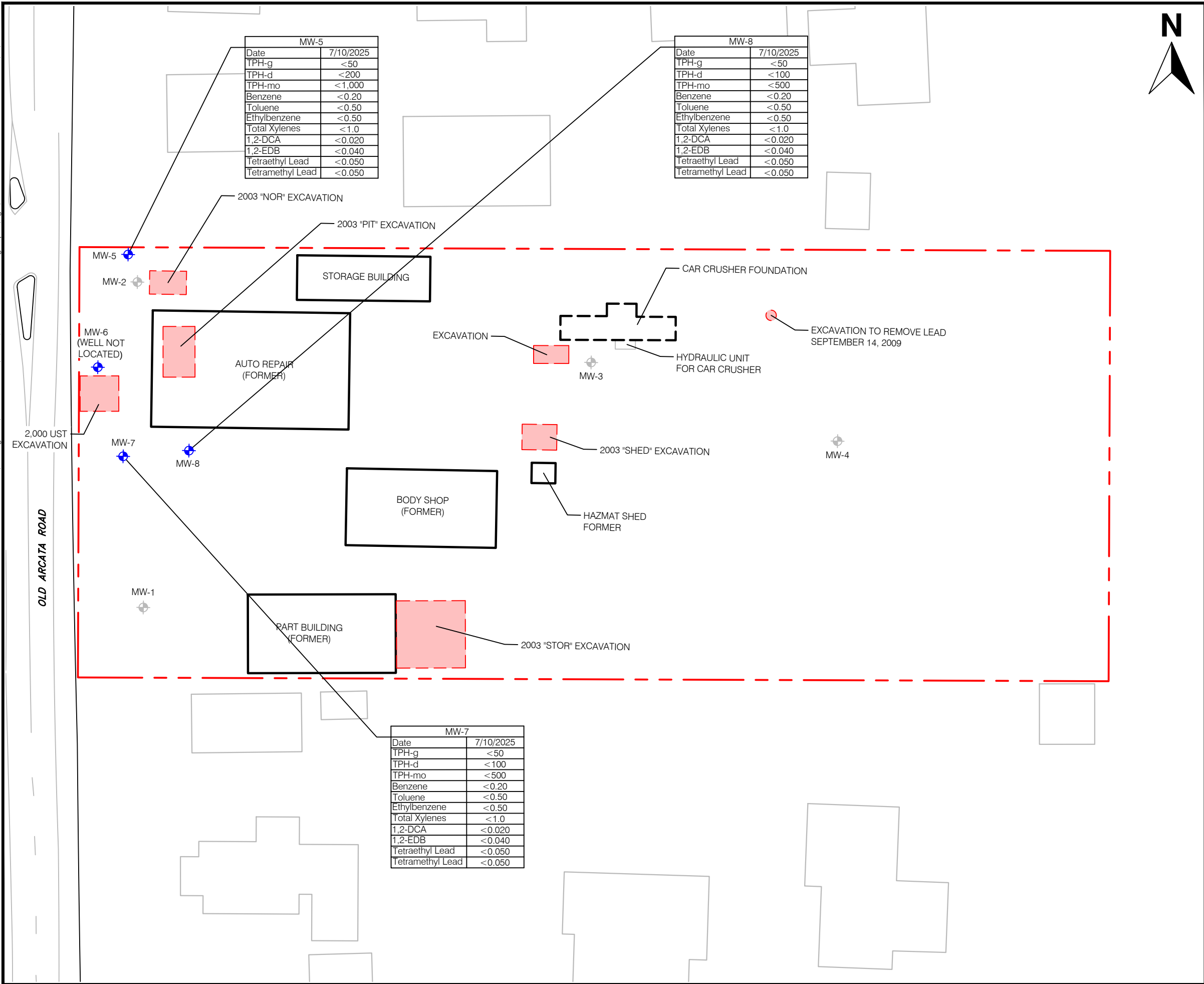
GROUNDWATER ELEVATION MAP



1622 Old Arcata Boulevard
Arcata, California

FIGURE 3
Project No. 488291

D:\Drawing Files\AEI Consultants\488291\Groundwater Monitoring Report\Fig 4. COC Concentrations in Groundwater - 07/24/2025



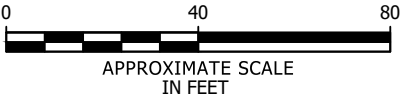
LEGEND

- MW-8 Groundwater Monitoring Well
- MW-4 Groundwater Monitoring Well (Destroyed)
- Approximate Site Boundary

Notes:

- COC - Chemicals of concern
- DCA - Dichloroethane
- EDB - Dibromoethane
- TPH-g - Total Petroleum Hydrocarbon as Gasoline
- TPH-d - Total Petroleum Hydrocarbon as Diesel
- TPH-mo - Total Petroleum Hydrocarbon as Motor Oil
- < - Less than the laboratory reporting limit

- Base Map Sources:
Google Earth 4/17/2025



COC CONCENTRATIONS IN GROUNDWATER



1622 Old Arcata Boulevard
Arcata, California

FIGURE 4
Project No. 488291

TABLES

TABLE 1: GROUNDWATER ELEVATION DATA
1622 Old Arcata Road, Arcata, California

Location ID	Date	Well Elevation (ft msl)	Depth to Water (ft below TOC)	Groundwater Elevation (ft amsl)
MW-1	8/27/2002	20.20	0.90	19.30
	1/18/2003	20.20	5.87	14.33
	3/11/2003	20.20	3.82	16.38
	6/9/2003	20.20	3.73	16.47
	9/30/2003	20.20	4.84	15.36
	12/30/2003	20.20	2.06	18.14
	3/8/2004	20.20	2.68	17.52
	6/9/2004	20.20	4.04	16.16
Monitoring well was destroyed on June 18, 2004				
MW-2	8/27/2002	19.86	3.38	16.48
	1/18/2003	19.86	0.26	20.12
	3/11/2003	19.86	-	-
	6/9/2003	19.86	4.7	24.56
Monitoring well was destroyed on July 11, 2023				
MW-3	8/27/2002	23.93	4.51	19.42
	1/18/2003	23.93	2.43	21.5
	3/11/2003	23.93	3.36	20.57
	6/9/2003	23.93	6.94	16.99
	9/30/2003	23.93	5.38	18.55
	12/30/2003	23.93	4.83	19.10
	3/8/2004	23.93	4.96	18.97
	6/9/2004	23.93	5.07	18.86
Monitoring well was destroyed on June 18, 2004				
MW-4	8/27/2002	28.79	-	-
	1/18/2003	28.79	0.6	29.39
	3/11/2003	28.79	0.39	29.18
	6/9/2003	28.79	0.21	29.00
	9/30/2003	28.79	4.43	24.36
	12/30/2003	28.79	0.82	29.61
	3/8/2004	28.79	0.72	29.51
	6/9/2004	28.79	0.48	29.27
Monitoring well was destroyed on June 18, 2004				
MW-5	9/30/2003	19.77	1.99	17.78
	12/30/2003	19.77	0.11	19.66
	3/8/2004	19.77	0.68	19.09
	6/9/2004	19.77	1.43	18.34
	9/28/2004	19.77	1.98	17.79
	12/23/2004	19.77	1.18	18.59
	7/9/2025	19.77	1.83	17.94
MW-6	9/30/2003	19.49	1.84	17.65
	12/30/2003	19.49	0.01	19.48
	3/8/2004	19.49	0.57	18.92
	6/9/2004	19.49	1.16	18.33
	9/28/2004	19.49	1.72	17.77
	12/23/2004	19.49	0.87	18.62
	7/9/2025	Unable to locate monitoring well on July 9, 2025		
MW-7	9/30/2003	19.86	2.40	17.46
	12/30/2003	19.86	0.81	19.05
	3/8/2004	19.86	0.93	18.93
	6/9/2004	19.86	1.57	18.29
	9/28/2004	19.86	2.48	17.38

TABLE 1: GROUNDWATER ELEVATION DATA
1622 Old Arcata Road, Arcata, California

Location ID	Date	Well Elevation (ft msl)	Depth to Water (ft below TOC)	Groundwater Elevation (ft amsl)
MW-8	12/23/2004	19.86	1.04	18.82
	7/9/2025	19.86	1.84	18.02
	9/30/2003	19.84	1.92	17.92
	12/30/2003	19.84	0.38	19.46
	3/8/2004	19.84	0.51	19.33
	6/9/2004	19.84	0.76	19.08
	9/28/2004	19.84	1.46	18.38
	12/23/2004	19.84	0.74	19.10
	7/9/2025	19.84	1.23	18.61

Notes:

- = Elevation not measured

ft amsl = feet above mean sea level

ft below TOC = feet below top of casing

All water level depths are measured from the top of casing

TABLE 2: HISTORICAL AND CURRENT GROUNDWATER SAMPLE DATA SUMMARY - TPH and VOCs
1622 Old Arcata Road, Arcata, California

