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ENVIRONMENT

Ms. Rebekah Reams
Alaska Department of Environmental Conservation
Spill Prevention and Response, Contaminated Sites Program
610 University Avenue
Fairbanks, Alaska 99709

Subject:
2022 Second Semi-Annual Groundwater Monitoring Report

Date:
February 28, 2023

Contact:
Gerald Robinson

Phone:
724.934.9507

Email:
Gerald.robinson@arcadis.com

Our ref:
30063667

Dear Ms. Reams,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis) has prepared the attached *2022 Second Semi-Annual Groundwater Monitoring Report* for the second semi-annual groundwater sampling event of 2022 for the following facility:

Chevron Facility No.	ADEC File No.	Hazard ID	Location
97324	2100.26.008	23885	4417 Lake Otis Parkway Anchorage, Alaska

If you have any questions, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Gerald A. Robinson
Project Manager

Copies:
Susan Erickson, Chevron (*electronic copy*)
Emma Giboney, Municipality of Anchorage (*electronic copy*)

ARCADIS Design & Consultancy for natural and built assets

Chevron Environmental Management Company

2022 SECOND SEMI-ANNUAL GROUNDWATER MONITORING

REPORT

Former Chevron-Branded
Service Station No. 97324
4417 Lake Otis Parkway
Anchorage, Alaska
ADEC File No. 2100.26.008

February 28, 2023

2022 SECOND SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Former Chevron-Branded Service Station No. 97324

4417 Lake Otis Parkway
Anchorage, Alaska

ADEC File No: 2100.26.008
HAZARD ID No: 23885

Prepared for:

Chevron Environmental Management Company

Kimberly Kroenke
Task Manager

Gerald A. Robinson.
Project Manager

Prepared by:

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2100 Georgetown Drive, Suite 402,
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Our Ref.:

30063667 Date:
February 28, 2023

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2022 SECOND SEMI-ANNUAL GROUNDWATER MONITORING REPORT
February 28, 2023

Facility No:	Former Chevron-Branded Station No. 97324	Address:	4417 Lake Otis Parkway Anchorage, Alaska

Arcadis Contact Person / Phone No.:	Gerald Robinson / (724) 934-9507
Arcadis Project No.:	30063667
Primary Agency/Regulatory ID No.:	Alaska Department of Conservation (ADEC) / Rebekah Reams /ADEC File ID: 2100.26.008

WORK CONDUCTED THIS PERIOD [Second Half 2022]:

1. Conducted semi-annual groundwater monitoring activities on August 16, 2022.
2. Prepared the *2022 Second Semi-Annual Groundwater Monitoring Report.*

WORK PROPOSED NEXT PERIOD [First Half 2023]:

1. Conduct semi-annual groundwater monitoring activities in the first half of 2023
2. Prepare the *2023 First Semi-Annual Groundwater Monitoring Report*.

Current Phase of Project:	Monitoring	
Frequency of Monitoring / Sampling:	Semi-annual	
Are Light Non-Aqueous Phase Liquid (LNAPL) Present On-site:	No	
Cumulative LNAPL Recovered to Date:	0.00	(gallons)
Approximate Depth to Groundwater:	12.70 (MW-9) to 23.76 (MW-2R)	(feet below top of casing)
Approximate Groundwater Elevation:	144.49 (MW-2R) to 146.54 (MW-9)	(feet relative to NAVD88)
Groundwater Flow Direction	North-Northwest (historically)	

Groundwater Gradient	0.027	(feet per foot)
Current Remediation Techniques:	None	
Permits for Discharge:	None	
Summary of Unusual Activity:	None	
Agency Directive Requirements:	None	

1 INTRODUCTION

On behalf of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis), has prepared this report to document the second semi-annual groundwater monitoring event of 2022 for the former Chevron-branded service station 97324, located at 4417 Lake Otis Parkway in Anchorage, Alaska (site). The site location map and site plan are presented on **Figure 1** and **Figure 2**, respectively.

This work was conducted under the direction of a "Qualified Environmental Professional" (QEP) and "Qualified Sampler" (18 Alaska Administrative Code [AAC] 75.333). Site background and history summaries are attached as **Appendix A**.

2 GROUNDWATER MONITORING

2.1 Groundwater Gauging Methods

The second semi-annual 2022 groundwater monitoring event was conducted on August 16, 2022. Monitoring wells MW-1R, MW-2R, MW-8RR, and MW-9 were gauged with an oil/water interface probe to determine depth-to-water and to ascertain if light non-aqueous phase liquid (LNAPL) was present.

To prevent the possibility of cross-contamination, wells were gauged in the order of lowest to highest historical petroleum hydrocarbon concentrations in groundwater. In addition, non-disposable groundwater gauging equipment was decontaminated prior to and after each use with a detergent solution and rinsed in potable water.

2.2 Groundwater Elevation and Flow Direction

During the second semi-annual 2022 groundwater monitoring event, monitoring wells MW-1R, MW-2R, MW-8RR, and MW-9 were gauged to determine groundwater elevations and the presence of LNAPL. The groundwater monitoring event field notes are presented in **Appendix B**.

Based on measured groundwater elevations, the inferred groundwater flow direction for the second semi-annual 2022 monitoring event was to the north-northwest and is consistent with the historic groundwater flow at the site. Current and historical groundwater gauging are summarized in **Table 1** and **Table 4**, respectively. A groundwater elevation map is presented as **Figure 3**.

2.3 Groundwater Sampling Methods

During the second semi-annual groundwater monitoring event conducted on August 16, 2022, groundwater samples were collected from monitoring wells MW-1R, MW-2R, MW-8RR, and MW-9 using a low flow purge sampling method.

Sampling procedures were conducted in accordance with ADEC *Field Sampling Guidance* (ADEC, 2022). Monitoring well caps were removed to allow groundwater levels to stabilize and equilibrate before using an electronic interface probe (EIP) capable of 0.01-foot accuracy to measure the depth to groundwater and total well depth. A bladder pump with compressor & control unit with clean/disposable Teflon lined tubing and bladders was used to purge groundwater from the wells and collect samples to minimize the risk of volatile contaminant absorption by the sampling equipment. Water table drawdown was continuously monitored during purging with an EIP and the flow rate of the pump was adjusted to limit drawdown to 0.1 meter. The intake of the pump was set as close as possible to the soil groundwater interface. Water quality parameters were monitored during purging with a multi-parameter water quality meter equipped with a flow through cell and turbidity meter. Water quality parameters were recorded every three to five minutes until a minimum of three (minimum of four if using temperature as an indicator) of the parameters listed below stabilized.

- ± 3% for temperature (minimum of ± 0.2 C°),
- ± 0.1 for pH,
- ± 3% for conductivity,
- ± 10 mv for redox potential,
- ± 10% for dissolved oxygen, and
- ± 10% for turbidity.

Water quality parameters were considered stable when three successive readings were within ADEC limits. Upon stabilization, the flow rate was reduced between 100 and 150 milliliters per minute (ml/minute) and samples were collected from the discharge line into laboratory prepared sample bottles. Sample bottles were labeled, stored in a cooler packed with ice, and submitted to Pace Analytical Laboratory (Pace) located in Mount Juliet, Tennessee, under proper chain-of-custody procedures.

Groundwater samples collected from monitoring wells MW-1R, MW-2R, MW-8RR, and MW-9 were submitted to Pace for the following analyses:

- Full-scan volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, total xylenes (collectively BTEX), methyl tertiary-butyl ether (MTBE), and naphthalene by United States Environmental Protection Agency (USEPA) Method 8260D,
- Total petroleum hydrocarbons as gasoline range organics (GRO) by Alaska Method AK101, and
- Total petroleum hydrocarbons as diesel range organics (DRO) by Alaska Method AK102.

Additionally, groundwater samples collected from MW-2R are analyzed for polycyclic aromatic hydrocarbons (PAHs) by USEPA Method 8270E-SIM.

A groundwater duplicate sample was collected from monitoring well MW-2R. The duplicate sample was analyzed for full-scan VOCs, GRO, DRO, and PAHs. The duplicate sample was submitted blind with the sample set to Pace.

2.4 Groundwater Analytical Results

Routine analytical results for BTEX, MTBE, naphthalene, GRO, and DRO from the second semi-annual 2022 groundwater monitoring event are summarized in **Table 1** and additional VOCs analyzed by USEPA Method 8260D are summarized in **Table 2**. Current and historic analytical data for PAHs are summarized in **Table 3**. Historical groundwater gauging and analytical data are summarized in **Table 4**. Historical additional VOCs analyzed by USEPA Method 8260D are summarized in **Table 5**.

Current analytical results for BTEX, MTBE, naphthalene, GRO, and DRO are summarized on **Figure 4**.

3 INVESTIGATION DERIVED WASTE

Purge and decontamination water was collected and is currently stored in a U.S. Department of Transportation-approved 55-gallon steel drums onsite. Each drum was labeled with the contents, generator, date generated, and generator contact information. Following waste characterization and ADEC approval, the investigation derived waste will be transported offsite for treatment and/or disposal.

4 LABORATORY DATA QUALITY ASSURANCE SUMMARY

As required by ADEC (Technical Memorandum, October 2019), Arcadis completed a laboratory data review checklist for each of the laboratory report generated for the 2022 second semi-annual event. The laboratory report is included as **Appendix C** and data review checklist is included as **Appendix D**. The following quality assurance (QA) summary describes six parameters, related to the quality and usability of the data presented in this report.

4.1 Precision

The relative percent difference (RPD) for laboratory control sample and laboratory control sample duplicate (LCS/LCSD) and field duplicates (FD) were within the control limits.

The RPD between matrix spike and matrix spike duplicate (MS/MSD) exceeded the control limits for compound GRO in the sample location MW-9 for Alaska Method AK101. Analytical results in associated sample locations were qualified as estimated.

The precision of the data, as measured by laboratory quality control (QC) indicators, suggest that the Data Quality Objectives (DQOs) were met.

4.2 Accuracy

The percent recoveries for LCS/LCSD, MS/MSD and surrogate recoveries were within the control limits.

The accuracy of the data, as measured by laboratory quality control (QC) indicators, suggest that the DQOs were met.

4.3 Representativeness

The data appear to be representative of site conditions and are generally consistent with historical groundwater monitoring results and expected impacts to groundwater.

4.4 Comparability

The laboratory results are presented in the same units as previous reports to allow comparison. The target compounds were not detected in trip blank and method blank with below exceptions.

Compound GRO was detected below the reporting limit in the method blank for Alaska Method AK101. Based on blank evaluation, the results for compound at sample location MW-9 was qualified as non-detect.

4.5 Completeness

The results appear to be valid and usable, and thus, the laboratory results have 100% completeness.

4.6 Sensitivity

The concentrations of ethylbenzene exceeded the ADEC groundwater cleanup levels (GCLs) in the sample collected from monitoring well MW-2R.

The concentrations of naphthalene exceeded the ADEC GCLs in the samples collected from monitoring wells MW-2R and MW-8RR.

The concentration of trichloroethene exceeded ADEC GCLs in the sample collected from monitoring well MW-9.

The laboratory reported detection limit for compounds, chloroform, 1,2-dibromoethane, 1,2,3-trichloropropane and vinyl chloride exceeded the ADEC GCLs; however, the laboratory method detection limit is below the ADEC GCLs. As all samples were not detected for the mentioned constituents.

The sensitivity of the analyses was adequate for the samples as the detection limits were less than the ADEC GCLs for compounds with above exceptions.

5 CONCLUSIONS AND RECOMMENDATIONS

The groundwater data collected during the second semi-annual 2022 event indicate groundwater flow is relatively in the north-northwest direction. During the second semi-annual 2022 groundwater monitoring event, groundwater samples were collected for analysis from monitoring wells MW-1R, MW-2R, MW-8RR, and MW-9. Analytical results from the monitoring wells are generally consistent with historical data.

Groundwater monitoring will continue in accordance with the current semi-annual schedule. The next groundwater sampling event will be conducted in the spring of 2023.

6 REFERENCES

ADEC. *Field Sampling Guidance*. Division of Spill Prevention and Response Contaminated Sites Program. 2022.

ADEC Technical Memorandum, October 2019. *Minimum Quality Assurance Requirements for Sample Handling*, Reports and Laboratory Data. ADEC, Division of Spill Prevention and Response Contaminated Sites Program.

TABLES

Table 1. Current Groundwater Gauging and Analytical Results - Volatile Organic Compounds
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft)	Datum	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft)	GRO (µg/L)	DRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)
ADEC Groundwater Cleanup Levels							**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**
MW-1R	8/16/2022	167.56	NAVD88	23.06	0.00	144.50	<100	<800	<1.00	<1.00	<1.00	<3.00	<1.00	--
MW-2R	8/16/2022	168.25	NAVD88	23.76		144.49	**1,030 [1,470]**	**1,320 [1,450]**	**3.36 [3.59]**	**1.1 [1.21]**	**58.9 [66.2]**	**84.4 [93.2]**	<1.00 [<1.00]	**4.56 [3.53]**
MW-8RR	8/16/2022	166.43	NAVD88	21.90	0.00	144.53	<100	**245 J**	**0.149 J**	<1.00	<1.00	**2.18 J**	<1.00	--
MW-9	8/16/2022	159.24	NAVD88	12.70	0.00	146.54	<100 B J	**193 J**	<1.00	<1.00	<1.00	<3.00	<1.00	--
Trip Blank	8/16/2022	--	--	--	--	--	<100	--	<1.00	<1.00	<1.00	<3.00	<1.00	--
Equipment Blank	8/16/2022	--	--	--	--	--	<100	<840	<1.00	<1.00	<1.00	<3.00	<1.00	<0.500

Notes:

ID = Identification
MW = Groundwater monitoring well
TOC = Top of casing
DTW = Depth to groundwater
ft bTOC = Feet below top of casing
ft = Feet relative to NAVD88
µg/L = Micrograms per liter
GW Elev = Groundwater elevation
<0.00100 = Not detected at or above the reported detection limit (RDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
Bold = Detected above laboratory reported detection limit (RDL)
Bold and *Italicized* : Constituent considered non-detect; however, Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
J = The associated numerical value is an estimated concentration only.
B The same analyte is found in the associated blank.