Location ID		TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	n-Butyl benzene (µg/L)	Isopropyl-benzene (µg/L)	4-Isopropyl toluene (µg/L)	Methyl-t-butyl ether (µg/L)	TAME (µg/L)	n-Propyl benzene (µg/L)	1,3,5-Tri-methylbenzne (µg/L)	Remaining VOCs (µg/L)
MW-1	8/27/2002	<50	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	1/18/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/11/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	9/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring well was destroyed on June 18, 2004																		
MW-2	8/27/2002	<50	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	1/18/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/11/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring well was destroyed on July 11, 2023																		
MW-3	8/27/2002	<50	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	1/18/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/11/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	9/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring well was destroyed on June 18, 2004																		
MW-4	8/27/2002	<50	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	1/18/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/11/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	9/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	<50	<50	<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring well was destroyed on June 18, 2004																		
MW-5	9/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	54	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	9/28/2004	<50	<50	ND<170	<0.50	0.64	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-10	<1.0-10	<RL
	12/23/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-10	<1.0-10	<RL
	7/10/2025	<50	<200	<1,000	<0.20	<0.50	<0.50	<1.0	<0.020	<0.040	<0.50	<0.50	<0.50	<50	-	<0.50	<0.50	<RL
MW-6	9/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	86	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	64	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	1.1	<1.0	<1.0-50	<1.0-50	<RL
	9/28/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	1.4	<1.0	<1.0-50	<1.0-50	<RL
	12/23/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0	<1.0	<1.0-50	<1.0-50	<RL
	7/9/2025	Unable to locate monitoring well on July 9, 2025																
MW-7	9/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	97	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	56	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	1.3	<1.0	<1.0-50	<1.0-50	<RL
	9/28/2004	56	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	1.8	<1.0	<1.0-10	<1.0-10	<RL
	12/23/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0	<1.0	<1.0-10	<1.0-10	<RL
	7/10/2025	<50	<100	<500	<0.20	<0.50	<0.50	<1.0	<0.020	<0.040	<0.50	<0.50	<0.50	<50	-	<0.50	<0.50	<RL
MW-8	9/30/2003	180	71	490	<0.50	<0.50	<0.50	0.76	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	8.2	<1.0	<1.0-50	<1.0-50	<RL
	12/30/2003	57	54	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	3.2	<1.0	<1.0-50	<1.0-50	<RL
	3/8/2004	68	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<0.50	<1.0	<1.0-50	<1.0-50	<RL
	6/9/2004	57	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	1.4	<1.0	<1.0-50	<1.0-50	<RL
	9/28/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	<0.50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	3.2	<1.0	<1.0-10	<1.0-10	<RL
	12/23/2004	<50	<50	ND<170	<0.50	<0.50	<0.50	1.12	<1.0-50	<1.0-50	<1.0-50	<1.0-50	<1.0-50	4.0	<1.0	<1.0-10	<1.0-10	<RL
	7/10/2025	<50	<100	<500	<0.20	<0.50	<0.50	<1.0	<0.020	<0.040	<0.50	<0.50	<0.50	<50	-	<0.50	<0.50	<RL

TABLE 2: HISTORICAL AND CURRENT GROUNDWATER SAMPLE DATA SUMMARY - TPH and VOCs
1622 Old Arcata Road, Arcata, California

Location ID	Date	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	n-Butyl benzene (µg/L)	Isopropyl-benzene (µg/L)	4-Isopropyl toluene (µg/L)	Methyl-t-butyl ether (µg/L)	TAME (µg/L)	n-Propyl benzene (µg/L)	1,3,5-Tri-methylbenzne (µg/L)	Remaining VOCs (µg/L)
<i>Phase II Subsurface Investigation</i>																		
SB-1-W	4/23/2024	4,700	1,500	2,600	2.2	6.6	76	22	<0.10	<0.20	4.8	28	8.2	<2.5	-	30	3.0	<RL
SB-2-W	4/23/2024	<50	2,200	15,000	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50	<RL
SB-3-W	4/23/2024	<50	<100	<500	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50	<RL
SB-4-W	4/23/2024	<50	<100	<500	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50	<RL
SB-5-W	4/23/2024	<50	1,200	<500	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50	<RL
SB-6-W	4/23/2024	<50	<100	<500	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50	<RL
SB-7-W	4/23/2024	<50	<100	<500	<0.20	<0.50	<0.50	<0.50	<0.020	<0.040	<0.50	<0.50	<0.50	1.4	-	<0.50	<0.50	<RL
Comparison Values:																		
ESL MCL Priority		--	--	--	1.0	150	300	1,800	0.5	0.005	--	--	--	5.0	--	--	--	Various
ESL Vapor Intrusion - Res		--	--	--	0.43	1,600	3.5	380	7.6	0.18	--	--	--	450	--	--	--	Various
ESL Vapor Intrusion - Com/Ind		--	--	--	1.90	6,800	15	1,600	33.0	0.77	--	--	--	2,000	--	--	--	Various

Notes:

µg/L micrograms per liter

<RL / <### less than the laboratory reporting limit

- not analyzed

-- not established

DCA Dichloroethane

EDB Dibromoethane

TAME tert-Amyl methyl ether

TPH-g Total Petroleum Hydrocarbons as Gasoline

TPH-d Total Petroleum Hydrocarbons as Diesel

TPH-mo Total Petroleum Hydrocarbons as Motor Oil

Bold Result exceeds a Comparison Value

Comparison Values:

ESL MCL Priority: Environmental Screening Levels (ESLs) showing Maximum Contaminant Levels (MCLs) from July 2025 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Vapor Intrusion - Res: Environmental Screening Levels (ESLs) showing Groundwater Vapor Intrusion (VI) Human Health Risk Levels for Residential exposure risks from July 2025 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Vapor Intrusion - Com/Ind: Environmental Screening Levels (ESLs) showing Groundwater Vapor Intrusion (VI) Human Health Risk Levels for Commercial/Industrial exposure risks from July 2025 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 3: GROUNDWATER SAMPLE DATA SUMMARY- METALS
1622 Old Arcata Road, Arcata, California

Location ID	Date	Dissolved Cadmium (µg/L)	Dissolved Chromium (µg/L)	Dissolved Lead (µg/L)	Dissolved Nickel (µg/L)	Dissolved Zinc (µg/L)	Tetraethyl Lead (µg/L)	Tetramethyl Lead (µg/L)
MW-5	7/10/2025	<0.50	0.60	0.58	2.4	<15	<0.050	<0.050
MW-7	7/10/2025	<0.50	<0.50	0.58	2.6	<15	<0.050	<0.050
MW-8	7/10/2025	<0.50	<0.50	1.1	4.1	<15	<0.050	<0.050
Comparison Values:								
ESL MCL Priority		5	50	15	100	5,000	--	--
ESL Vapor Intrusion - Res		--	--	--	--	--	--	--
ESL Vapor Intrusion - Com/Ind		--	--	--	--	--	--	--

Notes:

- µg/L micrograms per Liter
- <### less than the laboratory reporting limit
- not established

Comparison Values:

ESL MCL Priority: Environmental Screening Levels (ESLs) showing Maximum Contaminant Levels (MCLs) from July 2025
ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Vapor Intrusion - Res: Environmental Screening Levels (ESLs) showing Groundwater Vapor Intrusion (VI) Human Health Risk Levels
for Residential exposure risks from July 2025 ESL Summary Tables, prepared by the San Francisco Bay
Regional Water Quality Control Board

ESL Vapor Intrusion - Com/Ind: Environmental Screening Levels (ESLs) showing Groundwater Vapor Intrusion (VI) Human Health Risk
Levels for Commercial/Industrial exposure risks from July 2025 ESL Summary Tables, prepared by the San Francisco
Bay Regional Water Quality Control Board

APPENDIX A

FIELD DATA SHEETS

WELL DEVELOPMENT DATA SHEET

Project #: <u>280709SL-1</u>		Client: <u>AET</u>	
Developer: <u>SL</u>		Date Developed: <u>7/10/25</u>	
Well I.D. <u>MLJ5</u>		Well Diameter: (circle one) <u>(2)</u> 3 4 6	
Total Well Depth:		Depth to Water:	
Before: <u>4.30</u> After: <u>4.75</u>		Before: <u>2.02</u> After: <u>2.05</u>	
Reason not developed:		If Free Product, thickness:	
Additional Notations: <u>Scrubbed for 5 mins</u>		<u>801: 2.47</u> Page: <u>1</u> of <u>2</u>	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.