GRO = Total petroleum hydrocarbons, gasoline range by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method AK101
DRO = Total petroleum hydrocarbons, diesel range by LUFT GC/MS according to State of Alaska Method AK102.
Samples analytes by USEPA Method 8260D:
Benzene, Toluene, Ethylbenzene and Total Xylenes (collectively BTEX)
MTBE = Methyl-tert-butyl ether
Naphthalene reported via anaylitcal method USEPA 8270
LUFT = Leaking Underground Fuel Tank
GC/MS = Gas chromatography/Mass Spectrometry
ADEC = Alaska Department of Environmental Conservation
NAVD88 = North American Vertical Datum of 1988
LNAPL = Light Non-Aqueous Phase Liquid
-- = Not Measured/Not analyzed
[ ] = Blind Duplicate Sample Result

Table 2. Current Groundwater Analytical Results – Additional VOCs
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Constituents	ADEC Groundwater Cleanup Levels (µg/L)	Location ID	MW-1R	MW-2R	MW-8RR	MW-9	Trip Blank	Equipment Blank
		Sample Date	08/16/2022	08/16/2022	08/16/2022	08/16/2022	08/16/2022	08/16/2022
Acetone	**14,000**	µg/L	<50.0	<50.0 [<50.0]	<50.0	<50.0	<50.0	<50.0
Acrolein	**--**	µg/L	<50.0	<50.0 [<50.0]	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	**--**	µg/L	<10.0	<10.0 [<10.0]	<10.0	<10.0	<10.0	<10.0
Bromobenzene	**62**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Bromochloromethane	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	**1.3**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Bromoform	**33**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Bromomethane (methyl bromide)	**7.5**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
n-Butylbenzene	**1000**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
sec-Butylbenzene	**2000**	µg/L	<1.00	**8.51 [7.83]**	<1.00	<1.00	<1.00	<1.00
tert-Butylbenzene	**690.00**	µg/L	<1.00	**8.37 [9.15]**	<1.00	<1.00	<1.00	<1.00
Carbon Disulfide	**810**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Carbon Tetrachloride	**4.6**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	**78**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Chlorodibromomethane (Dibromochloromethane)	**8.7**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Chloroethane (Ethyl Chloride)	**21,000**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
Chloroform	**2.2**	µg/L	***<5.00***	***<5.00 [<5.00]***	***<5.00***	***<5.00***	***<5.00***	***<5.00***
Chloromethane (Methyl chloride)	**190**	µg/L	<2.50	<2.50 [<2.50]	<2.50	<2.50	<2.50	<2.50
2-Chlorotoluene (o-Chlorotoluene)	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
4-Chlorotoluene (p-Chlorotoluene)	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,2-Dibromo-3-chloropropane	**--**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
1,2-Dibromoethane	**0.075**	µg/L	<0.00500	***<0.250 [<0.250]***	**0.012**	<0.0500	<0.00500	<0.00500
Dibromomethane (Methylene Bromide)	**8.3**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	**300**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	**300**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	**4.8**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Dichlorodifluoromethane (Freon 12)	**200**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	**28**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	**1.7**	µg/L	**1.81**	**3.23 [3.4]**	**1.17**	<1.00	<1.00	<1.00
1,1-Dichloroethene	**280**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	**36**	µg/L	<1.00	<1.00 [<1.00]	<1.00	**29.1**	<1.00	<1.00
trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene)	**360**	µg/L	<1.00	<1.00 [<1.00]	<1.00	**0.179 J**	<1.00	<1.00
1,2-Dichloropropane	**8.2**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,3-Dichloropropane	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
2,2-Dichloropropane	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,1-Dichloropropene	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
cis-1,3-Dichloropropene	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Di-isopropyl ether	**--**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00

Table 2. Current Groundwater Analytical Results – Additional VOCs
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Constituents	ADEC Groundwater Cleanup Levels (µg/L)	Location ID	MW-1R	MW-2R	MW-8RR	MW-9	Trip Blank	Equipment Blank
		Sample Date	08/16/2022	08/16/2022	08/16/2022	08/16/2022	08/16/2022	08/16/2022
Hexachloro-1,3-butadiene (Hexachlorobutadiene)	**1.4**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene (Cumene)	**450**	µg/L	<1.00	**22.5 [25.2]**	**0.136 J**	<1.00	<1.00	<1.00
p-Isopropyltoluene	**--**	µg/L	<1.00	**18.7 [20.5]**	**0.135 J**	<1.00	<1.00	<1.00
2-Butanone (Methyl ethyl ketone)	**5600**	µg/L	<10.0	<10.0 [<10.0]	<10.0	<10.0	<10.0	<10.0
Methylene chloride	**110**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	**6300**	µg/L	<10.0	<10.0 [<10.0]	<10.0	<10.0	<10.0	<10.0
Naphthalene	**1.7**	µg/L	***<5.0***	**6.79 [7.68]**	***<5.0***	***<5.0***	***<5.0***	***<5.0***
n-Propylbenzene (Propylbenzene)	**660**	µg/L	<1.00	**56.2 [63.3]**	**0.139 J**	<1.00	<1.00	<1.00
Styrene	**1200**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	**5.7**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	**0.76**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene (Tetrachloroethylene)	**41**	µg/L	**0.959 J**	**0.318 J [<1.00]**	**3.82**	**46.1**	<1.00	<1.00
1,2,3-Trichlorobenzene	**7**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	**4**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	**8000**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	**0.41**	µg/L	***<1.00***	***<1.00 [<1.00]***	***<1.00***	***<1.00***	***<1.00***	***<1.00***
Trichloroethene (Trichloroethylene)	**2.8**	µg/L	<1.00	<1.00 [<1.00]	<1.00	**11.1**	<1.00	<1.00
Trichlorofluoromethane (Freon 11)	**5200**	µg/L	<5.00	<5.00 [<5.00]	<5.00	<5.00	<5.00	<5.00
1,2,3-Trichloropropane	**0.0075**	µg/L	<0.00500	***<0.250 [<0.250]***	<0.00500	<0.0500	<0.00500	<0.00500
1,1,2-Trichlorotrifluoroethane (1,1,2-Trichloro-1,2,2-trifluroethane) (Freon 113)	**10,000**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00
1,2,3-Trimethylbenzene	**--**	µg/L	<1.00	**5.52 [6.34]**	**0.440 J**	<1.00	<1.00	<1.00
1,2,4-Trimethylbenzene	**56**	µg/L	<1.00	**82.4 [91.9]**	**0.396 J**	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	**60**	µg/L	<1.00	<1.00 [<1.00]	**0.123 J**	<1.00	<1.00	<1.00
Vinyl Chloride	**0.19**	µg/L	<1.00	<1.00 [<1.00]	<1.00	<1.00	<1.00	<1.00

Notes:
ID = Identification
MW = Groundwater monitoring well
µg/L = Micrograms per liter
<0.00500 = Not detected at or above the Reported Detection Limit
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
Bold = Value exceeds Method Detection Limit (MDL)
Bold and *Italicized* : Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
[ ] = Blind Duplicate Result
J = Results are greater than the method detection limit and less than the reporting limit and considered estimated value
Constituents analyzed by United States Environmental Protection Agency Method 8260D

Table 3. Current and Historical Groundwater Analytical Results - PAHs
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Benzo(k)fluoranthene (µg/L)	2-Chloronaphthalene (µg/L)	Chrysene (µg/L)
ADEC Groundwater Cleanup Levels		**530**	**260**	**43**	**0.3**	**0.25**	**2.5**	**0.26**	**0.8**	**750**	**2**
MW-2R	9/11/2019	<0.11	<0.0503	<0.11	<0.053	<0.11	<0.053	<0.053	<0.053	NA	<0.11
MW-2R	4/22/2020	<0.0510	<0.0510	<0.0510	<0.0510	<0.0510	<0.0510	<0.0510	<0.255	<0.0510	<0.0510
MW-2R	10/9/2020	**0.0792 [0.0753]**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0500 **[0.0260 J]**	<0.0500 **[0.0413 J]**	<0.0500 **[0.0245 J]**	<0.250 [<0.250]	**0.0219 J [0.0219 J]**	<0.0500 **[0.0305 J]**
MW-2R	4/7/2021	**0.0457 J [0.0535 J]**	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0250 [<0.278]	<0.500 [<0.555]	<0.0500 [<0.0555]
MW-2R	8/26/2021	**0.0726 [0.0692]**	<0.0515 [<0.0510]	<0.0515 [<0.0510]	<0.0515 BJ [<0.0510]	**0.0381 J** [<0.0510]	**0.0402 J** [<0.0510]	**0.0425 J** [<0.0510]	**0.0347 J** [<0.255]	**0.0285 J [0.0298 J]**	**0.0315 J** [<0.0510]
MW-2R	04/04/2022	**0.0560 J [0.0643]**	<0.0625 [<0.0625]	<0.0625 [<0.0625]	<0.0625 [<0.0625]	<0.0625 [<0.0625]	<0.0625 [<0.0625]	<0.0625 [<0.0625]	<0.313 [<0.0313]	<0.0625 [<0.0625]	<0.0625 [<0.0625]
MW-2R	08/16/2022	**0.0439 J [0.0395 J]**	<0.0525 [<0.0525]	<0.0525 [<0.0525]	<0.0525 [<0.0525]	<0.0525 [<0.0525]	<0.0525 [<0.0525]	<0.0525 [<0.0525]	<0.263 [<0.263]	**0.0175 J** [<0.525]	<0.0525 [<0.0525]
Equipment Blank	10/9/2020	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.500	<0.0500
Equipment Blank	4/7/2021	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.500	<0.0500
Equipment Blank	8/26/2021	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.500	<0.0500
Equipment Blank	04/04/2022	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.313	<0.625	<0.0625
Equipment Blank	08/16/2022	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.500	<0.0500

Table 3. Current and Historical Groundwater Analytical Results - PAHs
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Dibenz(a,h) anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	1-Methynaphthalene (µg/L)	2-Methnaphthalene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
ADEC Groundwater Cleanup Levels		**0.25**	**260**	**290**	**0.19**	**11**	**36**	**1.7**	**170**	**120**
MW-2R	9/11/2019	<0.11	<0.21	<0.11	<0.053	**0.17**	**0.058 J**	**1.8**	<0.11	<0.11
MW-2R	4/22/2020	<0.0510	<0.0510	<0.0510	<0.0510	**0.360 J**	<0.0510	**0.256 J**	<0.0510	<0.0510
MW-2R	10/9/2020	<0.0500 [<0.0500]	<0.0500 **[0.0909]**	<0.0500 **[0.0190 J]**	<0.0500 **[0.0184 J]**	**12.0 [11.4]**	**0.922 [0.893]**	**27.3 [26.1]**	<0.0500 **[0.0839]**	<0.0500 **[0.0668]**
MW-2R	4/7/2021	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	<0.0500 [<0.0555]	**7.9 [9.39]**	**3.79 [4.58]**	**26.9 [32.4]**	<0.0500 [<0.0555]	<0.0500 [<0.0555]
MW-2R	8/26/2021	**0.0384 J** [<0.0510]	<0.0515 B [<0.0510]	**0.0228 J** [<0.0510]	**0.0380 J** [<0.0510]	**11.7 [11]**	**7.4 [6.79]**	**36 [34.9]**	**0.0243 J** [<0.0510]	<0.0515 B [<0.0510]
MW-2R	04/04/2022	<0.0625 [<0.0625]	**0.0223 J** [<0.0625]	<0.0625 [<0.0625]	<0.0625 [<0.0625]	**8.11 [9.59]**	**2.04 [3.37]**	**19.1 [22.2]**	<0.0625 [<0.0625]	<0.0625 [<0.0625]
MW-2R	08/16/2022	<0.0525 [<0.0525]	**0.0146 J** [<0.0525]	**0.0207 J** [<0.0525]	<0.0525 [<0.0525]	**6.40 [5.21]**	**0.149 J [0.103 J]**	**4.56 [3.53]**	**0.0217 J** [<0.0525]	<0.0525 [<0.0525]
Equipment Blank	10/9/2020	<0.0500	<0.0500	<0.0500	<0.0500	**0.0208 J**	<0.500	<0.500	<0.0500	<0.0500
Equipment Blank	4/7/2021	<0.0500	<0.0500	<0.0500	<0.0500	<0.500	<0.500	<0.500	<0.0500	<0.0500
Equipment Blank	8/26/2021	<0.0500	<0.0500	<0.0500	<0.0500	<0.500	<0.500	<0.500	<0.0500	<0.0500
Equipment Blank	04/04/2022	<0.0625	<0.0625	<0.0625	<0.0625	<0.625	<0.625	<0.0625	<0.0625	<0.0625
Equipment Blank	08/16/2022	<0.0500	<0.0500	<0.0500	<0.0500	<0.500	<0.500	<0.500	<0.0500	<0.0500

Notes:
PAHs = Polycyclic Aromatic Hydrocarbons by United States Environmental Protection Agency Method EPA 8270E-SIM.
ADEC = Alaska Department of Environmental Conservation
µg/L = micrograms per liter
<0.000500 = Not detected at or above the reported detection limit (RDL)
Bold = Value exceeds Laboratory Reported Detection Limit (MDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
J = The associated numerical value is an estimated concentration only
The laboratory for this site was changed from Eurofins Calscience to Pace Analytical prior to the second quarter 2020 groundwater monitoring event.

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-1	2/1/1992	--	--	--	--	--	--	**250**	**200**	**5,100**	**140**	--	--	Sample date accurate to month and year only
MW-1	5/1/1992	99.13	23.38	--	75.75	--	--	**190**	**180**	**400**	**130**	--	--	Sample date accurate to month and year only
MW-1	9/1/1992	99.13	23.56	--	75.57	--	--	**230**	**200**	**3,300**	**100**	--	--	Sample date accurate to month and year only
MW-1	11/1/1992	99.13	23.55	--	75.58	--	--	**230**	**270**	**300**	**110**	--	--	Sample date accurate to month and year only
MW-1	5/1/1993	99.13	23.87	--	75.26	--	--	**2,000**	**33,000**	**4,400**	**15,000**	--	--	Sample date accurate to month and year only
MW-1	8/1/1993	99.13	23.84	--	75.29	--	--	**17,000**	**40,000**	**4,500**	**16,000**	--	--	Sample date accurate to month and year only
MW-1	11/1/1993	99.13	23.83	--	75.30	--	--	**2,400**	**6,600**	**8,400**	**31,000**	--	--	Sample date accurate to month and year only
MW-1	3/1/1994	99.13	23.68	--	75.45	--	--	**10,000**	**35,000**	**4,200**	**14,000**	--	--	Sample date accurate to month and year only
MW-1	6/1/1994	99.13	23.6	--	75.53	--	--	**11,000**	**47,000**	**4,800**	**17,000**	--	--	Sample date accurate to month and year only
MW-1	8/1/1994	99.13	24.09	--	75.04	--	--	**11,000**	**34,000**	**4,700**	**18,000**	--	--	Sample date accurate to month and year only
MW-1	12/22/1994	99.13	23.83	--	75.30	--	--	**13,000**	**31,000**	**3,600**	**11,000**	--	--	
MW-1	3/31/1995	99.13	23.72	--	75.41	--	--	**11,000**	**22,000**	**4,200**	**12,000**	--	--	
MW-1	6/20/1995	99.13	23.39	--	75.74	--	--	**7,900**	**20,000**	**3,100**	**9,400**	--	--	
MW-1	8/23/1995	99.13	23.67	--	75.46	--	--	**8,400**	**22,000**	**3,200**	**11,000**	--	--	
MW-1	11/16/1995	99.13	23.68	--	75.45	--	--	**7,200**	**17,000**	**3,000**	**9,300**	--	--	
MW-1	1/30/1996	99.13	23.92	--	75.21	--	--	**10,000 / 11,000**	**26,000**	**3,900 / 3,800**	**12,000 / 11,000**	--	--	
MW-1	6/2/1996	99.13	23.62	--	75.51	--	--	**8,910**	**24,400**	**3,590**	**12,800**	--	--	
MW-1	8/26/1996	99.13	24.06	--	75.07	--	--	**8,750**	**29,300**	**3,490**	**14,000**	--	--	
MW-1	10/16/1996	99.13	24.59	--	74.54	--	--	**9,340**	**30,200**	**4,020**	**15,100**	--	--	
MW-1	4/28/1997	99.13	23.96	--	75.17	--	--	**8,200**	**21,900**	**3,980**	**16,900**	--	--	
MW-1	9/10/1997	99.13	23.31	--	75.82	--	--	**4,430 / 4380**	**18,700 / 17,600**	**2,840 / 2,820**	**11,200 / 10,800**	--	--	
MW-1	4/19/1998	99.13	22.9	--	76.23	--	--	**3,860**	**17,300**	**3,440**	**12,900**	--	--	
MW-1	9/23/1998	99.13	23.19	--	75.94	--	--	**2,920 / 3,060**	**9,960 / 10,500**	**2,290 / 2,460**	**7,000 / 7,490**	--	--	
MW-1	4/28/1999	99.13	23.68	--	75.45	--	--	**1,220**	**4,860 / 4,860**	**1,960 / 1,960**	**5,960 / 5,890**	<500 / <500	--	
MW-1	5/5/2001	99.13	24.38	--	74.75	--	--	**576**	**4,920**	**1,830**	**7,100**	<500 / <5.00	--	
MW-1	8/2/2001	99.13	23.81	--	75.32	**123**	**71,300**	**3,410**	**8,370**	**3,320**	**8,790**	--	--	Sample date defaulted to first date listed in historical data table
MW-1	10/2/2001	99.13	24.12	--	75.01	--	--	**190**	**17,600 / 18,500**	**3,920**	**17,300 / 17,500**	51,900 / <5.00	--	
MW-1	5/1/2002	161.02	24.14	--	136.88	--	--	**355**	**5,660**	**4,240**	**20,400**	42,800 / <5.00	--	
MW-1	9/20/2002	161.02	24	--	137.02	--	--	**231**	**2,280**	**1,400**	**5,090**	<50 / <2.00	--	
MW-1	5/20/2003	161.02	24.47	--	136.55	--	--	**910**	**4,300**	**2,600**	**8,400**	**3**	--	
MW-1	10/2/2003	161.02	24.25	--	136.77	--	--	**560**	**4,700**	**2,300**	**8,200**	<5.00	--	
MW-1	5/1/2004	--	--	--	--	--	--		--	--	--	--	--	Destroyed May 2004
MW-1R	9/24/2006	160.69	23.2	--	137.49	**8,300**	**49,000**	**140**	**460**	**2,100**	**13100**	--		
MW-1R	5/14/2007	160.69	23.68	--	137.01	**4,000**	**42,000**	**500**	**1400**	**2,300**	**8600**	<1.00	--	
MW-1R	9/21/2007	160.69	23.61	--	137.08	**4,900**	**30,000**	**200**	**940**	**1,500**	**6400**	--	--	
MW-1R	5/1/2008	160.69	23.77	--	136.92	**3,920**	**53,200**	**430**	**3880**	**3,460**	**14400**	--	--	
MW-1R	7/15/2008	160.69	23.59	--	137.10	**5,500**	**65,000**	**320**	**5200**	**2,400**	**11900**	--	--	
MW-1R	5/14/2009	160.69	23.69	--	137.00	**3,800 / 3,900**	**50,000 / 47,000**	**1,400 / 130**	**1,700 / 1,900**	**2,500 / 2,600**	**12,500 / 11,300**	--	--	
MW-1R	8/26/2009	160.69	23.93	--	136.76	**4,900 J /4,400 J**	**53,000 / 51,000**	**230 / 230**	**3.**	**2,700 / 2,700**	**11,700 / 11,700**	--	--	
MW-1R	6/15/2010	160.69	23.66	--	137.03	**4,600 / 4,500 J**	**43,000 / 38,000**	**130 J / 83 J**	**1,900 J / 1,200 J**	**2,200 / 2,400**	**9,700 / 11,800**	--	--	
MW-1R	9/5/2010	160.69	23.66	--	137.03	**5,600 / 5,400**	**48,000 / 47,000**	**70 / 68**	**1,200 / 1,100**	**2,700 / 2,100**	**12,300 / 10,300**	--	--	
MW-1R	5/24/2011	160.69	24.08	--	136.61	**2200**	**6,100**	**66**	**5**	**490**	**710**	--	--	
MW-1R	11/10/2011	160.69	23.92	--	136.77	**2,400 /2,600**	**830 J / 800 J**	<0.5 / <0.5	<0.5 / <0.5	**4.00 J / 0.5 J**	**12 J / 1.00 J**	--	--	Car parked over well
MW-1R	6/20/2012	160.69	23.35	--	137.34	**2,300 / 1,700**	**70 J / 55 J**	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	0.6 J / <0.5	--	--	
MW-1R	11/5/2012	160.69	22.7	--	137.99	**310 J / 470**	**12 J / 19 J**	<0.5 / <0.5	<0.5 / <0.5 J	<0.5 / <0.5	**1.8 J /1.6 J**	--	--	
MW-1R	4/30/2013	160.69	23.76	--	136.93	**1,200 / 1,100**	**510 / 370**	**13.1 / 0.0115**	**2.2 / 2.1**	**686 / 668**	**361 / 336**	--	--	
MW-1R	4/30/2013	160.69	23.76	--	136.93	**930 / 1,400**	**5,600 / 3,400**	**11.2 / 11.6**	**2.8 / 1.8**	**779 J / 36 J**	**459 / 281**	--	--	Collected via hydrasleeve
MW-1R	11/7/2013	160.69	23.02	--	137.67	--	--	--	--		--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-1R	11/8/2013	--	--	--	--	**2,600 / 2,600**	**7,900 / 8,700**	**21 / 18**	**4.3 J / 6.5**	**57 / 76**	**-,300 / 8,000**	--	--	
MW-1R	4/28/2014	160.69	23.47	--	137.22	**1,900 / 1,700**	**8,700 / 9,800**	**17 / 17**	**4.3 / 3.9**	**86 / 85**	**1,300 / 2,000**	--	--	
MW-1R	4/28/2014	160.69	23.47	--	137.22	**1,700 1,900**	**5,200 J/ 8,800 J**	**14 / 17**	**4.2 J / 3.9**	**72 / 98**	**1,300 / 2,000**	--	--	Collected via hydrasleeve
MW-1R	11/7/2014	160.69	23.88	--	136.81	**1,800 /2,000**	**5,800 / 5,500**	**7.6 / 7.0**	**4.0 J / 4.3 J**	**38/0.336**	**650 / 600**	--	--	
MW-1R	4/29/2015	160.69	24.26	--	136.43	**310**	**25 J**	<0.5	<0.5 / <0.5	**2**	**1.00**	--	--	
MW-1R	11/6/2015	160.69	23.42	--	137.27	**420**	**<10.00**	<1.00	<1.00	<1.00	<1.00	--	--	
MW-1R	4/21/2016	160.69	24.11	--	136.58	**660**	**39 J**	**3**	<0.5	<0.5	<0.5	--	--	
MW-1R	11/1/2016	160.69	23.72	--	136.97	**270 J**	**15 J**	<0.5	<0.5	<0.5	<0.5	--	--	
MW-1R	5/1/2017	160.69	23.59	--	137.10	**85 J**	**13 J**	**0.6 J**	<0.5	<0.5	<0.5	--	--	
MW-1R	10/17/2017	160.69	23.49	--	137.20	**69 J**	<10.0	<0.5	<0.5	<0.5	<0.5	--	--	
MW-1R	4/27/2018	160.69	23.84	--	136.85	**240 J**	**17 J**	**0.7 J**	<0.5	<0.5	<0.5	<0.5	--	
MW-1R	10/18/2018	160.69	23.80	--	136.89	**69 J**	<14.00	<0.2	<0.2	<0.2	<0.5	--	--	
MW-1R	4/9/2019	167.56	23.63[2]	0.00	143.93	<280 B [<250 B]	<14.00 [<14.00]	**1.00 [1.00]**	<0.2 [<0.2]	<0.4 [<0.4]	<1.00 [<1.00]	<0.2 [<0.2]	<1.00 [<1.00]	TPH-d Non detect reported to LOQ
MW-1R	9/11/2019	167.56	24.21	0.00	143.35	**160**	<100	**2.2**	<0.39	<0.5	<1.14	<0.4	**0.026 J*B**	TPH-d Non detect reported to LOQ
MW-1R	4/22/2020	167.56	23.73	0.00	143.83	--	--	--	--	--	--	--	--	Well obstructed by ice, could not sample
MW-1R	10/9/2020	167.56	23.86	0.00	143.70	<832	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	Well obstructed by ice, could not sample
MW-1R	8/26/2021	167.56	23.77	0.00	143.79	<800 B	<100 B	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-1R	4/4/2022	167.56	23.85	0.00	143.71	<800	<100 J	<1.00	<1.00	<1.00	<3.00	<1.00 J	***<5.00 J***	
MW-1R	8/16/2022	167.56	23.06	0.00	144.50	<800	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-2R	9/24/2006	161.29	23.76	--	137.53	**4,200**	**47,000**	**360**	**4,300**	**2,100**	**10,700**	--		Car parked over well
MW-2R	5/14/2007	161.29	24.24	--	137.05	**2,800 / 4,900**	**28,000 / 28,000**	**190 / 180**	**390 / 350**	**1,500 / 1,500**	**6,800 / 6,500**	<1.00 / <1.00		
MW-2R	9/21/2007	161.29	24.28	--	137.01	**4,000**	**24,000**	**80**	**140**	**880**	**5,700**	--		
MW-2R	5/1/2008	161.29	24.38	--	136.91	**5,250 / 7,510**	**25,200 / 23,700**	**121 / 109**	<50.00 / <51.00	**1,990 / 1,920**	**6,200 / 6,600**	--	--	
MW-2R	7/15/2008	161.29	24.23	--	137.06	**6,400 / 6,400**	**18,000 / 10,000**	**95/ 95**	**69.00 / 79.00**	**1,300 / 1,300**	**5,700 / 5,200**	--	--	
MW-2R	5/14/2009	161.29	24.34	--	136.95	**5,000**	**26,000**	**59**	**31**	**1,300**	**4,700**	--	--	
MW-2R	8/26/2009	161.29	24.61	--	136.68	**4,100 J**	**21,000**	**77**	**49**	**1,100**	**4,000**	--	--	
MW-2R	6/15/2010	161.29	24.29	--	137.00	**5,400**	**8,800**	**26**	**11**	**320**	**1,460**	--	--	
MW-2R	9/5/2010	161.29	24.32	--	136.97	**6,000**	**7,900**	**17**	**8**	**670**	**3,060**	--	--	
MW-2R	5/24/2011	161.29	24.78	--	136.51	**4,800 / 4,800**	**13,000 / 13,000**	**31 / 29**	**15.00 / 14.00**	**760 / 760**	**2,600 / 2,600**	--	--	
MW-2R	11/10/2011	161.29	24.63	--	136.66	**850**	**71 J**	<0.5	<0.5	<0.5	<0.5	--	--	
MW-2R	6/20/2012	161.29	24.06	--	137.23	**1,200**	**30 J**	<0.5	<0.5	<0.5	<0.5	--	--	
MW-2R	11/5/2012	161.29	23.38	--	137.91	--	--	--	--	--	--	--	--	
MW-2R	11/8/2012	--	--	--	--	**370**	<10.0	<0.5	<0.5	<0.5	<0.5	--	--	
MW-2R	4/30/2013	161.29	24.48	--	136.81	**1,200**	**2,300**	**10.5**	**1.6**	**40.6**	**469**	--	--	
MW-2R	4/30/2013	161.29	24.48	--	136.81	**1,300**	**1,500**	**5.7**	**0.96 J**	**1.5**	**283**	--	--	Collected via hydrasleeve
MW-2R	11/7/2013	161.29	23.67	--	137.62	--	--	--	--	--	--	--	--	
MW-2R	11/8/2013	--	--	--	--	**1,700**	**490**	**0.84 J**	<0.23	<0.24	**4.7**	--	--	
MW-2R	4/28/2014	161.29	24.11	--	137.18	**1,700**	**4,500**	**12**	**2.1**	**370**	**640**	--	--	
MW-2R	4/28/2014	161.29	24.11	--	137.18	**880**	**390**	**1.8**	**0.20 J**	**30**	**37**	--	--	Collected via hydrasleeve
MW-2R	11/7/2014	161.29	24.55	--	136.74	**1,700**	**5,100**	**6.8**	<1.7 J	**250**	**370**	--	--	
MW-2R	4/29/2015	161.29	24.85	--	136.44	**340 / 400**	**11 J / 13 J**	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	--	--	
MW-2R	11/6/2015	161.29	24.12	--	137.17	**990 J /630 J**	<10.0 / <10.0	<1.00 / <3.00	<1.00 / 3.00	<1.00 / 3.00	<1.00 / <3.00	--	--	
MW-2R	4/21/2016	161.29	24.79	--	136.50	**2,700 / 2,600**	**2,200 / 2,200**	**10 / 9 J**	0.9 J / <9.00	**150 / 120**	**231 / 180**	--	--	
MW-2R	11/1/2016	161.29	24.45	--	136.84	**2,500 J 2,300 J**	**2,800 J / 2,900 J**	**10 / 10**	**1.00 J / 1.00 J**	**140 / 140**	**272 / 272**	--	--	
MW-2R	5/1/2017	161.29	24.3	--	136.99	**870 / 840**	**820 / 820**	**6 / 6**	<0.5 / <0.5	**78 / 84**	**46.0 / 54.0**	--	--	
MW-2R	10/17/2017	161.29	24.18	--	137.11	**1,500 J / 1,500 J**	**2,000 / 2,100**	**9 / 10**	<0.5 / <0.5	**160 / 160**	**153 / 153**	--	--	
MW-2R	4/27/2018	161.29	24.55	--	136.74	**1,400 / 1,300**	**1,400 / 1,400**	**7 / 6**	**0.6 J / 0.5 J**	**140 / 130**	**120.0 / 110.0**	<5.0 / <5.00	--	
MW-2R	10/18/2018	161.29	24.53	--	136.76	**380 / 350**	<14.00 / <14.00	**0.2 / 0.2**	<0.2 / <0.2	<0.2 / <0.2	<0.5 / <0.5	--	--	
MW-2R	4/9/2019	168.25	24.35[2]	0.00	143.90	**1,200**	**25 J**	**4**	<0.2	**0.5 J**	<1.00	<0.200	<1.00	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-2R	9/11/2019	168.25	24.93	0.00	143.32	**670**	**250**	**5**	<0.39	**16**	**2.0 J**	<0.440	<6.2 *B	
MW-2R	4/22/2020	168.25	24.46	0.00	143.79	**938**	**207**	**3.24**	<1.00	**9.21**	<3.0	<1.00	***<5.00***	
MW-2R	10/9/2020	168.25	24.55	0.00	143.70	**1,900 [1,890]**	**924 [867]**	**9.05 [8.81]**	**2.36 [2.32]**	**113 [107]**	**79.3 [76.7]**	<1.00 [<1.00]	**22.2 J [24.8 J]**	
MW-2R	8/26/2021	168.25	24.48	0.00	143.77	**2,620 [1,900]**	**3,010 [3,060]**	**10.50 [10.50]**	**2.6 [2.48]**	**113 [106]**	**114 [106]**	<1.00 [<1.00]	**62.4 [63.3]**	
MW-2R	4/4/2022	168.25	24.58	0.00	143.67	**1,610 [1,610]**	**1,220 [1,360]**	**6.29 [6.54]**	**1.32 [1.61]**	**72.3 [87.0]**	**22.7 [29.4]**	<1.00 J [<1.00 J]	**31.0 J [31.5 J]**	
MW-2R	8/16/2022	168.25	23.76	0.00	144.49	**1,320 [1,450]**	**1,030 [1,470]**	**3.36 [3.59]**	**1.10 [1.21]**	**58.9 [66.2]**	**84.4 [93.2]**	<1.00 [<1.00]	**4.56 [3.53]**	
MW-3	2/1/1992	--	--	--	--	--	--	**6**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	5/1/1992	98.64	22.87	--	75.77	--	--	**6**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	9/1/1992	98.64	23.12	--	75.52	--	--	**210**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	11/1/1992	98.64	23.1	--	75.54	--	--	**12**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	5/1/1993	98.64	23.45	--	75.19	--	--	**ND**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	8/1/1993	98.64	23.35	--	75.29	--	--	**ND**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	11/1/1993	98.64	23.21	--	75.43	--	--	**ND**	**42**	ND	ND	--	--	Sample date accurate to month and year only
MW-3	3/1/1994	98.64	23.16	--	75.48	--	--	**ND**	ND	ND	**5**	--	--	Sample date accurate to month and year only
MW-3	6/1/1994	98.64	23.49	--	75.15	--	--	**ND**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	8/1/1994	98.64	23.65	--	74.99	--	--	**ND**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-3	12/22/1994	98.64	23.42	--	75.22	--	--	**ND**	ND	ND	ND	--	--	
MW-3	4/10/1995	98.64	--	--	--	--	--	**ND**	ND	ND	ND	--	--	
MW-3	6/20/1995	98.64	22.95	--	75.69	--	--	**ND**	ND	ND	ND	--	--	
MW-3	6/21/1995	98.64	--	--	--	--	--	--	--	--	--	--	--	
MW-3	8/23/1995	98.64	23.19	--	75.45	--	--	**ND**	ND	ND	ND	--	--	
MW-3	11/16/1995	98.64	23.23	--	75.41	--	--	**ND**	ND	ND	ND	--	--	
MW-3	1/30/1996	98.64	23.48	--	75.16	--	--	**ND**	ND	ND	ND	--	--	
MW-3	6/2/1996	98.64	23.22	--	75.42	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-3	8/26/1996	98.64	23.56	--	75.08	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-3	10/16/1996	98.64	24.05	--	74.59	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-3	4/28/1997	98.64	23.73	--	74.91	--	--	<0.5	**1.11**	<0.5	**1.69**	--	--	
MW-3	9/10/1997	98.64	22.96	--	75.68	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-3	4/19/1998	98.64	23.55	--	75.09	--	--	<0.5 / 0.5	<0.5 / 0.5	<0.5 / 0.5	<1.00 / <1.00	--	--	
MW-3	9/23/1998	98.64	22.9	--	75.74	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-3	4/28/1999	98.64	23.24	--	75.40	--	--	**0.89**	<0.5	<0.5	<0.5	<10.00	--	
MW-3	10/13/1999	98.64	23.22	--	75.42	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-3	5/19/2000	98.64	23.6	--	75.04	--	--	<1.00	<1.00	<1.00	<2.00	<2.00	--	
MW-3	9/27/2000	98.64	23.52	--	75.12	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-3	5/5/2001	98.64	23.88	--	74.76	--	--	**0.656**	<0.5	<0.5	<1.00	<5.00	--	
MW-3	8/2/2001	98.64	23.36	--	75.28	**1.36**	<50.00	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-3	10/2/2001	98.64	23.72	--	74.92	--	--	**1.1 / 0.854**	<0.5 / 0.5	<0.5 / 0.5	<1.00 / <1.00	<1.00 / <1.00	--	
MW-3	5/1/2002	160.51	23.72	--	136.79	--	--	**99/ 286**	<0.5 / 0.5	<0.5 / 0.5	<1.00 / <1.00	<1.00 / <1.00	--	
MW-3	9/20/2003	160.51	23.55	--	136.96	--	--	**0.709**	<0.5	<0.5	<1.00	<1.00	--	
MW-3	5/20/2003	160.51	24.02	--	136.49	--	--	**0.6 / 0.6**	<0.5 / 0.5	<0.5 / 0.5	<0.5 / 0.5	<2.00 / <2.00	--	Sample date defaulted to first date listed in historical data table
MW-3	10/2/2003	160.51	23.84	--	136.67	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	
MW-3	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-4	2/1/1992	--	--	--	--	--	--	**32**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	5/1/1992	98.45	21.72	--	76.73	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-4	9/1/1992	98.45	22.89	--	75.56	--	--	**5**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	11/1/1992	98.45	22.85	--	75.60	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-4	5/1/1993	98.45	23.18	--	75.27	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	8/1/1993	98.45	23.17	--	75.28	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-4	11/1/1993	98.45	23.02	--	75.43	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	3/1/1994	98.45	--	--	--	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	6/1/1994	98.45	23.24	--	75.21	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	8/1/1994	98.45	23.43	--	75.02	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-4	12/22/1994	98.45	--	--	--	--	--	--	--	--	--	--	--	
MW-4	3/31/1995	98.45	--	--	--	--	--	--	--	--	--	--	--	
MW-4	6/20/1995	98.45	22.7	--	75.75	--	--	ND	ND	ND	ND	--	--	
MW-4	8/23/1995	98.45	22.99	--	75.46	--	--	ND	ND	ND	ND	--	--	
MW-4	11/16/1995	98.45	23.02	--	75.43	--	--	ND	ND	ND	ND	--	--	
MW-4	1/30/1996	98.45	23.25	--	75.20	--	--	ND	ND	ND	ND	--	--	
MW-4	6/2/1996	98.45	22.97	--	75.48	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-4	8/26/1996	98.45	23.37	--	75.08	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	--	--	
MW-4	4/28/1997	98.45	23.52	--	74.93	--	--	<0.5	<0.5	<0.5	**1.59**	--	--	
MW-4	9/10/1997	98.45	22.74	--	75.71	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-4	4/19/1998	98.45	23.3	--	75.15	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-4	9/23/1998	98.45	22.68	--	75.77	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-4	5/2/1999	98.45	23.1	--	75.35	--	--	<0.5	<0.5	<0.5	<0.5	<626 / <5.00	--	
MW-4	10/13/1999	98.45	23.02	--	75.43	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-4	5/19/2000	98.45	23.39	--	75.06	--	--	<1.00	<1.00	<1.00	<2.00	<2.00	--	
MW-4	9/27/2000	98.45	23.32	--	75.13	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-4	5/5/2001	98.45	23.71	--	74.74	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-4	8/2/2001	98.45	23.14	--	75.31	**1.06**		<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-4	10/2/2001	98.45	23.54	--	74.91	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
MW-4	5/1/2002	160.3	--	--	--	--	--	--	--	--	--	--	--	
MW-4	9/20/2002	160.3	23.39	--	136.91	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
MW-4	5/20/2003	160.3	23.8	--	136.50	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	Sample date defaulted to first date listed in historical data table
MW-4	10/2/2003	160.3	23.59	--	136.71	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	
MW-4	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-5	2/1/1992	--	--	--	--	--	--	**7,200**	**4800**	**2,000**	**2,900**	--	--	Sample date accurate to month and year only
MW-5	5/1/1992	99.13	22.5	--	76.63	--	--	**2,500**	**140**	**50**	**1,800**	--	--	Sample date accurate to month and year only
MW-5	9/1/1992	99.13	23.57	--	75.56	--	--	**5,900**	**6500**	**2,400**	**5,300**	--	--	Sample date accurate to month and year only
MW-5	11/1/1992	99.13	22.53	--	76.60	--	--	**1,300**	**590**	**480**	**1,700**	--	--	Sample date accurate to month and year only
MW-5	5/1/1993	99.13	23.86	--	75.27	--	--	**66**	ND	**32**	**5**	--	--	Sample date accurate to month and year only
MW-5	8/1/1993	99.13	23.85	--	75.28	--	--	**58**	ND	**5**	ND	--	--	Sample date accurate to month and year only
MW-5	11/1/1993	99.13	23.7	--	75.43	--	--	**6**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-5	3/1/1994	99.13	--	--	--	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-5	6/1/1994	99.13	23.89	--	75.24	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-5	8/1/1994	99.13	24.14	--	74.99	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-5	12/22/1994	99.13	--	--	--	--	--	--	--	--	--	--	--	
MW-5	3/31/1995	99.13	--	--	--	--	--	--	--	--	--	--	--	
MW-5	6/20/1995	99.13	23.4	--	75.73	--	--	ND	ND	ND	ND	--	--	
MW-5	8/23/1995	99.13	23.7	--	75.43	--	--	ND	ND	ND	ND	--	--	
MW-5	11/16/1995	99.13	23.71	--	75.42	--	--	ND	ND	ND	ND	--	--	
MW-5	1/30/1996	99.13	23.95	--	75.18	--	--	ND	ND	ND	ND	--	--	
MW-5	6/2/1996	99.13	23.63	--	75.50	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-5	8/26/1996	99.13	24.19	--	74.94	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-5	10/16/1996	99.13	24.66	--	74.47	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-5	4/28/1997	99.13	24.24	--	74.89	--	--	**0.617**	**0.756**	<0.5	<1.00	--	--	
MW-5	9/10/1997	99.13	23.43	--	75.70	--	--	<0.5	<0.5	<0.5	<1.00	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-5	4/19/1998	99.13	24	--	75.13	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-5	9/23/1998	99.13	23.2	--	75.93	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-5	4/28/1999	99.13	23.67	--	75.46	--	--	<0.5	<0.5	<0.5	<0.5	<10.00	--	
MW-5	10/13/1999	99.13	23.72	--	75.41	--	--	<0.5	**1.39**	<0.5	<0.5	<5.00	--	
MW-5	5/19/2000	99.13	24.08	--	75.05	--	--	<1.00	<1.00	<1.00	<2.00	<2.00	--	
MW-5	9/27/2000	99.13	23.95	--	75.18	--	--	--	--	--	--	--	--	
MW-5	5/5/2001	99.13	--	--	--	--	--	--	--	--	--	--	--	
MW-5	8/2/2001	99.13	23.84	--	75.29	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-5	10/2/2001	99.13	--	--	--	--	--	--	--	--	--	--	--	
MW-5	5/1/2002	161.01	24.1	--	136.91	--	--	--	--	--	--	--	--	
MW-5	9/20/2002	161.01	24.09	--	136.92	--	--	--	--	--	--	--	--	
MW-5	5/20/2003	161.01	--	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-5	10/2/2003	161.01	24.23	--	136.78	--	--	--	--	--	--	--	--	
MW-5	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-6	2/1/1992	--	--	--	--	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-6	5/1/1992	--	--	--	--	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-6	9/1/1992	--	--	--	75.22	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-6	8/1/1993	--	--	--	-	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-6	11/1/1993	--	--	--	75.29	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-6	8/2/2001		23.98	--	--	**0.25**	<50.00	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-6	09/21/2001	161.14	--	--	--	--	--	--	--	--	--	--	--	
MW-6	05/01/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-7	2/1/1992	97.82	--	--	--	--	--	**47**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	5/1/1992	97.82	22.06	--	75.76	--	--	ND	ND	ND	**6**	--	--	Sample date accurate to month and year only
MW-7	9/1/1992	97.82	22.36	--	75.46	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	11/1/1992	97.82	22.41	--	75.41	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	5/1/1993	97.82	22.75	--	75.07	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	8/1/1993	97.82	22.64	--	75.18	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	11/1/1993	97.82	22.49	--	75.33	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	3/1/1994	97.82	22.43	--	75.39	--	--	ND	**11**	ND	**93**	--	--	Sample date accurate to month and year only
MW-7	6/1/1994	97.82	22.79	--	75.03	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	8/1/1994	97.82	22.88	--	74.94	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-7	12/22/1994	97.82	22.72	--	75.10	--	--	ND	ND	ND	**2.6**	--	--	
MW-7	3/31/1995	97.82	--	--	--	--	--	--	--	--	--	--	--	
MW-7	6/20/1995	97.82	22.27	--	75.55	--	--	ND	ND	ND	ND	--	--	
MW-7	8/23/1995	97.82	22.46	--	75.36	--	--	**0.73**	ND	ND	**0.73**	--	--	
MW-7	11/16/1995	97.82	22.6	--	75.22	--	--	**0.51**	ND	ND	**2.4**	--	--	
MW-7	1/30/1996	97.82	22.75	--	75.07	--	--	ND	ND	ND	**1.7**	--	--	
MW-7	6/2/1996	97.82	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/26/1996	97.82	22.78	--	75.04	--	--	<0.5	<0.5	**0.59**	**8.3**	--	--	
MW-7	10/16/1996	97.82	23.44	--	74.38	--	--	<0.5	<0.5	**1**	**6.3**	--	--	
MW-7	4/28/1997	97.82	23.08	--	74.74	--	--	--	--	--	--	--	--	
MW-7	9/10/1997	97.82	22.36	--	75.46	--	--	**1.7**	<0.5	<0.5	**2.94**	--	--	
MW-7	4/19/1998	97.82	22.9	--	74.92	--	--	<0.5	<0.5	<5.00	<2.00	--	--	
MW-7	9/23/1998	97.82	22.12	--	75.70	--	--	**0.731**	<0.5	**5.68**	<15.00	--	--	
MW-7	4/28/1999	97.82	22.71	--	75.11	--	--	**0.91**	**0.78**	**1.97**	**1.04**	<10.00	--	
MW-7	10/13/1999	97.82	22.64	--	75.18	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-7	5/19/2000	97.82	22.99	--	74.83	--	--	<1.00	<1.00	<1.00	<2.00	<2.00	--	