2"

=

0.16

3"

=

0.37

4"

=

0.65

6"

=

1.47

10"

=

4.08

12"

=

6.87

<u>0.4</u>	x	<u>10</u>	=	<u>4.0</u>	
1 Case Volume		Specified Volumes			Gallons

Purging Device:

Bailer ☐

Electric Submersible ☐

PAD ☒

Other _____

Type of Installed Pump _____

Flow Rate:

0.10 gpm

Other equipment used _____

TIME	TEMP (°C or °F)	pH	Cond. (mS or µS)	DO (mg/L)	ORP (mV)	TURBIDITY (NTUs)	VOLUME REMOVED (gals.):	DTW	NOTATIONS:
0714	16.16	7.96	270	3.63	-350	71000	0.4	—	Dark Grey
0718	17.28	7.97	300	3.04	-45.3	71000	0.8	3.98	↓
—	Well	Dewatered	@	0719					
0730								3.72	waiting for remerge
0740								3.69	
0800								3.63	
0830								3.54	
SC 0840								3.48	
0930								3.45	
1000								3.40	
1100								3.30	
1200								3.20	
Did Well Dewater? <u>(Yes)</u> No							Gallons Actually Evacuated: <u>0.8</u>		

WELL DEVELOPMENT DATA SHEET

Well I.D. <i>MW5</i>	Client: <i>AEI</i>	
Project #: <i>250709SL-1</i>		Page: <i>2</i> of <i>2</i>

TIME	TEMP (°F)	pH	Cond. (mS or μS)	DO (mg/L)	ORP (mV)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW	NOTATIONS:
1300								3.12	waiting for Recharge
1400								3.05	I
1405	19.55	7.32	471	3.83	-50.5			3.05	
— Very slow recharge —									

Did well dewater?	Yes	No	Amount actually evacuated:	0-8
Sampling Time:	1410		Sampling Date:	7/10/28
Sample I.D.:	MW-5		Laboratory:	McCampbell Analytical
Analyzed for:	See C-OC		Other:	
Equipment Blank I.D.:	@	Time	Duplicate I.D.:	

WELL DEVELOPMENT DATA SHEET

Project #: <u>2507095-1</u>	Client: <u>ACE</u>
Developer: <u>SC</u>	Date Developed: <u>7/19/25</u>
Well I.D. <u>MW-7</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before: <u>4.80</u> After: <u>4.83</u>	Depth to Water: Before: <u>1.84</u> After: <u>3.29</u>
Reason not developed:	If Free Product, thickness:
Additional Notations: <u>scrubbed for 5 mins</u> <u>80% = 2.43</u>	
Page: <u>1</u> of <u>2</u>	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.

2"

=

0.16

3"

=

0.37

4"

=

0.65

6"

=

1.47

10"

=

4.08

12"

=

6.87

<u>0.5</u>	x	<u>10</u>	=	<u>5.0</u>
1 Case Volume		Specified Volumes		Gallons

Purging Device:

Bailer ☐

Electric Submersible ☐

PAD ☒

Other _____

Type of Installed Pump _____

Flow Rate:

0.25 gpm

Other equipment used _____

TIME	TEMP (°C or °F)	pH	Cond. (mS or µS)	DO (mg/L)	ORP (mV)	TURBIDITY (NTUs)	VOLUME REMOVED (gals.):	DTW	NOTATIONS:
1312	19.90	6.74	404	6.12	38.3	71000	0.5	—	Grey + No Chlor
1314	20.63	7.14	325	5.99	23.9	71000	1.0	—	
				Dewatered @ 1.0 gpm					
1322								3.83	
1332								3.69	
1342								3.64	
1422								3.62	
1448								3.58	
7/10/25 0650								3.35	
0916								3.31	
1205	21.51	7.08	351	4.00	-88.1	170	—	3.29	Cloudy
			Very slow recharge						
Did Well Dewater? <u>Yes</u> No					Gallons Actually Evacuated: <u>1.0</u>				

WELL DEVELOPMENT DATA SHEET

Well I.D. <u>MW 7</u>	Client: <u>AEI</u>	
Project #: <u>250709SC1</u>		Page: <u>2</u> of <u>2</u>

[illegible]

Did well dewater?	☒ Yes	☐ No	Amount actually evacuated:	1.0
Sampling Time:	1210		Sampling Date:	7/10/25
Sample I.D.:	MW-7		Laboratory:	McCampbell Analytical
Analyzed for:	See CAC		Other:	
Equipment Blank I.D.:	@	Time	Duplicate I.D.:	

WELL DEVELOPMENT DATA SHEET

Project # <u>50709821</u>	Client: <u>AET</u>
Developer: <u>GL</u>	Date Developed: <u>7/9/25</u>
Well I.D. <u>MID-8</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth:	Depth to Water:
Before: <u>3.53</u> After: <u>3.81</u>	Before: <u>1.23</u> After: <u>1.25</u>
Reason not developed:	If Free Product, thickness:
Additional Notations: <u>* Swabbed well w/ 2" pipe for 5 mins</u>	

Page: 1 of 2

Volume Conversion Factor (VCF):
 $\{12 \times (d^2/4) \times \pi\} / 231$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in 3/gal

Well dia.	VCF
2" =	0.16
3" =	0.37
4" =	0.65
6" =	1.47
10" =	4.08
12" =	6.87

<u>0.4</u>	x	<u>10</u>	=	<u>4.0</u>
1 Case Volume		Specified Volumes		Gallons

Purging Device:

Bailer ☒
 PAD ☒

Electric Submersible ☐

Other _____

Type of Installed Pump _____

Flow Rate: _____

Other equipment used _____

TIME	TEMP (°C or °F)	pH	Cond. (mS or µS)	DO (mg/L)	ORP (mV)	TURBIDITY (NTUs)	VOLUME REMOVED (gals.)	DTW	NOTATIONS:
1238	19.71	7.35	1869	8.07	316	>1000	0.4	—	Cannot use WDM in well
* PAD Pump couldn't fit all the way into well									
1352	22.29	6.34	410	3.64	-43.3	>1000	0.8		Faint Sheen + Greasy
1401	22.50	6.36	379	2.17	-51.3	>1000	1.2	3.07	
1420	22.47	6.41	312	3.10	-35.0	>1000	1.6	3.08	
1432	22.24	6.49	326	2.64	-41.8	>1000	2.0	3.04	
1444	22.25	6.34	347	3.20	-41.5	>1000	2.4	3.12	
1502	22.20	6.48	355	3.78	-45.0	>1000	3.0	2.92	Light Brown + Faint Sheen
1516	22.15	6.38	362	3.31	-45.5	>1000	3.2	2.93	
1528	21.91	6.56	372	3.33	-48.5	>1000	3.6	2.98	
1538	22.03	6.52	371	2.87	-47.5	>1000	4.0	3.06	
* (SC) Done Had to wait for 80% Recovery									

Did Well Dewater?

Yes

(No)

Gallons Actually Evacuated:

4.0

WELL DEVELOPMENT DATA SHEET

Well I.D. <u>MLW-8</u>	Client: <u>ACT</u>	
Project #: <u>LSO7098-1</u>		Page: <u>2</u> of <u>2</u>

[illegible]

Did well dewater?	Yes	☒ No	Amount actually evacuated:	4.0
Sampling Time:	8:45		Sampling Date:	7/10/25
Sample I.D.:	MLW-8		Laboratory:	McCampbell Analytical
Analyzed for:	see C.O.C.		Other:	
Equipment Blank I.D.:	@	Time	Duplicate I.D.:	

Page 1 of 1

Job Number 250709X-1 Technician SC

[illegible]

NOTES:

APPENDIX B
LABORATORY ANALYTICAL
REPORT



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507724

Report Created for: AEI Consultants

2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Trent Weise

Project P.O.:

Project: Former Rogers Garage

Project Location: 1622 Old Arcata Rd., Bayside, CA

Project Received: 07/11/2025

Analytical Report reviewed & approved for release on 07/18/2025 by:

Tracy Babjar
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: AEI Consultants

WorkOrder: 2507724

Project: Former Rogers Garage

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: AEI Consultants

WorkOrder: 2507724

Project: Former Rogers Garage

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
b1	Aqueous sample that contains greater than ~1 vol. % sediment
c14	The surrogate recovery is below the lower control limit. The target analyte(s) were Not Detected (ND); therefore, the data is estimated.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria.
----	---



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-5	2507724-001D	Water	07/10/2025 14:10		GC28 07142516.D	321338
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	07/14/2025 17:38		
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/14/2025 17:38		
Benzene	ND	0.20	1	07/14/2025 17:38		
Bromobenzene	ND	0.50	1	07/14/2025 17:38		
Bromochloromethane	ND	0.50	1	07/14/2025 17:38		
Bromodichloromethane	ND	0.050	1	07/14/2025 17:38		
Bromoform	ND	0.50	1	07/14/2025 17:38		
Bromomethane	ND	0.50	1	07/14/2025 17:38		
2-Butanone (MEK)	ND	5.0	1	07/14/2025 17:38		
t-Butyl alcohol (TBA)	ND	5.0	1	07/14/2025 17:38		
n-Butyl benzene	ND	0.50	1	07/14/2025 17:38		
sec-Butyl benzene	ND	0.50	1	07/14/2025 17:38		
tert-Butyl benzene	ND	0.50	1	07/14/2025 17:38		
Carbon Disulfide	ND	0.50	1	07/14/2025 17:38		
Carbon Tetrachloride	ND	0.050	1	07/14/2025 17:38		
Chlorobenzene	ND	0.50	1	07/14/2025 17:38		
Chloroethane	ND	0.50	1	07/14/2025 17:38		
Chloroform	ND	0.10	1	07/14/2025 17:38		
Chloromethane	ND	0.50	1	07/14/2025 17:38		
2-Chlorotoluene	ND	0.50	1	07/14/2025 17:38		
4-Chlorotoluene	ND	0.50	1	07/14/2025 17:38		
Dibromochloromethane	ND	0.15	1	07/14/2025 17:38		
1,2-Dibromo-3-chloropropane	ND	0.020	1	07/14/2025 17:38		
1,2-Dibromoethane (EDB)	ND	0.040	1	07/14/2025 17:38		
Dibromomethane	ND	0.50	1	07/14/2025 17:38		
1,2-Dichlorobenzene	ND	0.50	1	07/14/2025 17:38		
1,3-Dichlorobenzene	ND	0.50	1	07/14/2025 17:38		
1,4-Dichlorobenzene	ND	0.50	1	07/14/2025 17:38		
Dichlorodifluoromethane	ND	0.50	1	07/14/2025 17:38		
1,1-Dichloroethane	ND	0.50	1	07/14/2025 17:38		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	07/14/2025 17:38		
1,1-Dichloroethene	ND	0.010	1	07/14/2025 17:38		
cis-1,2-Dichloroethene	ND	0.50	1	07/14/2025 17:38		
trans-1,2-Dichloroethene	ND	0.50	1	07/14/2025 17:38		
1,2-Dichloropropane	ND	0.10	1	07/14/2025 17:38		
1,3-Dichloropropane	ND	0.50	1	07/14/2025 17:38		

(Cont.)