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First Quarter 1992 to Current
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4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-7	9/27/2000	97.82	22.98	--	74.84	--	--	<0.5	<0.5	**6.19**	<2.00	<5.00	--	
MW-7	5/5/2001	97.82	23.29	--	74.53	--	--	<0.5	<0.5	**0.6**	<1.00	<5.00	--	
MW-7	8/2/2001	97.82	22.75	--	75.07	**2.11**		<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-7	10/2/2001	97.82	23.14	--	74.68	--	--	<0.5	<0.5	**1.09**	<1.00	<1.00	--	
MW-7	5/1/2002	159.86	23.09	--	136.77	--	--	<0.5	<0.5	<0.5	**1.27**	<1.00	--	
MW-7	9/20/2002	159.86	22.95	--	136.91	--	--	<0.5	<0.5	<0.5	<1.00	<1.00 / <2.00	--	
MW-7	5/20/2003	159.86	23.44	--	136.42	--	--	<0.5	<0.5	<0.5	<1.00	<0.5	--	Sample date defaulted to first date listed in historical data table
MW-7	10/2/2003	159.86	23.3	--	136.56	--	--	<0.5	<0.7	<0.8	<1.60	<2.00	--	
MW-7	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-8	2/1/1992	--	--	--	--	--	--	**160**	**280**	**3,400**	**120**	--	--	Sample date accurate to month and year only
MW-8	5/1/1992	98.09	22.24	--	75.85	--	--	**110**	**200**	**2,300**	**9,900**	--	--	Sample date accurate to month and year only
MW-8	9/1/1992	98.09	22.43	--	75.66	--	--	**130**	**260**	**2,600**	**110**	--	--	Sample date accurate to month and year only
MW-8	11/1/1992	98.09	22.5	--	75.59	--	--	**900**	**170**	**1,300**	**7,500**	--	--	Sample date accurate to month and year only
MW-8	5/1/1993	98.09	22.84	--	75.25	--	--	**9,300**	**23,000**	**1,800**	**8,500**	--	--	Sample date accurate to month and year only
MW-8	8/1/1993	98.09	22.8	--	75.29	--	--	**11,000**	**25,000**	**1,700**	**12,000**	--	--	Sample date accurate to month and year only
MW-8	11/1/1993	98.09	22.54	--	75.55	--	--	**9,700**	**26,000**	**2,000**	**14,000**	--	--	Sample date accurate to month and year only
MW-8	3/1/1994	98.09	22.43	--	75.66	--	--	**6,400**	**25,000**	**1,800**	**13,000**	--	--	Sample date accurate to month and year only
MW-8	6/1/1994	98.09	22.43	--	75.66	--	--	**10,000**	**33,000**	**2,900**	**22,000**	--	--	Sample date accurate to month and year only
MW-8	8/1/1994	98.09	22.92	--	75.17	--	--	**8,400**	**39,000**	**2,700**	**19,000**	--	--	Sample date accurate to month and year only
MW-8	12/22/1994	98.09	22.74	--	75.35	--	--	**3,900**	**13,000**	**800**	**12,000**	--	--	
MW-8	3/31/1995	98.09	22.76	--	75.33	--	--	**4,800**	**13,000**	**1,400**	**9,600**	--	--	
MW-8	6/20/1995	98.09	22.32	--	75.77	--	--	**4,100**	**20,000**	**1,300**	**15,000**	--	--	
MW-8	8/23/1995	98.09	22.51	--	75.58	--	--	**3,600**	**21,000**	**1,900**	**20,000**	--	--	
MW-8	11/16/1995	98.09	22.59	--	75.50	--	--	**3,200**	**18,000**	**1,700**	**16,000**	--	--	
MW-8	1/30/1996	98.09	22.71	--	75.38	--	--	**3,400**	**23,000**	**2,000**	**20,000**	--	--	
MW-8	6/2/1996	98.09	22.57	--	75.52	--	--	**3,400**	**15,900**	**1,470**	**12,700**	--	--	
MW-8	8/26/1996	98.09	22.75	--	75.34	--	--	**2,430 / 2,860**	**16,800 / 18,800**	**1,400 / 1,630**	**18,400 / 20,500**	--	--	
MW-8	10/16/1996	98.09	23.42	--	74.67	--	--	**6,790**	**24,300**	**2,040**	**15,100**	--	--	
MW-8	4/28/1997	98.09	23.14	--	74.95	--	--	**4,270 / 4,540**	**9,780 / 13,900**	**1,290 / 1,370**	**8,560 / 9,290**	--	--	
MW-8	9/10/1997	98.09	22.43	--	75.66	--	--	**2,350**	**6,520**	**814**	**7,480**	--	--	
MW-8	4/19/1998	98.09	22.93	--	75.16	--	--	**1,140**	**6,790**	**571**	**12,900**	--	--	
MW-8	9/23/1998	98.09	22.36	--	75.73	--	--	**683**	**4,200**	**539**	**9,230**	--	--	
MW-8	9/21/2001	159.68	--	--	--	--	--	--	--	--	--	--	--	
MW-8R	9/24/2006	159.71	22.06	--	137.65	**2,300**	**22,000**	**75**	**1,800**	**720**	**4,100**	--	--	
MW-8R	5/14/2007	159.71	22.57	--	137.14	**4,100**	**49,000**	**160**	**4,500**	**2,100**	**10,000**	<1.00	--	
MW-8R	9/21/2007	159.71	22.6	--	137.11	**4,900**	**57,000**	**120**	**7,400**	**1,800**	**11,000**	--	--	
MW-8R	5/1/2008	159.71	22.79	--	136.92	**3,670**	**55,600**	**128**	**3,590**	**3,000**	**14,900**	--	--	
MW-8R	7/15/2008	159.71	22.49	--	137.22	**5,300**	**18,000**	**60**	**4,600**	**2,100**	**12,500**	--	--	
MW-8R	5/14/2009	159.71	22.71	--	137.00	**4,100**	**51,000**	**79**	**3,900**	**2,400**	**12,000**	--	--	
MW-8R	8/26/2009	159.71	22.9	--	136.81	**3,300 J**	**49,000**	**72**	**2,900**	**2,000**	**11,400**	--	--	
MW-8R	4/20/2010	159.71	22.89	--	136.82	**6,700 / 6,400**	**0,000 / 18,000**	**17.00 J / 17.00 J**	**900 / 510**	**1,100 / 1,200**	**6,300 / 6,700**	--	--	
MW-8RR	7/26/2011	159.55	22.84	--	136.71	**6,700**	**17,000**	**150**	**2100**	**490**	**3400**	--	--	
MW-8RR	11/10/2011	159.55	22.8	--	136.75	**780**	**30 J**	<0.5	<0.5	<0.5	<0.5	--	--	
MW-8RR	6/20/2012	159.55	22.21	--	137.34	**560**	**19 J**	<0.5	<0.5	<0.5	<0.5	--	--	
MW-8RR	11/5/2012	159.55	21.57	--	137.98	--	--	--	--	--	--	--	--	
MW-8RR	11/8/2012	159.55	--	--	--	**220 J**	<10.0	<0.5	<0.5	<0.5	<0.5	--	--	
MW-8RR	4/30/2013	159.55	22.61	--	136.94	**<560**	**48 J**	**1.7**	**2.9**	**1.6**	**11.7**	--	--	

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Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-8RR	4/30/2013	159.55	22.61	--	136.94	**660**	<100	**0.078 J**	**0.084 J**	<0.081	<0.22	--	--	Collected via hydrasleeve
MW-8RR	11/7/2013	159.55	21.9	--	137.65	--	--	--	--	--	--	--	--	
MW-8RR	11/8/2013	159.55	--	--	--	**750**	<50.00	<0.24	<0.24	<0.24	<0.72	--	--	
MW-8RR	4/28/2014	159.55	22.32	--	137.23	**120 J**	<50.00	<0.15	<0.11	**0.35 J**	<0.4	--	--	
MW-8RR	4/28/2014	159.55	22.32	--	137.23	**370**	<50.00	<0.15	<0.11	<0.16	<0.4	--	--	Collected via hydrasleeve
MW-8RR	11/7/2014	159.55	22.73	--	136.82	**330 J**	<50.00	<0.15	<0.11	<0.16	<0.4	--	--	
MW-8RR	4/29/2015	159.55	23.03	--	136.52	**220 J**	<10.0	<0.50	<0.50	<0.50	<0.5	--	--	
MW-8RR	11/6/2015	159.55	22.32	--	137.23	**130 J**	<10.0	<1.00	<1.00	<1.00	<1.0	--	--	
MW-8RR	4/21/2016	159.55	22.96	--	136.59	**310**	<10.0	<0.5	<0.50	<0.50	<0.5	--	--	
MW-8RR	11/1/2016	159.55	22.6	--	136.95	**370 J**	**13 J**	<0.5	<0.50	<0.50	<0.5	--	--	
MW-8RR	5/1/2017	159.55	22.46	--	137.09	**600**	**14 J**	<0.5	<0.50	<0.50	<0.5	--	--	
MW-8RR	10/17/2017	159.55	23.35	--	136.20	**240 J**	<10.0	<0.5	<0.50	<0.50	<0.5	--	--	
MW-8RR	4/27/2018	159.55	22.72	--	136.83	**120 J**	<10.0	<0.5	<0.50	<0.50	<0.5	<0.5	--	
MW-8RR	10/18/2018	159.55	22.67	--	136.88	**110 J**	<14.00	<0.2	<0.20	<0.20 J	**0.9**	--	--	
MW-8RR	4/9/2019	166.43	22.51[2]	0.00	143.92	<250 B	<14.00	<0.2	<0.20	<0.40	<1.00	<0.5	<1.00	TPH-d Non detect reported to LOQ
MW-8RR	9/11/2019	166.43	23.03	0.00	143.40	<100 / <100	**160 / 160**	<0.5 B / <0.5 B	<0.39 / <0.39	<0.5 / <0.5	<1.14 / <1.14	<0.44 / <0.44	<0.023 J*B / <0.10 J*B	TPH-d Non detect reported to LOQ
MW-8RR	4/22/2020	166.43	22.61	0.00	143.82	<824 J	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-8RR	10/9/2020	166.43	22.72	0.00	143.71	<808	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-8RR	8/26/2021	166.43	22.65	0.00	143.78	<840 B	<100 B	<1.00 J	<1.00	**0.321 J**	<3.00 J	<1.00	***<5.00 B***	
MW-8RR	4/4/2022	166.43	22.73	0.00	143.70	<800	<100	<1.00	<1.00	<1.00	<3.00	<1.00 J	***<5.00 J***	
MW-8RR	8/16/2022	166.43	21.90	0.00	144.53	**245 J**	<100	**0.149 J**	<1.00	<1.00	**2.18 J**	<1.00	***<5.00***	
MW-9	2/1/1992	--	--	--	--	--		**30**	**59**	**74**	**27**	--	--	Sample date accurate to month and year only
MW-9	5/1/1992	90.3	14.57	--	75.73	--	--	ND	**3**	**13**	**2**	--	--	Sample date accurate to month and year only
MW-9	9/1/1992	90.3	14.74	--	75.56	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	11/1/1992	90.3	14.66	--	75.64	--	--	**3**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	5/1/1993	90.3	15.11	--	75.19	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	8/1/1993	90.3	15.12	--	75.18	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	11/1/1993	90.3	14.96	--	75.34	--	--	ND	**11**	ND	ND	--	--	Sample date accurate to month and year only
MW-9	3/1/1994	90.3	14.99	--	75.31	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	6/1/1994	90.3	15.23	--	75.07	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	8/1/1994	90.3	15.48	--	74.82	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-9	12/22/1994	90.3	15.13	--	75.17	--	--	ND	ND	ND	ND	--	--	
MW-9	3/31/1995	90.3	14.98	--	75.32	--	--	ND	ND	ND	ND	--	--	
MW-9	6/20/1995	90.3	14.68	--	75.62	--	--	ND	ND	ND	ND	--	--	
MW-9	8/23/1995	90.3	15.02	--	75.28	--	--	ND	**0.67**	ND	**2.2**	--	--	
MW-9	11/16/1995	90.3	15	--	75.30	--	--	ND	ND	ND	ND	--	--	
MW-9	1/30/1996	90.3	15.22	--	75.08	--	--	ND	ND	ND	ND	--	--	
MW-9	6/2/1996	90.3	14.93	--	75.37	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	8/26/1996	90.3	15.5	--	74.80	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	10/16/1996	90.3	15.81	--	74.49	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	4/28/1997	90.3	15.5	--	74.80	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	9/10/1997	90.3	14.76	--	75.54	--	--	<1.00	<1.00	<1.00	<1.00	--	--	
MW-9	4/19/1998	90.3	15.35	--	74.95	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	9/23/1998	90.3	14.39	--	75.91	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	4/28/1999	90.3	14.98	--	75.32	--	--	<0.5	<0.5	<0.5	<0.5	<10.00	--	
MW-9	10/13/1999	90.3	15.02	--	75.28	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-9	5/19/2000	90.3	15.4	--	74.90	--	--	<1.00 / <1.00	<1.00 / <1.00	<1.00 / <1.00	<2.00 / <2.00	<2.00 / <2.00	--	
MW-9	9/27/2000	90.3	15.24	--	75.06	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-9	5/5/2001	90.3	15.69	--	74.61	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-9	8/2/2001	90.3	15.16	--	75.14	<1.00	--	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-9	10/2/2001	90.3	--	--	--	--	<50.00	--	--	--	--	--	--	
MW-9	5/1/2002	152.33	15.38	--	136.95	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
MW-9	9/20/2002	152.33	15.32	--	137.01	--	--	<0.5	<0.5	<0.5	<1.00	<1.00 / <2.00	--	
MW-9	5/20/2003	152.33	15.77	--	136.56	--	--	<0.5	<0.5	<0.5	<1.00	<0.5	--	Sample date defaulted to first date listed in historical data table
MW-9	10/2/2003	152.33	15.54	--	136.79	--	--	<0.5	<0.7	<0.8	<1.6	<2.00	--	
MW-9	6/1/2004	152.33	15.11	--	137.22	--	--	<0.5	<0.5	<0.5	<1.00	<2.00	--	
MW-9	9/21/2004	152.33	15.58	--	136.75	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	<2.00 / <2.00	--	Sample date defaulted to first date listed in historical data table
MW-9	5/12/2005	152.33	15.26	--	137.07	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.5 / <1.5	<2.5 / <2.5	--	
MW-9	9/19/2005	152.33	14.8	--	137.53	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	<2.5 / <2.5	--	
MW-9	5/8/2006	152.33	15.74	--	136.59	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	9/24/2006	152.34	14.88	--	137.46	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	--	--	
MW-9	5/14/2007	152.34	15.31	--	137.03	--	--	<0.5	<0.7	<0.8	<1.6	<0.5	--	
MW-9	9/21/2007	152.34	15.23	--	137.11	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	--	--	
MW-9	5/1/2008	152.34	15.37	--	136.97	--	--	<0.5	<0.5	<0.5	<0.15	--	--	
MW-9	7/15/2008	152.34	15.27	--	137.07	--	--	<0.5	<0.5	<0.5	<0.1	--	--	
MW-9	5/14/2009	152.34	16.37	--	135.97	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	8/26/2009	152.34	15.61	--	136.73	--	**120**	<0.5	<0.5	<0.5	<1.00	--	--	
MW-9	4/20/2010	152.34	15.6	--	136.74	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
MW-9	9/5/2010	152.34	15.35	--	136.99	--	--	<0.5	<0.5	<0.5	<1.5	--	--	
MW-9	5/24/2011	152.34	15.74	--	136.60	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
MW-9	11/10/2011	152.34	15.6	--	136.74	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
MW-9	6/20/2012	152.34	15.02	--	137.32	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
MW-9	11/5/2012	152.34	14.41	--	137.93	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
MW-9	4/30/2013	152.34	15.37	--	136.97	--	--	<0.062	<0.077	<0.081	<0.22	--	--	
MW-9	4/30/2013	152.34	15.37	--	136.97	--	--	<0.062	<0.077	<0.081	<0.22	--	--	Collected via hydrasleeve
MW-9	11/7/2013	152.34	14.75	--	137.59	--	--	--	--		--	--	--	
MW-9	11/8/2013	--	--	--	--	--	--	<0.24	<0.24	<0.24	<0.72	--	--	
MW-9	4/28/2014	152.34	15.17	--	137.17	--	--	<0.15	<0.11	<0.16	<0.40	--	--	
MW-9	4/28/2014	152.34	15.17	--	137.17	--	--	<0.15	<0.11	<0.16	<0.40	--	--	Collected via hydrasleeve
MW-9	11/7/2014	152.34	15.56	--	136.78	--	--	<0.15	<0.11	<0.16	<0.40	--	--	
MW-9	4/29/2015	152.34	15.84	--	136.50	--	--	<0.50	<0.5	<0.5	<0.5	--	--	
MW-9	11/6/2015	152.34	15.16	--	137.18	--	--	<1.00	<1.00	<1.00	<1.00	--	--	
MW-9	4/21/2016	152.34	15.79	--	136.55	--	--	<0.05	<0.5	<0.5	<0.5	--	--	
MW-9	11/1/2016	152.34	15.43	--	136.91	--	--	<0.05	<0.5	<0.5	<0.5	--	--	
MW-9	5/1/2017	152.34	15.27	--	137.07	--	--	<3.00	<3.00	<3.00	<3.00	--	--	
MW-9	10/17/2017	152.34	15.15	--	137.19	--	--	<0.05	<0.5	<0.5	<0.5	--	--	
MW-9	4/27/2018	152.34	15.52	--	136.82	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	
MW-9	10/18/2018	152.34	15.44	--	136.90	--	--	<0.02	<0.2	<0.2	<0.5	--	--	
MW-9	4/9/2019	159.24	15.36[2]	0.00	143.88	<250 B	--	<0.02	<0.2	<0.4	<1.00	<0.2	<1.00	TPH-d Non detect reported to LOQ
MW-9	9/11/2019	159.24	15.87	0.00	143.37	<100	<76	<0.05 B	<0.39	<0.5	<1.14	<0.44	**0.032 J*B**	TPH-d Non detect reported to LOQ
MW-9	4/22/2020	159.24	15.39	0.00	143.85	<800 [<800]	**45.6 J [46.5 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<3.00 [<3.00]	<1.00 [<1.00]	***<5.00 [<5.00]***	
MW-9	10/9/2020	159.24	15.54	0.00	143.70	<800	**16.8 J**	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-9	8/26/2021	159.24	15.45	0.00	143.79	<800 B	<100 B	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-9	4/4/2022	159.24	15.50	0.00	143.74	<800	**44.5 J**	<1.00	<1.00	<1.00	<3.00	<1.00 J	***<5.00 J***	
MW-9	8/16/2022	159.24	12.70	0.00	146.54	**193 J**	<100 B J	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
MW-10	2/1/1992	--	--	--	--	--		ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-10	9/1/1992	--	--	--	79.61	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-10	8/1/1993	--	--	--	79.29	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only