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	2507724-001D	Water	07/10/2025 14:10	GC28 07142516.D	321338

Analytes	Result	RL	DE	Date Analyzed
2,2-Dichloropropane	ND	0.50	1	07/14/2025 17:38
1,1-Dichloropropene	ND	0.50	1	07/14/2025 17:38
cis-1,3-Dichloropropene	ND	0.50	1	07/14/2025 17:38
trans-1,3-Dichloropropene	ND	0.50	1	07/14/2025 17:38
Diisopropyl ether (DIPE)	ND	0.50	1	07/14/2025 17:38
Ethylbenzene	ND	0.50	1	07/14/2025 17:38
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/14/2025 17:38
Freon 113	ND	0.50	1	07/14/2025 17:38
Hexachlorobutadiene	ND	0.50	1	07/14/2025 17:38
Hexachloroethane	ND	0.20	1	07/14/2025 17:38
2-Hexanone	ND	0.50	1	07/14/2025 17:38
Isopropylbenzene	ND	0.50	1	07/14/2025 17:38
4-Isopropyl toluene	ND	0.50	1	07/14/2025 17:38
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/14/2025 17:38
Methylene chloride	ND	2.0	1	07/14/2025 17:38
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/14/2025 17:38
Naphthalene	ND	0.30	1	07/14/2025 17:38
n-Propyl benzene	ND	0.50	1	07/14/2025 17:38
Styrene	ND	2.0	1	07/14/2025 17:38
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/14/2025 17:38
1,1,2,2-Tetrachloroethane	ND	0.020	1	07/14/2025 17:38
Tetrachloroethene	ND	0.20	1	07/14/2025 17:38
Toluene	ND	0.50	1	07/14/2025 17:38
1,2,3-Trichlorobenzene	ND	0.50	1	07/14/2025 17:38
1,2,4-Trichlorobenzene	ND	0.50	1	07/14/2025 17:38
1,1,1-Trichloroethane	ND	0.50	1	07/14/2025 17:38
1,1,2-Trichloroethane	ND	0.10	1	07/14/2025 17:38
Trichloroethene	ND	0.10	1	07/14/2025 17:38
Trichlorofluoromethane	ND	0.50	1	07/14/2025 17:38
1,2,3-Trichloropropane	ND	0.0050	1	07/14/2025 17:38
1,2,4-Trimethylbenzene	ND	0.50	1	07/14/2025 17:38
1,3,5-Trimethylbenzene	ND	0.50	1	07/14/2025 17:38
Vinyl Chloride	ND	0.0050	1	07/14/2025 17:38
m,p-Xylene	ND	1.0	1	07/14/2025 17:38
o-Xylene	ND	0.50	1	07/14/2025 17:38
Xylenes, Total	ND	1.0	1	07/14/2025 17:38

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Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	2507724-001D	Water	07/10/2025 14:10	GC28 07142516.D	321338

Analytes	Result	RL	DE	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>DE</u>	
Dibromofluoromethane	96	70-130	1	07/14/2025 17:38
Toluene-d8	101	70-130	1	07/14/2025 17:38
4-BFB	75	70-130	1	07/14/2025 17:38

Analyst(s): EVA

Analytical Comments: b1



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-7	2507724-002D	Water	07/10/2025 12:10		GC28 07142522.D	321338
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	07/14/2025 21:51		
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/14/2025 21:51		
Benzene	ND	0.20	1	07/14/2025 21:51		
Bromobenzene	ND	0.50	1	07/14/2025 21:51		
Bromochloromethane	ND	0.50	1	07/14/2025 21:51		
Bromodichloromethane	ND	0.050	1	07/14/2025 21:51		
Bromoform	ND	0.50	1	07/14/2025 21:51		
Bromomethane	ND	0.50	1	07/14/2025 21:51		
2-Butanone (MEK)	ND	5.0	1	07/14/2025 21:51		
t-Butyl alcohol (TBA)	ND	5.0	1	07/14/2025 21:51		
n-Butyl benzene	ND	0.50	1	07/14/2025 21:51		
sec-Butyl benzene	ND	0.50	1	07/14/2025 21:51		
tert-Butyl benzene	ND	0.50	1	07/14/2025 21:51		
Carbon Disulfide	ND	0.50	1	07/14/2025 21:51		
Carbon Tetrachloride	ND	0.050	1	07/14/2025 21:51		
Chlorobenzene	ND	0.50	1	07/14/2025 21:51		
Chloroethane	ND	0.50	1	07/14/2025 21:51		
Chloroform	ND	0.10	1	07/14/2025 21:51		
Chloromethane	ND	0.50	1	07/14/2025 21:51		
2-Chlorotoluene	ND	0.50	1	07/14/2025 21:51		
4-Chlorotoluene	ND	0.50	1	07/14/2025 21:51		
Dibromochloromethane	ND	0.15	1	07/14/2025 21:51		
1,2-Dibromo-3-chloropropane	ND	0.020	1	07/14/2025 21:51		
1,2-Dibromoethane (EDB)	ND	0.040	1	07/14/2025 21:51		
Dibromomethane	ND	0.50	1	07/14/2025 21:51		
1,2-Dichlorobenzene	ND	0.50	1	07/14/2025 21:51		
1,3-Dichlorobenzene	ND	0.50	1	07/14/2025 21:51		
1,4-Dichlorobenzene	ND	0.50	1	07/14/2025 21:51		
Dichlorodifluoromethane	ND	0.50	1	07/14/2025 21:51		
1,1-Dichloroethane	ND	0.50	1	07/14/2025 21:51		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	07/14/2025 21:51		
1,1-Dichloroethene	ND	0.010	1	07/14/2025 21:51		
cis-1,2-Dichloroethene	ND	0.50	1	07/14/2025 21:51		
trans-1,2-Dichloroethene	ND	0.50	1	07/14/2025 21:51		
1,2-Dichloropropane	ND	0.10	1	07/14/2025 21:51		
1,3-Dichloropropane	ND	0.50	1	07/14/2025 21:51		

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Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-7	2507724-002D	Water	07/10/2025 12:10		GC28 07142522.D	321338
Analytes	Result	RL	DE	Date Analyzed		
2,2-Dichloropropane	ND	0.50	1	07/14/2025 21:51		
1,1-Dichloropropene	ND	0.50	1	07/14/2025 21:51		
cis-1,3-Dichloropropene	ND	0.50	1	07/14/2025 21:51		
trans-1,3-Dichloropropene	ND	0.50	1	07/14/2025 21:51		
Diisopropyl ether (DIPE)	ND	0.50	1	07/14/2025 21:51		
Ethylbenzene	ND	0.50	1	07/14/2025 21:51		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/14/2025 21:51		
Freon 113	ND	0.50	1	07/14/2025 21:51		
Hexachlorobutadiene	ND	0.50	1	07/14/2025 21:51		
Hexachloroethane	ND	0.20	1	07/14/2025 21:51		
2-Hexanone	ND	0.50	1	07/14/2025 21:51		
Isopropylbenzene	ND	0.50	1	07/14/2025 21:51		
4-Isopropyl toluene	ND	0.50	1	07/14/2025 21:51		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/14/2025 21:51		
Methylene chloride	ND	2.0	1	07/14/2025 21:51		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/14/2025 21:51		
Naphthalene	ND	0.30	1	07/14/2025 21:51		
n-Propyl benzene	ND	0.50	1	07/14/2025 21:51		
Styrene	ND	2.0	1	07/14/2025 21:51		
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/14/2025 21:51		
1,1,2,2-Tetrachloroethane	ND	0.020	1	07/14/2025 21:51		
Tetrachloroethene	ND	0.20	1	07/14/2025 21:51		
Toluene	ND	0.50	1	07/14/2025 21:51		
1,2,3-Trichlorobenzene	ND	0.50	1	07/14/2025 21:51		
1,2,4-Trichlorobenzene	ND	0.50	1	07/14/2025 21:51		
1,1,1-Trichloroethane	ND	0.50	1	07/14/2025 21:51		
1,1,2-Trichloroethane	ND	0.10	1	07/14/2025 21:51		
Trichloroethene	ND	0.10	1	07/14/2025 21:51		
Trichlorofluoromethane	ND	0.50	1	07/14/2025 21:51		
1,2,3-Trichloropropane	ND	0.0050	1	07/14/2025 21:51		
1,2,4-Trimethylbenzene	ND	0.50	1	07/14/2025 21:51		
1,3,5-Trimethylbenzene	ND	0.50	1	07/14/2025 21:51		
Vinyl Chloride	ND	0.0050	1	07/14/2025 21:51		
m,p-Xylene	ND	1.0	1	07/14/2025 21:51		
o-Xylene	ND	0.50	1	07/14/2025 21:51		
Xylenes, Total	ND	1.0	1	07/14/2025 21:51		