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4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-10	8/2/2001	--	20.64	--	--	**2.82**	--	**1.16**	<1.00	<1.00	<3.0	--	--	Sample date defaulted to first date listed in historical data table
MW-10	9/21/2001	160.9	--	--	--	--	<50.00	--	--	--	--	--	--	
MW-10	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-11	2/1/1992	98.38	--	--	--	--		**80**	**ND**	**20**	**10**	--	--	Sample date accurate to month and year only
MW-11	5/1/1992	98.38	22.65	--	75.73	--	--	**1,600**	**8700**	**1,200**	**200**	--	--	Sample date accurate to month and year only
MW-11	9/1/1992	98.38	22.76	--	75.62	--	--	**360**	--	**30**	**61**	--	--	Sample date accurate to month and year only
MW-11	11/1/1992	98.38	22.73	--	75.65	--	--	**1,200**	**74**	**20**	**4**	--	--	Sample date accurate to month and year only
MW-11	5/1/1993	98.38	23.06	--	75.32	--	--	**30**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-11	8/1/1993	98.38	23.05	--	75.33	--	--	**42**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-11	11/1/1993	98.38	22.87	--	75.51	--	--	**110**	ND	**110**	**100**	--	--	Sample date accurate to month and year only
MW-11	3/1/1994	98.38	22.82	--	75.56	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-11	6/1/1994	98.38	23.09	--	75.29	--	--	**12**	ND	**11**	**19**	--	--	Sample date accurate to month and year only
MW-11	8/1/1994	98.38	23.32	--	75.06	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-11	12/22/1994	98.38	23.02	--	75.36	--	--	ND	ND	ND	ND	--	--	
MW-11	3/31/1995	98.38	22.91	--	75.47	--	--	ND	ND	ND	ND	--	--	
MW-11	6/20/1995	98.38	22.57	--	75.81	--	--	**1**	ND	ND	ND	--	--	
MW-11	8/23/1995	98.38	22.89	--	75.49	--	--	**1**	ND	ND	ND	--	--	
MW-11	11/16/1995	98.38	22.88	--	75.50	--	--	**2**	ND	ND	ND	--	--	
MW-11	1/30/1996	98.38	23.14	--	75.24	--	--	**1**	ND	ND	ND	--	--	
MW-11	6/2/1996	98.38	22.82	--	75.56	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.63	<1.00 / <1.00	--	--	
MW-11	8/26/1996	98.38	23.31	--	75.07	--	--	**1.6**	<0.5	<0.5	<1.00	--	--	
MW-11	10/16/1996	98.38	23.69	--	74.69	--	--	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<1.00 / <1.00	--	--	
MW-11	4/28/1997	98.38	23.38	--	75.00	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-11	9/10/1997	98.38	22.62	--	75.76	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-11	4/19/1998	98.38	23.22	--	75.16	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-11	9/23/1998	98.38	22.41	--	75.97	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-11	4/28/1999	98.38	22.86	--	75.52	--	--	<0.5	**0.63**	<0.5	<0.5	<10.00	--	
MW-11	10/13/1999	98.38	22.93	--	75.45	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-11	5/19/2000	98.38	23.27	--	75.11	--	--	<1.00	<1.00	<1.00	<2.00	<5.00	--	
MW-11	9/27/2000	98.38	23.14	--	75.24	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-11	5/5/2001	98.38	23.59	--	74.79	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-11	8/0/2001	98.38	23.05	--	75.33	<1.00	--	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-11	10/2/2001	98.38	23.46	--	74.92	--	<50.00	<0.5	<0.5	<0.5	<1.00	<1.00	--	
MW-11	5/1/2002	160.22	23.32	--	136.90	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
MW-11	9/20/2002	160.22	23.21	--	137.01	--	--	<0.5	<0.5	<0.5	<1.00	<1.00 / <2.00	--	
MW-11	5/20/2003	160.22	--	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-11	10/02/2003	160.22	--	--	--	--	--	--	--	--	--	--	--	
MW-11	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-12	2/1/1992	--	--	--	--	--		**3.3**	ND	ND	**3.8**	--	--	Sample date accurate to month and year only
MW-12	9/1/1992	--	--	--	77.00	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-12	8/1/1993	--	--	--	76.58	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-12	8/2/2001	--	22.51	--	--	**0.252**	--	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-12	9/21/2001	160.78	--	--	--	--	<50.00	--	--	--	--	--	--	
MW-12	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-14A	5/1/1992	--	--	--	75.72	--		ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	9/1/1992	--	--	--	75.59	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	11/1/1992	--	--	--	75.64	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only

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Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-14A	5/1/1993	--	--	--	75.29	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	8/1/1993	--	--	--	75.29	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	11/1/1993	--	--	--	75.43	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	6/1/1994	--	--	--	75.23	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	8/1/1994	--	--	--	74.95	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14A	8/2/2001	--	23.03	--	--	**0.321**	--	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-14A	9/21/2001	160.21	--	--	--	--	<50.00	--	--	--	--	--	--	
MW-14A	5/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-14B	9/1/1992	--	--	--	--	--		ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14B	8/1/1993	--	--	--	75.32	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-14B	8/2/2001	--	23.11	--	--	<1.00	--	<1.00	<1.00	<1.00	<3.00	--	--	Sample date defaulted to first date listed in historical data table
MW-14B	09/21/2001	160.2	--	--	--	--	<50.00	--	--	--	--	--	--	
MW-14B	05/01/2004	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed May 2004
MW-15	9/1/1992	--	--	--	--	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	11/1/1992	87.01	11.37	--	75.64	--	--	**2**	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	5/1/1993	87.01	11.71	--	75.30	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	8/1/1993	87.01	11.71	--	75.30	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	11/1/1993	87.01	11.54	--	75.47	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	3/1/1994	87.01	11.52	--	75.49	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	6/1/1994	87.01	11.77	--	75.24	--	--	ND	ND	ND	ND	--	--	Sample date accurate to month and year only
MW-15	8/1/1994	87.01	12.02	--	74.99	--	--	ND	ND	ND	ND	--	--	
MW-15	12/22/1994	87.01	11.68	--	75.33	--	--	ND	ND	ND	ND	--	--	
MW-15	3/31/1995	87.01	11.53	--	75.48	--	--	ND	ND	ND	ND	--	--	
MW-15	6/20/1995	87.01	11.23	--	75.78	--	--	ND	ND	ND	ND	--	--	Trace NAPL
MW-15	8/23/1995	87.01	11.55	--	75.46	--	--	ND	ND	ND	ND	--	--	
MW-15	11/16/1995	87.01	11.55	--	75.46	--	--	ND	ND	ND	ND	--	--	
MW-15	1/30/1996	87.01	11.78	--	75.23	--	--	ND	ND	ND	ND	--	--	
MW-15	6/2/1996	87.01	11.48	--	75.53	--	--	<0.5	<0.5	<0.5	<1.00	--	--	Insufficient recharge
MW-15	8/26/1996	87.01	12.03	--	74.98	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-15	10/16/1996	87.01	12.5	--	74.51	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-15	4/28/1997	87.01	12.04	--	74.97	--	--	<0.5	**0.527**	<0.5	<1.00	--	--	
MW-15	9/10/1997	87.01	11.29	--	75.72	--	--	<2.00	<2.00	<2.00	<2.00	--	--	
MW-15	4/19/1998	87.01	11.9	--	75.11	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-15	9/23/1998	87.01	11.06	--	75.95	--	--	<0.5	<0.5	<0.5	<1.00	--	--	
MW-15	4/28/1999	87.01	11.52	--	75.49	--	--	<0.5	**0.59**	<0.5	<0.5	<10.00	--	
MW-15	10/13/1999	87.01	11.57	--	75.44	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
MW-15	5/19/2000	87.01	11.95	--	75.06	--	--	<1.00	<1.00	<1.00	<2.00	<2.00	--	
MW-15	9/27/2000	87.01	11.8	--	75.21	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
MW-15	5/5/2001	87.01	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/20/2001	87.01	--	--	--	--	--	--	--	--	--	--	--	
MW-15	5/1/2002	148.9	--	--	--	--	--	--	--	--	--	--	--	
MW-15	9/20/2002	148.9	--	--	--	--	--	--	--	--	--	--	--	
MW-15	5/20/2003	148.9	--	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-15	10/2/2003	148.9	8.58	--	140.32	--	--	<0.5	<0.7	<0.7	<1.6	<2.00	--	
MW-15	6/1/2004	148.9	--	--	--	--	--	--	--	--	--	--	--	
MW-15	9/21/2004	148.9	--	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-15	5/12/2005	148.9	--	--	--	--	--	--	--	--	--	--	--	
MW-15	9/19/2005	148.9	--	--	--	--	--	--	--	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
MW-15	5/8/2006	148.9	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-16	8/2/2001	--	13.92	--	--	<0.01	**--**	<1.00	<1.00	<1.00	<3.00	**--**	**--**	Sample date defaulted to first date listed in historical data table
MW-16	10/2/2001	--	14.33	--	--	**--**	<50.00	<0.5	<0.5	<0.5	<1.00	<1.00	**--**	Car parked over well
MW-16	5/1/2002	151.08	14.12	--	136.96	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<1.00	**--**	Car parked over well
MW-16	9/20/2002	151.08	14.04	--	137.04	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<1.00 / <2.00	**--**	
MW-16	5/20/2003	151.08	14.51	--	136.57	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<0.5	**--**	Sample date defaulted to first date listed in historical data table
MW-16	10/2/2003	151.08	14.3	--	136.78	**--**	**--**	<0.5	<0.7	<0.8	<1.6	<2.00	**--**	
MW-16	6/1/2004	151.08	13.86	--	137.22	**--**	**--**	<0.5	<0.5	<0.0005	<1.00	<2.00	**--**	
MW-16	9/21/2004	151.08	14.32	--	136.76	**--**	**--**	<0.5	<0.5	<0.0005	<1.00	<2.00	**--**	Sample date defaulted to first date listed in historical data table
MW-16	5/12/2005	151.08	14.04	--	137.04	**--**	**--**	<0.5	<0.5	<0.0005	<1.5	<2.5	**--**	
MW-16	9/19/2005	151.08	13.53	--	137.55	**--**	**--**	<0.5	<0.5	<0.0005	<1.00	**2.5**	**--**	
MW-16	5/8/2006	151.08	14.53	--	136.55	**--**	**--**	<0.5 / <0.5	<0.5 / <0.5	<0.0005 / <0.0005	<1.00 / <1.00	**--**	**--**	
MW-16	9/24/2006	152.13	13.69	--	138.44	**--**	**--**	<0.5	<0.5	<0.0005	<1.00	**--**	**--**	
MW-16	5/14/2007	152.13	14.13	--	138.00	**--**	**--**	<0.5	<0.7	<0.8	<1.6	<0.5	**--**	
MW-16	9/12/2007	152.13	14.01	--	138.12	**--**	**--**	<0.5	<0.5	<0.5	<1.00	**--**	**--**	
MW-16	5/1/2008	152.13	14.18	--	137.95	**--**	**--**	<0.05	<0.05	<0.05	<1.5	**--**	**--**	
MW-16	5/14/2009	152.13	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Unable to Access - behind fenced area
MW-17	8/2/2001	--	11.7	--	--	**0.118**		<0.1	<0.1	<0.1	<3.00	**--**	**--**	Sample date defaulted to first date listed in historical data table
MW-17	10/2/2001	--	12.12	--	--	**--**	<50.00	<0.5	<0.5	<0.5	<1.00	<1.00	**--**	
MW-17	5/1/2002	148.89	11.91	--	136.98	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<1.00	**--**	
MW-17	9/20/2002	148.89	11.86	--	137.03	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<1.00 / <2.00	**--**	
MW-17	5/20/2003	148.89	12.3	--	136.59	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<0.5	**--**	Sample date defaulted to first date listed in historical data table
MW-17	10/2/2003	148.89	12.07	--	136.82	**--**	**--**	<0.5	<0.7	<0.8	<1.6	<2.00	**--**	
MW-17	6/1/2004	148.89	11.65	--	137.24	**--**	**--**	<0.5 / <0.5	<0.5 / <0.7	<0.5 / <0.8	<1.0 / <0.8	<2.00 / <0.002	**--**	
MW-17	9/21/2004	148.89	12.13	--	136.76	**--**	**--**	<0.5	<0.5	<0.5	<1.00	<2.00	**--**	Sample date defaulted to first date listed in historical data table
MW-17	5/12/2005	148.89	11.81	--	137.08	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/19/2005	148.89	11.45	--	137.44	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	5/8/2006	148.89	13.56	--	135.33	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/24/2006	148.91	12.69	--	136.22	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	5/14/2007	148.91	13.27	--	135.64	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/21/2007	148.91	11.77	--	137.14	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	5/1/2008	148.91	11.9	--	137.01	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	5/14/2009	148.91	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Unable to Access - behind fenced area
MW-18	8/2/2001	--	13.3	--	--	**13.2**	**--**	<0.1	<0.1	<0.1	<3.0	**--**	**--**	Sample date defaulted to first date listed in historical data table
MW-18	10/2/2001	--	13.46	--	--	**--**	**162**	<0.5	<0.5	**1.39**	**11.2**	<1.00	**--**	
MW-18	5/1/2002	150.5	12.88	--	137.62	**--**	**--**	<0.5	<0.5	<0.5	<1.0	<1.00	**--**	
MW-18	9/20/2002	150.5	13.17	--	137.33	**--**	**--**	<0.5	<0.5	<0.5	<1.0	<1.00 / <2.00	**--**	
MW-18	5/20/2003	150.5	13.6	--	136.90	**--**	**--**	<0.5	<0.5	<0.5	<1.0	<0.5	**--**	Sample date defaulted to first date listed in historical data table
MW-18	10/2/2003	150.5	14.23	--	136.27	**--**	**--**	<0.5	<0.7	<0.8	<1.6	<2.0	**--**	
MW-18	6/1/2004	150.5	12.96	--	137.54	**--**	**--**	<0.5	<0.5	<0.5	<1.0	<2.0	**--**	
MW-18	9/21/2004	150.5	14.01	--	136.49	**--**	**--**	<0.5	<0.5	<0.5	<1.0	<2.0	**--**	Sample date defaulted to first date listed in historical data table
MW-18	5/12/2005	150.5	13.06	--	137.44	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-18	9/19/2005	150.5	12.74	--	137.76	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-18	05/08/2006	150.78	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
Trip Blank	1/30/1996	--	--	--	--	**--**	**--**	ND	ND	ND	ND	**--**	**--**	
Trip Blank	6/2/1996	--	--	--	--	**--**	**--**	<0.5	<0.5	<0.5	<1.0	**--**	**--**	

Table 4. Historical Groundwater Gauging and Analytical Results - Volatile Organic Compounds
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
Trip Blank	8/26/1996	--	--	--	--	--	--	<0.5	**0.61**	<0.5	<1.0	--	--	
Trip Blank	10/16/1996	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	4/28/1997	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	9/10/1997	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	4/19/1998	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	9/23/1998	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	4/28/1999	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<10.00	--	
Trip Blank	10/13/1999	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<5.00	--	
Trip Blank	9/27/2000	--	--	--	--	--	--	<0.5	**0.572**	<0.5	<1.00	<5.00	--	
Trip Blank	5/5/2001	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.00	<5.00	--	
Trip Blank	10/2/2001	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
Trip Blank	5/1/2002	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.00	<1.00	--	
Trip Blank	9/20/2002	--	--	--	--	--	--	<0.5	**0.518**	<0.5	<1.00	<1.00	--	
Trip Blank	5/20/2003	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	Sample date defaulted to first date listed in historical data table
Trip Blank	10/2/2003	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	
Trip Blank	6/1/2004	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	
Trip Blank	9/21/2004	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<2.00	--	Sample date defaulted to first date listed in historical data table
Trip Blank	5/12/2005	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.5	<2.50	--	
Trip Blank	9/19/2005	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.5	<2.50	--	
Trip Blank	5/8/2006	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	
Trip Blank	9/24/2006	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	5/14/2007	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.05	--	
Trip Blank	9/21/2007	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	
Trip Blank	5/1/2008	--	--	--	--	--	--	<0.05	<0.05	<0.05	<1.5	--	--	
Trip Blank	7/15/2008	--	--	--	--	--	<50.00	<0.05	<0.05	<0.05	<1.00	--	--	
Trip Blank	4/30/2009	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<1.00	--	--	
Trip Blank	8/19/2009	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<1.00	--	--	
Trip Blank	4/20/2010	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<1.00	--	--	
Trip Blank	6/10/2010	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<1.00	--	--	
Trip Blank	8/27/2010	--	--	--	--	--	<10.0	<10.00	<0.05	<0.05	<0.05	--	--	
Trip Blank	5/24/2011	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	--	--	
Trip Blank	7/26/2011	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<0.05	--	--	
Trip Blank	11/10/2011	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<0.05	--	--	
Trip Blank	6/20/2012	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<0.05	--	--	
Trip Blank	11/5/2012	--	--	--	--	--	<10.0	<0.05	<0.05	<0.05	<0.05	--	--	
Trip Blank	4/30/2013	--	--	--	--	--	<10.0	<0.062	<0.077	<0.081	<0.022	--	--	
Trip Blank	11/08/2013	--	--	--	--	--	<100	<0.24	<0.23	<0.24	<0.72	--	--	
Trip Blank	4/28/2014	--	--	--	--	--	<50.00	<0.015	<0.011	<0.16	<0.040	--	--	Car parked over well