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Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	2507724-002D	Water	07/10/2025 12:10	GC28 07142522.D	321338

Analytes	Result	RL	DE	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>DE</u>	
Dibromofluoromethane	99	70-130	1	07/14/2025 21:51
Toluene-d8	101	70-130	1	07/14/2025 21:51
4-BFB	77	70-130	1	07/14/2025 21:51

Analyst(s): EVA

Analytical Comments: b1



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-8	2507724-003D	Water	07/10/2025 06:45		GC28 07142523.D	321338
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	07/14/2025 22:29		
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/14/2025 22:29		
Benzene	ND	0.20	1	07/14/2025 22:29		
Bromobenzene	ND	0.50	1	07/14/2025 22:29		
Bromochloromethane	ND	0.50	1	07/14/2025 22:29		
Bromodichloromethane	ND	0.050	1	07/14/2025 22:29		
Bromoform	ND	0.50	1	07/14/2025 22:29		
Bromomethane	ND	0.50	1	07/14/2025 22:29		
2-Butanone (MEK)	ND	5.0	1	07/14/2025 22:29		
t-Butyl alcohol (TBA)	ND	5.0	1	07/14/2025 22:29		
n-Butyl benzene	ND	0.50	1	07/14/2025 22:29		
sec-Butyl benzene	ND	0.50	1	07/14/2025 22:29		
tert-Butyl benzene	ND	0.50	1	07/14/2025 22:29		
Carbon Disulfide	ND	0.50	1	07/14/2025 22:29		
Carbon Tetrachloride	ND	0.050	1	07/14/2025 22:29		
Chlorobenzene	ND	0.50	1	07/14/2025 22:29		
Chloroethane	ND	0.50	1	07/14/2025 22:29		
Chloroform	ND	0.10	1	07/14/2025 22:29		
Chloromethane	ND	0.50	1	07/14/2025 22:29		
2-Chlorotoluene	ND	0.50	1	07/14/2025 22:29		
4-Chlorotoluene	ND	0.50	1	07/14/2025 22:29		
Dibromochloromethane	ND	0.15	1	07/14/2025 22:29		
1,2-Dibromo-3-chloropropane	ND	0.020	1	07/14/2025 22:29		
1,2-Dibromoethane (EDB)	ND	0.040	1	07/14/2025 22:29		
Dibromomethane	ND	0.50	1	07/14/2025 22:29		
1,2-Dichlorobenzene	ND	0.50	1	07/14/2025 22:29		
1,3-Dichlorobenzene	ND	0.50	1	07/14/2025 22:29		
1,4-Dichlorobenzene	ND	0.50	1	07/14/2025 22:29		
Dichlorodifluoromethane	ND	0.50	1	07/14/2025 22:29		
1,1-Dichloroethane	ND	0.50	1	07/14/2025 22:29		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	07/14/2025 22:29		
1,1-Dichloroethene	ND	0.010	1	07/14/2025 22:29		
cis-1,2-Dichloroethene	ND	0.50	1	07/14/2025 22:29		
trans-1,2-Dichloroethene	ND	0.50	1	07/14/2025 22:29		
1,2-Dichloropropane	ND	0.10	1	07/14/2025 22:29		
1,3-Dichloropropane	ND	0.50	1	07/14/2025 22:29		

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Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-8	2507724-003D	Water	07/10/2025 06:45	GC28 07142523.D	321338

Analytes	Result	RL	DE	Date Analyzed
2,2-Dichloropropane	ND	0.50	1	07/14/2025 22:29
1,1-Dichloropropene	ND	0.50	1	07/14/2025 22:29
cis-1,3-Dichloropropene	ND	0.50	1	07/14/2025 22:29
trans-1,3-Dichloropropene	ND	0.50	1	07/14/2025 22:29
Diisopropyl ether (DIPE)	ND	0.50	1	07/14/2025 22:29
Ethylbenzene	ND	0.50	1	07/14/2025 22:29
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/14/2025 22:29
Freon 113	ND	0.50	1	07/14/2025 22:29
Hexachlorobutadiene	ND	0.50	1	07/14/2025 22:29
Hexachloroethane	ND	0.20	1	07/14/2025 22:29
2-Hexanone	ND	0.50	1	07/14/2025 22:29
Isopropylbenzene	ND	0.50	1	07/14/2025 22:29
4-Isopropyl toluene	ND	0.50	1	07/14/2025 22:29
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/14/2025 22:29
Methylene chloride	ND	2.0	1	07/14/2025 22:29
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/14/2025 22:29
Naphthalene	ND	0.30	1	07/14/2025 22:29
n-Propyl benzene	ND	0.50	1	07/14/2025 22:29
Styrene	ND	2.0	1	07/14/2025 22:29
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/14/2025 22:29
1,1,2,2-Tetrachloroethane	ND	0.020	1	07/14/2025 22:29
Tetrachloroethene	ND	0.20	1	07/14/2025 22:29
Toluene	ND	0.50	1	07/14/2025 22:29
1,2,3-Trichlorobenzene	ND	0.50	1	07/14/2025 22:29
1,2,4-Trichlorobenzene	ND	0.50	1	07/14/2025 22:29
1,1,1-Trichloroethane	ND	0.50	1	07/14/2025 22:29
1,1,2-Trichloroethane	ND	0.10	1	07/14/2025 22:29
Trichloroethene	ND	0.10	1	07/14/2025 22:29
Trichlorofluoromethane	ND	0.50	1	07/14/2025 22:29
1,2,3-Trichloropropane	ND	0.0050	1	07/14/2025 22:29
1,2,4-Trimethylbenzene	ND	0.50	1	07/14/2025 22:29
1,3,5-Trimethylbenzene	ND	0.50	1	07/14/2025 22:29
Vinyl Chloride	ND	0.0050	1	07/14/2025 22:29
m,p-Xylene	ND	1.0	1	07/14/2025 22:29
o-Xylene	ND	0.50	1	07/14/2025 22:29
Xylenes, Total	ND	1.0	1	07/14/2025 22:29

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Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-8	2507724-003D	Water	07/10/2025 06:45	GC28 07142523.D	321338

Analytes	Result	RL	DE	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>DE</u>	
Dibromofluoromethane	98	70-130	1	07/14/2025 22:29
Toluene-d8	100	70-130	1	07/14/2025 22:29
4-BFB	76	70-130	1	07/14/2025 22:29

Analyst(s): EVA

Analytical Comments: b1



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW3510C
Analytical Method: SW8270E
Unit: µg/L

Organic Lead (speciated) by GC-MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	2507724-001A	Water	07/10/2025 14:10	GC46 F0714250805.D	321272

Analytes	Result	RL	DE	Date Analyzed
Tetraethyl Lead	ND	0.050	1	07/14/2025 10:12
Tetramethyl Lead	ND	0.050	1	07/14/2025 10:12

Surrogates	REC (%)	Limits	DE	Date Analyzed
2-Fluorobiphenyl	96	50-150	1	07/14/2025 10:12

Analyst(s): TD **Analytical Comments:** b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	2507724-002A	Water	07/10/2025 12:10	GC46 F0714250808.D	321272

Analytes	Result	RL	DE	Date Analyzed
Tetraethyl Lead	ND	0.050	1	07/14/2025 11:37
Tetramethyl Lead	ND	0.050	1	07/14/2025 11:37

Surrogates	REC (%)	Limits	DE	Date Analyzed
2-Fluorobiphenyl	99	50-150	1	07/14/2025 11:37

Analyst(s): TD **Analytical Comments:** b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-8	2507724-003A	Water	07/10/2025 06:45	GC46 F0714250809.D	321272

Analytes	Result	RL	DE	Date Analyzed
Tetraethyl Lead	ND	0.050	1	07/14/2025 12:05
Tetramethyl Lead	ND	0.050	1	07/14/2025 12:05

Surrogates	REC (%)	Limits	DE	Date Analyzed
2-Fluorobiphenyl	98	50-150	1	07/14/2025 12:05

Analyst(s): TD **Analytical Comments:** b1



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/11/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L

Dissolved Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-5	2507724-001B	Water	07/10/2025 14:10		ICP-MS4 143SMPL.d	321243
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
Cadmium	ND		0.50	1	07/15/2025 12:53	
Chromium	0.60		0.50	1	07/15/2025 12:53	
Lead	0.58		0.50	1	07/15/2025 12:53	
Nickel	2.4		0.50	1	07/15/2025 12:53	
Zinc	ND		15	1	07/15/2025 12:53	

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-7	2507724-002B	Water	07/10/2025 12:10		ICP-MS4 146SMPL.d	321243
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
Cadmium	ND		0.50	1	07/15/2025 13:05	
Chromium	ND		0.50	1	07/15/2025 13:05	
Lead	0.58		0.50	1	07/15/2025 13:05	
Nickel	2.6		0.50	1	07/15/2025 13:05	
Zinc	ND		15	1	07/15/2025 13:05	

Analyst(s): WV

(Cont.)



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/11/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L

Dissolved Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-8	2507724-003B	Water	07/10/2025 06:45		ICP-MS4 147SMPL.d	321243
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
Cadmium	ND		0.50	1	07/15/2025 13:09	
Chromium	ND		0.50	1	07/15/2025 13:09	
Lead	1.1		0.50	1	07/15/2025 13:09	
Nickel	4.1		0.50	1	07/15/2025 13:09	
Zinc	ND		15	1	07/15/2025 13:09	

Analyst(s): WV



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/11/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW3510 C
Analytical Method: SW8015 B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	2507724-001C	Water	07/10/2025 14:10	GC11B 07142517.D	321232

Analytes	Result	RL	DE	Date Analyzed
TPH-Diesel (C10-C23)	ND	200	1	07/14/2025 16:19
TPH-Motor Oil (C18-C36)	ND	1000	1	07/14/2025 16:19

Surrogates	REC (%)	Qualifiers	Limits	DE	
C9	10	S	60-138	1	07/14/2025 16:19

Analyst(s): JNG

Analytical Comments: c14,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	2507724-002C	Water	07/10/2025 12:10	GC31A 07152528.D	321232

Analytes	Result	RL	DE	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	07/15/2025 20:00
TPH-Motor Oil (C18-C36)	ND	500	1	07/15/2025 20:00

Surrogates	REC (%)	Qualifiers	Limits	DE	
C9	35	S	60-138	1	07/15/2025 20:00

Analyst(s): JNG

Analytical Comments: c14,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-8	2507724-003C	Water	07/10/2025 06:45	GC11B 07142527.D	321232

Analytes	Result	RL	DE	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	07/14/2025 19:30
TPH-Motor Oil (C18-C36)	ND	500	1	07/14/2025 19:30

Surrogates	REC (%)	Limits	DE	
C9	89	60-138	1	07/14/2025 19:30

Analyst(s): JNG

Analytical Comments: b1



Analytical Report

Client: AEI Consultants
Date Received: 07/11/2025 8:40
Date Prepared: 07/14/2025
Project: Former Rogers Garage

WorkOrder: 2507724
Extraction Method: SW5030 B
Analytical Method: SW8015 B
Unit: µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-5	2507724-001C	Water	07/10/2025 14:10		GC57 07142515.D	321339
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
TPH(g) (C6-C12)	ND		50	1	07/14/2025 21:13	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
aaa-TFT	113		60-140	1	07/14/2025 21:13	
<u>Analyst(s):</u> IA			<u>Analytical Comments:</u> b1			

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-7	2507724-002C	Water	07/10/2025 12:10		GC57 07142516.D	321339
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
TPH(g) (C6-C12)	ND		50	1	07/14/2025 21:45	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
aaa-TFT	112		60-140	1	07/14/2025 21:45	
<u>Analyst(s):</u> IA			<u>Analytical Comments:</u> b1			

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-8	2507724-003C	Water	07/10/2025 06:45		GC57 07142520.D	321339
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
TPH(g) (C6-C12)	ND		50	1	07/14/2025 23:54	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
aaa-TFT	110		60-140	1	07/14/2025 23:54	
<u>Analyst(s):</u> IA			<u>Analytical Comments:</u> b1			



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acetone	ND	6.7	40	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.13	0.50	-	-	-
Benzene	ND	0.035	0.20	-	-	-
Bromobenzene	ND	0.11	0.50	-	-	-
Bromochloromethane	ND	0.21	0.50	-	-	-
Bromodichloromethane	ND	0.035	0.050	-	-	-
Bromoform	ND	0.24	0.50	-	-	-
Bromomethane	ND	0.25	0.50	-	-	-
2-Butanone (MEK)	ND	1.4	5.0	-	-	-
t-Butyl alcohol (TBA)	ND	1.5	5.0	-	-	-
n-Butyl benzene	ND	0.16	0.50	-	-	-
sec-Butyl benzene	ND	0.10	0.50	-	-	-
tert-Butyl benzene	ND	0.17	0.50	-	-	-
Carbon Disulfide	ND	0.12	0.50	-	-	-
Carbon Tetrachloride	ND	0.034	0.050	-	-	-
Chlorobenzene	ND	0.095	0.50	-	-	-
Chloroethane	ND	0.25	0.50	-	-	-
Chloroform	ND	0.043	0.10	-	-	-
Chloromethane	ND	0.16	0.50	-	-	-
2-Chlorotoluene	ND	0.12	0.50	-	-	-
4-Chlorotoluene	ND	0.099	0.50	-	-	-
Dibromochloromethane	ND	0.073	0.15	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0079	0.020	-	-	-
1,2-Dibromoethane (EDB)	ND	0.016	0.040	-	-	-
Dibromomethane	ND	0.17	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.10	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.14	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.089	0.50	-	-	-
Dichlorodifluoromethane	ND	0.16	0.50	-	-	-
1,1-Dichloroethane	ND	0.14	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0093	0.020	-	-	-
1,1-Dichloroethene	ND	0.0058	0.010	-	-	-
cis-1,2-Dichloroethene	ND	0.14	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.15	0.50	-	-	-
1,2-Dichloropropane	ND	0.039	0.10	-	-	-
1,3-Dichloropropane	ND	0.16	0.50	-	-	-
2,2-Dichloropropane	ND	0.17	0.50	-	-	-
1,1-Dichloropropene	ND	0.11	0.50	-	-	-

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Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
cis-1,3-Dichloropropene	ND	0.13	0.50	-	-	-
trans-1,3-Dichloropropene	ND	0.20	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.16	0.50	-	-	-
Ethylbenzene	ND	0.10	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.15	0.50	-	-	-
Freon 113	ND	0.15	0.50	-	-	-
Hexachlorobutadiene	ND	0.064	0.50	-	-	-
Hexachloroethane	ND	0.078	0.20	-	-	-
2-Hexanone	ND	0.23	0.50	-	-	-
Isopropylbenzene	ND	0.10	0.50	-	-	-
4-Isopropyl toluene	ND	0.19	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.15	0.50	-	-	-
Methylene chloride	ND	1.5	2.0	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.22	0.50	-	-	-
Naphthalene	ND	0.17	0.30	-	-	-
n-Propyl benzene	ND	0.11	0.50	-	-	-
Styrene	ND	0.22	2.0	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.086	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.015	0.020	-	-	-
Tetrachloroethene	ND	0.036	0.20	-	-	-
Toluene	ND	0.10	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.17	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.13	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.032	0.10	-	-	-
Trichloroethene	ND	0.034	0.10	-	-	-
Trichlorofluoromethane	ND	0.14	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.0036	0.0050	-	-	-
1,2,4-Trimethylbenzene	ND	0.10	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.096	0.50	-	-	-
Vinyl Chloride	ND	0.0044	0.0050	-	-	-
m,p-Xylene	ND	0.22	1.0	-	-	-
o-Xylene	ND	0.12	0.50	-	-	-

(Cont.)



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
Dibromofluoromethane	24			25	96	70-130
Toluene-d8	26			25	105	70-130
4-BFB	1.9			2.5	76	70-130



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	1	47	49	40	ND	118	122	60-140	3.31	20
tert-Amyl methyl ether (TAME)	1	3.6	3.7	4	ND	91	92	60-140	1.06	20
Benzene	1	3.9	3.9	4	ND	96	98	60-140	1.20	20
Bromobenzene	1	3.6	3.6	4	ND	90	90	60-140	0.681	20
Bromochloromethane	1	3.9	4.0	4	ND	97	99	60-140	2.80	20
Bromodichloromethane	1	3.8	3.8	4	ND	95	96	60-140	1.24	20
Bromoform	1	3.5	3.6	4	ND	88	91	50-140	2.83	20
Bromomethane	1	0.38	0.39	4	ND	NR,F16	NR,F16	40-140	NR	20
2-Butanone (MEK)	1	18	18	16	ND	110	112	50-140	1.26	20
t-Butyl alcohol (TBA)	1	14	14	16	ND	89	86	50-140	2.95	20
n-Butyl benzene	1	3.8	3.8	4	ND	95	96	60-140	0.772	20
sec-Butyl benzene	1	3.6	3.6	4	ND	89	91	60-140	2.23	20
tert-Butyl benzene	1	3.4	3.5	4	ND	85	87	60-140	2.08	20
Carbon Disulfide	1	4.1	4.1	4	ND	102	103	60-140	0.359	20
Carbon Tetrachloride	1	3.6	3.7	4	ND	90	91	60-140	1.14	20
Chlorobenzene	1	3.9	3.8	4	ND	97	95	60-140	2.02	20
Chloroethane	1	3.9	3.5	4	ND	96	88	60-140	9.63	20
Chloroform	1	4.0	4.0	4	ND	100	101	60-140	0.452	20
Chloromethane	1	3.9	3.9	4	ND	97	98	60-140	1.28	20
2-Chlorotoluene	1	3.4	3.5	4	ND	85	88	60-140	2.73	20
4-Chlorotoluene	1	3.5	3.6	4	ND	89	89	60-140	0.154	20
Dibromochloromethane	1	3.5	3.5	4	ND	87	88	50-140	1.41	20
1,2-Dibromo-3-chloropropane	1	1.9	1.9	2	ND	95	96	50-140	0.134	20
1,2-Dibromoethane (EDB)	1	1.9	1.9	2	ND	94	95	60-140	1.62	20
Dibromomethane	1	4.0	3.9	4	ND	99	97	60-140	2.97	20
1,2-Dichlorobenzene	1	3.7	3.7	4	ND	94	93	60-140	0.605	20
1,3-Dichlorobenzene	1	3.7	3.6	4	ND	92	90	60-140	2.12	20
1,4-Dichlorobenzene	1	3.7	3.8	4	ND	93	94	60-140	1.31	20
Dichlorodifluoromethane	1	3.7	3.8	4	ND	93	96	40-140	3.05	20
1,1-Dichloroethane	1	3.9	3.9	4	ND	97	97	60-140	0.564	20
1,2-Dichloroethane (1,2-DCA)	1	3.8	3.8	4	ND	95	95	60-140	0.158	20
1,1-Dichloroethene	1	4.5	4.5	4	ND	112	113	50-140	0.701	20
cis-1,2-Dichloroethene	1	3.8	3.9	4	ND	95	97	60-140	1.43	20
trans-1,2-Dichloroethene	1	3.9	3.9	4	ND	97	98	60-140	1.26	20
1,2-Dichloropropane	1	4.2	4.2	4	ND	105	105	60-140	0.661	20
1,3-Dichloropropane	1	4.0	3.9	4	ND	99	98	60-140	0.886	20
2,2-Dichloropropane	1	3.7	3.6	4	ND	92	91	60-140	1.35	20
1,1-Dichloropropene	1	3.7	3.7	4	ND	91	91	60-140	0.0260	20

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Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	1	3.6	3.6	4	ND	90	90	60-140	0.238	20
trans-1,3-Dichloropropene	1	3.8	3.8	4	ND	95	96	60-140	0.577	20
Diisopropyl ether (DIPE)	1	3.9	4.0	4	ND	99	100	60-140	0.985	20
Ethylbenzene	1	3.5	3.5	4	ND	88	88	60-140	0.438	20
Ethyl tert-butyl ether (ETBE)	1	3.7	3.8	4	ND	93	94	60-140	0.882	20
Freon 113	1	3.7	3.7	4	ND	93	92	60-140	1.61	20
Hexachlorobutadiene	1	4.1	4.2	4	ND	103	104	60-140	0.651	20
Hexachloroethane	1	3.1	3.2	4	ND	76	80	40-140	4.51	20
2-Hexanone	1	3.6	4.1	4	ND	90	103	50-140	13.6	20
Isopropylbenzene	1	3.7	3.7	4	ND	91	91	60-140	0.179	20
4-Isopropyl toluene	1	3.7	3.7	4	ND	93	93	60-140	0.496	20
Methyl-t-butyl ether (MTBE)	1	3.7	3.7	4	ND	92	93	60-140	0.906	20
Methylene chloride	1	5.3	5.2	4	ND	132	131	60-140	0.987	20
4-Methyl-2-pentanone (MIBK)	1	3.7	3.9	4	ND	91	99	50-140	7.44	20
Naphthalene	1	7.1	6.8	4	ND	178,F1	169,F1	50-140	5.38	20
n-Propyl benzene	1	3.4	3.5	4	ND	86	87	60-140	0.620	20
Styrene	1	3.4	3.4	4	ND	85	84	40-140	0.839	20
1,1,1,2-Tetrachloroethane	1	3.4	3.4	4	ND	85	84	60-140	1.89	20
1,1,2,2-Tetrachloroethane	1	3.9	4.0	4	ND	98	101	60-140	3.01	20
Tetrachloroethene	1	3.8	3.8	4	ND	96	96	60-140	0.00890	20
Toluene	1	3.6	3.7	4	ND	91	92	60-140	2.05	20
1,2,3-Trichlorobenzene	1	8.3	6.6	4	ND	207,F1	164,F1	60-140	23.4,F1	20
1,2,4-Trichlorobenzene	1	5.3	5.3	4	ND	133	132	60-140	0.572	20
1,1,1-Trichloroethane	1	3.4	3.4	4	ND	85	86	60-140	0.884	20
1,1,2-Trichloroethane	1	4.0	4.0	4	ND	99	100	60-140	1.08	20
Trichloroethene	1	3.9	4.0	4	ND	98	99	60-140	0.833	20
Trichlorofluoromethane	1	3.4	3.5	4	ND	86	87	60-140	0.770	20
1,2,3-Trichloropropane	1	1.8	1.9	2	ND	92	95	60-140	2.50	20
1,2,4-Trimethylbenzene	1	3.5	3.4	4	ND	87	86	60-140	1.98	20
1,3,5-Trimethylbenzene	1	3.4	3.4	4	ND	86	85	60-140	0.588	20
Vinyl Chloride	1	3.1	3.2	2	ND	156,F1	159,F1	60-140	2.20	20
m,p-Xylene	1	7.1	7.2	8	ND	89	90	60-140	1.35	20
o-Xylene	1	3.6	3.6	4	ND	90	91	60-140	0.859	20

(Cont.)



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC28
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321338
Extraction Method: SW5030B
Analytical Method: SW8260D
Unit: µg/L
Sample ID: MB-321338
2507724-001DMS/MSD

QC Summary Report for SW8260D

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery										
Dibromofluoromethane	1	24	24	25		97	97	70-140	0.739	20
Toluene-d8	1	26	26	25		103	103	70-140	0.633	20
4-BFB	1	1.9	2.0	2.5		77	78	70-140	1.02	20



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/14/2025
Date Analyzed: 07/14/2025
Instrument: GC46
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321272
Extraction Method: SW3510C
Analytical Method: SW8270E
Unit: µg/L
Sample ID: MB/LCS/LCSD-321272
2507724-003AMS/MSD

QC Summary Report for Organic Lead by GC-MS

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Tetraethyl Lead	ND	0.026	0.050	-	-	-
Tetramethyl Lead	ND	0.040	0.050	-	-	-

Surrogate Recovery

2-Fluorobiphenyl	4.6			5	91	50-150
------------------	-----	--	--	---	----	--------

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Tetraethyl Lead	1.8	2.0	2.5	73	82	70-130	11.6	20
Tetramethyl Lead	2.1	2.2	2.5	84	88	70-130	4.36	20

Surrogate Recovery

2-Fluorobiphenyl	4.6	4.6	5	92	92	70-130	0.855	20
------------------	-----	-----	---	----	----	--------	-------	----

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Tetraethyl Lead	1	2.1	2.1	2.5	ND	86	82	50-150	3.83	30
Tetramethyl Lead	1	2.2	2.3	2.5	ND	89	90	50-150	1.28	30

Surrogate Recovery

2-Fluorobiphenyl	1	4.6	4.8	5		93	95	50-150	2.99	30
------------------	---	-----	-----	---	--	----	----	--------	------	----



Quality Control Report

Client: AEI Consultants
Date Prepared: 07/11/2025
Date Analyzed: 07/15/2025
Instrument: ICP-MS4
Matrix: Water
Project: Former Rogers Garage

WorkOrder: 2507724
BatchID: 321243
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L
Sample ID: MB/LCS/LCSD-321243
2507724-001BMS/MSD

QC Summary Report for Dissolved Metals

Analyte	MB Result	MDL	RL			
Cadmium	ND	0.067	0.50	-	-	-
Chromium	ND	0.12	0.50	-	-	-
Lead	ND	0.077	0.50	-	-	-
Nickel	ND	0.19	0.50	-	-	-
Zinc	14,J	7.7	15	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Cadmium	52	52	50	105	105	85-115	0.292	20
Chromium	53	52	50	107	105	85-115	1.80	20
Lead	52	53	50	104	105	85-115	1.30	20
Nickel	51	51	50	101	103	85-115	1.39	20
Zinc	540	540	500	107	108	85-115	0.662	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Cadmium	1	53	53	50	ND	106	106	70-130	0.237	20
Chromium	1	53	52	50	0.6010	106	103	70-130	2.10	20
Lead	1	57	56	50	0.5830	114	111	70-130	2.15	20
Nickel	1	54	54	50	2.432	102	103	70-130	0.355	20
Zinc	1	530	530	500	ND	105	105	70-130	0.194	20



Quality Control Report

Client: AEI Consultants

Date Prepared: 07/11/2025

Date Analyzed: 07/12/2025

Instrument: GC11A

Matrix: Water

Project: Former Rogers Garage

WorkOrder: 2507724

BatchID: 321232

Extraction Method: SW3510 C

Analytical Method: SW8015 B

Unit: µg/L

Sample ID: MB/LCS/LCSD-321232

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH-Diesel (C10-C23)	ND	56	100	-	-	-
TPH-Motor Oil (C18-C36)	ND	160	500	-	-	-
Surrogate Recovery						
C9	650			625	103	73-144

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	980	1100	1000	98	109	70-130	10.1	20
Surrogate Recovery								
C9	640	700	625	103	113	73-144	9.29	20



Quality Control Report

Client:	AEI Consultants	WorkOrder:	2507724
Date Prepared:	07/14/2025	BatchID:	321339
Date Analyzed:	07/14/2025	Extraction Method:	SW5030 B
Instrument:	GC57	Analytical Method:	SW8015 B
Matrix:	Water	Unit:	µg/L
Project:	Former Rogers Garage	Sample ID:	MB/LCS/LCSD-321339

QC Summary Report for 8015B

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH(g) (C6-C12)	ND	21	50	-	-	-
Surrogate Recovery						
aaa-TFT	11			10	108	60-140

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)	210	200	200	105	101	60-140	3.61	20
Surrogate Recovery								
aaa-TFT	11	11	10	110	109	60-140	0.883	20

☐ WaterTrax ☐ CLIP ☐ EDF**CHAIN-OF-CUSTODY RECORD****WorkOrder: 2507724****ClientCode: AEL**☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Excel**Report to:**Trent Weise
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
650-333-4445 FAX: (925) 283-6121Email: tweise@aeiconsultants.com
cc/3rd Party:
PO:
Project: Former Rogers Garage**Bill to:**Accounts Payable
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.com**Requested TAT: 5 days;***Date Received:* **07/11/2025***Date Logged:* **07/11/2025**

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507724-001	MW-5	Water	7/10/2025 14:10	☐	D	A	B	A	C	C						
2507724-002	MW-7	Water	7/10/2025 12:10	☐	D	A	B	A	C	C						
2507724-003	MW-8	Water	7/10/2025 06:45	☐	D	A	B	A	C	C						

Test Legend:

1	8260_W
5	TPH(DMO)_W
9	

2	MAI_OPBMS_W
6	TPH-Gas_W
10	

3	METALSMS_FF DISS
7	
11	

4	PRDisposal Fee
8	
12	

Project Manager: Jennifer Lagerbom**Prepared by: Emily Perez**

The following SampleIDs: 001C, 002C, 003C contain testgroup Multi Range_W.

Comments:NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS

Project: Former Rogers Garage

Work Order: 2507724

Client Contact: Trent Weise

QC Level: LEVEL 2

Contact's Email: tweise@aeiconsultants.com

Comments:

Date Logged: 7/11/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	MW-5	Water	SW8270E - Organic Lead (speciated)	1	250mL aG, Unpres	☐	☐	☐	7/10/2025 14:10	5 days	7/18/2025	10%+	☐	☐
001B	MW-5	Water	E200.8 (Metals) (Dissolved-Field Filtered) <Cadmium, Chromium, Lead, Nickel, Zinc>	1	250mL HDPE w/ HNO3	☐	☐	☐	7/10/2025 14:10	5 days	7/18/2025	None	☐	☐
001C	MW-5	Water	Multi-Range TPH Gas, Diesel, and Motor Oil	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	☐	☐	7/10/2025 14:10	5 days	7/18/2025	10%+	☐	☐
001D	MW-5	Water	SW8260D (VOCs)	2	VOA w/ HCl	☐	☐	☐	7/10/2025 14:10	5 days	7/18/2025	10%+	☐	☐
002A	MW-7	Water	SW8270E - Organic Lead (speciated)	1	250mL aG, Unpres	☐	☐	☐	7/10/2025 12:10	5 days	7/18/2025	5%+	☐	☐
002B	MW-7	Water	E200.8 (Metals) (Dissolved-Field Filtered) <Cadmium, Chromium, Lead, Nickel, Zinc>	1	250mL HDPE w/ HNO3	☐	☐	☐	7/10/2025 12:10	5 days	7/18/2025	None	☐	☐
002C	MW-7	Water	Multi-Range TPH Gas, Diesel, and Motor Oil	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	☐	☐	7/10/2025 12:10	5 days	7/18/2025	5%+	☐	☐
002D	MW-7	Water	SW8260D (VOCs)	2	VOA w/ HCl	☐	☐	☐	7/10/2025 12:10	5 days	7/18/2025	5%+	☐	☐
003A	MW-8	Water	SW8270E - Organic Lead (speciated)	1	250mL aG, Unpres	☐	☐	☐	7/10/2025 6:45	5 days	7/18/2025	5%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS

Project: Former Rogers Garage

Work Order: 2507724

Client Contact: Trent Weise

QC Level: LEVEL 2

Contact's Email: tweise@aeiconsultants.com

Comments:

Date Logged: 7/11/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
003B	MW-8	Water	E200.8 (Metals) (Dissolved-Field Filtered) <Cadmium, Chromium, Lead, Nickel, Zinc>	1	250mL HDPE w/ HNO3	☐	☐	☐	7/10/2025 6:45	5 days	7/18/2025	None	☐	☐
003C	MW-8	Water	Multi-Range TPH Gas, Diesel, and Motor Oil	4	2 VOAs w/HCL + 2- aVOAs (multi-range)	☐	☐	☐	7/10/2025 6:45	5 days	7/18/2025	5%+	☐	☐
003D	MW-8	Water	SW8260D (VOCs)	2	VOA w/ HCL	☐	☐	☐	7/10/2025 6:45	5 days	7/18/2025	5%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

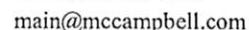
- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2507724



Page 31 of 32



Sample Receipt Checklist

Client Name: AEI Consultants
Project: Former Rogers Garage

Date and Time Received: 7/11/2025 08:40
Date Logged: 7/11/2025
Received by: Agustina Venegas
Logged by: Emily Perez

WorkOrder No: 2507724 Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☒ No ☐	NA ☐

pH Lot#: HC333774

Lot Expiration: 1/31/2028

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7)?	Yes ☐	No ☐	NA ☒

Comments:

APPENDIX C
WASTE MANIFEST
DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE	NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>N/A</i>		Manifest Document No. <i>13732</i>		2. Page 1 of 1			
	3. Generator's Name and Mailing Address <i>Samir Rogers Garage 1622 Old Africa Road Bay Side CA</i>									
	4. Generator's Phone ()									
	5. Transporter 1 Company Name <i>Blaine Tech</i>		6. US EPA ID Number		A. State Transporter's ID					
	7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone					
					C. State Transporter's ID					
9. Designated Facility Name and Site Address <i>INSTRAT, INC. 1105 C. AIRPORT RD. RIO VISTA, CA 94571</i>		10. US EPA ID Number		D. Transporter 2 Phone				E. State Facility's ID		
				F. Facility's Phone <i>(707) 374-3834</i>						
GENERATOR	11. WASTE DESCRIPTION			12. Containers		13. Total Quantity		14. Unit Wt./Vol.		
	a. <i>Maintaining well Targe Water</i>			No. Type		<i>10.0 gal</i>				
	b.									
	c.									
	d.									
	G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above						
15. Special Handling Instructions and Additional Information										
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.										
TRANSPORTER	Printed/Typed Name				Signature				Date Month Day Year	
	17. Transporter 1 Acknowledgement of Receipt of Materials									
	Printed/Typed Name <i>Carolina Sanchez</i>				Signature <i>[Signature]</i>				Date Month Day Year <i>7/11/25</i>	
	18. Transporter 2 Acknowledgement of Receipt of Materials									
	Printed/Typed Name				Signature				Date Month Day Year	
FACILITY	19. Discrepancy Indication Space									
	20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.									
	Printed/Typed Name <i>Bert Cadinhua</i>				Signature <i>[Signature]</i>				Date Month Day Year <i>7/11/25</i>	

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>N/A</i>		Manifest Document No. <i>13732</i>		2. Page 1 of 1	
3. Generator's Name and Mailing Address <i>James Rogers Garage 1622 Old Alca Road Bayside CA</i>							
4. Generator's Phone ()							
5. Transporter 1 Company Name <i>Blaine Tech</i>		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone			
9. Designated Facility Name and Site Address INSTRAT, INC. 1105 C. AIRPORT RD. RIO VISTA, CA 94571		10. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone <i>(707) 374-3834</i>			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No.	Type		
a. <i>Aluminum well Tank (Junk)</i>						<i>10.051</i>	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name				Signature		Date	
						Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials						Date	
Printed/Typed Name <i>Carla S. Lopez</i>				Signature <i>[Signature]</i>		Month Day Year <i>7/11/25</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials						Date	
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						Date	
Printed/Typed Name <i>Best Calina</i>				Signature <i>[Signature]</i>		Month Day Year <i>7/11/25</i>	

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