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Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL Thickness (ft)	GW Elev (ft amsl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels						**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**140**	**1.7**	
Trip Blank	11/7/2014	--	--	--	--	**--**	<50.00	<0.015	**0.12 J**	<0.16	<0.040	**--**	**--**	
Trip Blank	4/29/2015	--	--	--	--	**--**	<50.00	<0.05	<0.05	<0.05	<0.05	**--**	**--**	
Trip Blank	11/6/2015	--	--	--	--	**--**	<10.0	<0.05	<0.05	<0.05	<0.05	**--**	**--**	
Trip Blank	4/21/2016	--	--	--	--	**--**	<10.0	<0.05	<0.05	<0.05	<0.05	**--**	**--**	
Trip Blank	11/1/2016	--	--	--	--	**--**	<10.0	<0.05	<0.05	<0.05	<0.05	**--**	**--**	
Trip Blank	10/17/2017	--	--	--	--	**--**	<10.0	<0.05	<0.05	<0.05	<0.05	**--**	**--**	
Trip Blank	4/27/2018	--	--	--	--	**--**	<10.0	<0.05	<0.05	<0.05	<0.05	<0.5	**--**	
Trip Blank	10/18/2018	--	--	--	--	**--**	<10.0	<0.02	<0.02	<0.02	<0.05	**--**	**--**	
Trip Blank	4/3/2019	--	--	--	--	**--**	<14.00	<0.02	<0.02	<0.4	<1.00	<0.2	<1.00	
Trip Blank	9/11/2019	--	--	--	--	<14.00	<100	<0.009	<0.039	<0.5	<1.14	<0.44	<0.095 J*B	
Trip Blank	4/22/2020	--	--	--	--	**--**	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
Trip Blank	10/9/2020	--	--	--	--	**--**	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
Trip Blank	8/26/2021	--	--	--	--	**--**	**42.9 J**	<1.00	<1.00	<1.00	<3.00	<1.00	**1.24 J**	
Trip Blank	4/4/2022	--	--	--	--	**--**	<100	<1.00	<1.00	<1.00	<3.00	<1.00 J	***<5.00 J***	
Trip Blank	8/16/2022	--	--	--	--	<100	**--**	<1,000	<1,000	<1,000	<3,000	<1,000	**--**	
Tudor Motel	9/21/2007	--	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**		
Tudor Motel	5/1/2008	--	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
Tudor Motel	7/15/2008	--	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
Equipment Blank	9/11/2019	--	--	--	--	<76.00	<100	**0.013 J**	**11.00 J**	<0.5	<1.14	<0.44	**0.030 J*B**	
Equipment Blank	4/22/2020	--	--	--	--	<800	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
Equipment Blank	10/9/2020	--	--	--	--	<800	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
Equipment Blank	8/26/2021	--	--	--	--	**624 J**	<100	<1.00	<1.00	<1.00	<3.00	<1.00	***<5.00***	
Equipment Blank	4/4/2022	--	--	--	--	<800	<100	<1.00	<1.00	<1.00	<3.00	<1.00 J	***<5.00 J***	
Equipment Blank	8/16/2022	--	--	--	--	<100	<840	<1,000	<1,000	<1,000	<3,000	<1,000	<50	

Notes:

ID = Identification
MW = Groundwater monitoring well
TOC = Top of casing
DTW = Depth to groundwater
ft bTOC = Feet below top of casing
ft = Feet relative to NAVD88
µg/L = Micrograms per liter
GW Elev = Groundwater elevation
<0.00100 = Not detected at or above the reported detection limit (RDL)
Bold = Detected above laboratory method detection limit (MDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
Bold and *Italicized* = Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
[ ] = Blind Duplicate Sample Result
* = LCS or LCSD is outside acceptance limits.
ND = Constituent considered non detect at the MDL
All values prior to 8/16/2022 are in mg/l

GRO = Total petroleum hydrocarbons, gasoline range by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method AK101
DRO = Total petroleum hydrocarbons, diesel range by LUFT GC/MS according to State of Alaska Method AK102.
Samples analytes by USEPA Method 8260D:
Benzene, Toluene, Ethylbenzene and Total Xylenes (collectively BTEX)
MTBE = Methyl-tert-butyl ether
Naphthalene
LUFT = Leaking Underground Fuel Tank
GC/MS = Gas chromatography/Mass Spectrometry
J = The associated numerical value is an estimated concentration only.
B = Compound considered non-detect at the listed value due to associated blank contamination.

ADEC = Alaska Department of Environmental Conservation

NAVD 88 = North American Vertical Datum of 1988

LNAPL = Light Non-Aqueous Phase Liquid
-- = Not Measured/Not analyzed
The laboratory for this site was changed from Eurofins Calscience to Pace Analytical prior to the second quarter 2020 groundwater monitoring event. Prior to this date, Eurofins Calscience was using the carbon ranges as follows: TPH-g as C6-C10; TPH-d as C13-C22. Pace Analytical reports the following carbon ranges: TPH-g as C5-C12; TPH-d as C12-C22.

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acetone (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Bromobenzene (µg/L)	Bromochloromethane (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (Methyl bromide) (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chlorodibromo-methane (Dibromochloro-methane) (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (Methyl chloride) (µg/L)
ADEC Groundwater Cleanup Levels		**14,000**	**--**	**--**	**62**	**--**	**1.3**	**33**	**7.5**	**1,000**	**2,000**	**690**	**810**	**4.6**	**78**	**8.7**	**21,000**	**2.2**	**190**
MW-1R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	8/26/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	6/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/5/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/10/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	6/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/8/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/7/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/29/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/6/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/21/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/1/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/1/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	10/17/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/27/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	10/18/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	4/9/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/11/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	10/9/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-1R	4/7/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	**0.222 J**	**0.0282 J**	**0.304 J**	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-1R	8/26/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00 J	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-1R	04/04/2022	<50.0 J	<50.0 J	<10.0 J	<1.00 J	<1.00	<1.00	<1.00 J	<5.00	<1.00 J	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-1R	8/16/2022	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-2R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	8/26/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	6/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	9/5/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/24/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	11/10/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	6/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	11/8/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	11/8/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	11/7/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/29/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	2-Chlorotoluene (o-Chlorotoluene) (µg/L)	4-Chlorotoluene (p-Chlorotoluene) (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	Dibromomethane (Methylene bromide) (µg/L)	1,2-Dibromomethane (µg/L)	1,2-Dichlorobenzene (o-Dichlorobenzene) (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	Dichlorodifluoro-methane (Freon 12) (µg/L)	1,1-Dichloroethane (µg/L)	1,2-Dichloroethane (µg/L)	1,1-Dichloroethene (Dichloroethylene) (µg/L)	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene) (µg/L)	trans-1,2-Dichloroethene (µg/L)	1,2-Dichloropropane (µg/L)	1,3-Dichloropropane (µg/L)	2,2-Dichloropropane (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**8.3**	**0.075**	**300**	**300**	**4.8**	**200**	**28**	**1.7**	**280**	**36**	**360**	**8.2**	**--**	**--**
MW-1R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/1/2008	--	--	--	--	--	--	--	--	--	--	**18.2**	--	***<70.0***	--	--	--	--
MW-1R	7/15/2008	--	--	--	--	--	--	--	--	--	--	**21.0**	--	<8.00	--	--	--	--
MW-1R	5/14/2009	--	--	--	--	--	--	--	--	--	--	<5.00 / <5.00	--	<8.00 / <8.00	--	--	--	--
MW-1R	8/26/2009	--	--	--	--	--	--	--	--	--	--	<5.00 J / <21.0 J	--	<8.00 / <8.00	--	--	--	--
MW-1R	6/15/2010	--	--	--	--	--	--	--	--	--	--	**14.0 J / 10 J**	--	<8.00 / <8.00	--	--	--	--
MW-1R	9/5/2010	--	--	--	--	--	--	--	--	--	--	<3.00 / <3.00	--	<4.00 / <4.00	--	--	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	--	**12.00**	--	<0.800	--	--	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	--	**12.00**	--	<0.800	--	--	--	--
MW-1R	11/10/2011	--	--	--	--	--	--	--	--	--	--	**4.00 J / 7.00 J**	--	<0.800 / <0.800	--	--	--	--
MW-1R	6/20/2012	--	--	--	--	--	--	--	--	--	--	**4.00 J / 4.00 J**	--	<0.800 / <0.800	--	--	--	--
MW-1R	11/5/2012	--	--	--	--	--	--	--	--	--	--	**0.80 J / 0.80 J**	--	<0.800 / <0.800	--	--	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	--	**3.00 / 3.30**	--	<0.085 /<0.085	--	--	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	--	**2.80 / 3.40**	--	<0.085 /<0.085	--	--	--	--
MW-1R	11/8/2013	--	--	--	--	--	--	--	--	--	--	**4.2 J / 3.0 J**	--	<1.1 / <1.1	--	--	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	--	**3.7 / 3.7**	--	<0.13 / <0.13	--	--	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	--	**<0.66 J / 3.8 J**	--	<0.66 / <0.13	--	--	--	--
MW-1R	11/7/2014	--	--	--	--	--	--	--	--	--	--	**<0.66 / 2.1 J**	--	<0.66 / <0.66	--	--	--	--
MW-1R	4/29/2015	--	--	--	--	--	--	--	--	--	--	**3.00**	--	<0.5	--	--	--	--
MW-1R	11/6/2015	--	--	--	--	--	--	--	--	--	--	<1.00	--	<1.00	--	--	--	--
MW-1R	4/21/2016	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.5	--	--	--	--
MW-1R	11/1/2016	--	--	--	--	--	--	--	--	--	--	**2.00**	--	<0.5	--	--	--	--
MW-1R	5/1/2017	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.5	--	--	--	--
MW-1R	10/17/2017	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.5	--	--	--	--
MW-1R	4/27/2018	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.5	--	--	--	--
MW-1R	10/18/2018	--	--	--	--	--	--	--	--	--	--	<2.00	--	<0.5	--	--	--	--
MW-1R	4/9/2019	--	--	--	--	--	--	--	--	--	--	**1.00 [1.00]**	--	<0.2 [<0.2]	--	--	--	--
MW-1R	9/11/2019	--	--	--	--	--	--	--	--	--	--	**1.4**	--	<0.69	--	--	--	--
MW-1R	10/9/2020	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00 J	<1.00	**2.22**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-1R	4/7/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	**2.76**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-1R	8/26/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	**3.11 J**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-1R	04/04/2022	<1.00 J	<1.00 J	<5.00 J	<1.00	<0.00500	<1.00 J	<1.00 J	<1.00 J	<5.00	<1.00	**1.91**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-1R	8/16/2022	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	**1.81**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-2R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/1/2008	--	--	--	--	--	--	--	--	--	--	**0.0568 / 0.0505**	--	<70.0 / <70.0	--	--	--	--
MW-2R	7/15/2008	--	--	--	--	--	--	--	--	--	--	**0.035 / 0.037**	--	<4.00 / <70.0	--	--	--	--
MW-2R	5/14/2009	--	--	--	--	--	--	--	--	--	--	**0.027**	--	<2.00	--	--	--	--
MW-2R	8/26/2009	--	--	--	--	--	--	--	--	--	--	**0.056**	--	<0.4	--	--	--	--
MW-2R	6/15/2010	--	--	--	--	--	--	--	--	--	--	**0.017**	--	<0.800	--	--	--	--
MW-2R	9/5/2010	--	--	--	--	--	--	--	--	--	--	**0.008**	--	<0.800	--	--	--	--
MW-2R	5/24/2011	--	--	--	--	--	--	--	--	--	--	**0.016 / 0.015**	--	<0.800 / <0.800	--	--	--	--
MW-2R	11/10/2011	--	--	--	--	--	--	--	--	--	--	**0.012**	--	<0.800	--	--	--	--
MW-2R	6/20/2012	--	--	--	--	--	--	--	--	--	--	**0.011**	--	<0.800	--	--	--	--
MW-2R	11/8/2012	--	--	--	--	--	--	--	--	--	--	**2.00 J**	--	<0.800	--	--	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	--	**9.1**	--	**0.22 J**	--	--	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	--	**4.90**	--	<0.085	--	--	--	--
MW-2R	11/8/2013	--	--	--	--	--	--	--	--	--	--	**5.3**	--	<0.23	--	--	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	--	**11.00**	--	<0.13	--	--	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	--	**2.1**	--	<0.13	--	--	--	--
MW-2R	11/7/2014	--	--	--	--	--	--	--	--	--	--	<0.66	--	<0.66	--	--	--	--
MW-2R	4/29/2015	--	--	--	--	--	--	--	--	--	--	**3.0 / 3.0**	--	<0.5 / <0.5	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Di-isopropyl ether (µg/L)	Hexachloro-1,3-butadiene (Hexachlorobutadiene) (µg/L)	Isopropylbenzene (Cumene) (µg/L)	p-Isopropyltoluene (µg/L)	2-Butanone (Methyl ethyl ketone) (µg/L)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (µg/L)	Methylene chloride (µg/L)	n-Propylbenzene (Propylbenzene) (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**--**	**1.4**	**450**	**--**	**5,600**	**6,300**	**110**	**660**	**1,200**	**5.7**	**0.76**	**41**	**7**	**4**
MW-1R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	5/1/2008	--	--	--	--	--	--	--	--	--	<0.005	--	--	--	--	<5.00	--	--
MW-1R	7/15/2008	--	--	--	--	--	--	--	--	--	**0.021**	--	--	--	--	<8.00	--	--
MW-1R	5/14/2009	--	--	--	--	--	--	--	--	--	<0.020 / <0.020	--	--	--	--	<8.00 / <8.00	--	--
MW-1R	8/26/2009	--	--	--	--	--	--	--	--	--	<0.020 / <0.020	--	--	--	--	<8.00 / <8.00	--	--
MW-1R	6/15/2010	--	--	--	--	--	--	--	--	--	<0.020 / <0.020	--	--	--	--	<8.00 / <8.00	--	--
MW-1R	9/5/2010	--	--	--	--	--	--	--	--	--	<0.010 / <0.010	--	--	--	--	<4.00 / <4.00	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-1R	5/24/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-1R	11/10/2011	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.8 / <0.8	--	--
MW-1R	6/20/2012	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.9 <0.8	--	--
MW-1R	11/5/2012	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.8 / <0.8	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	**1.3 / 1.2**	--	--
MW-1R	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	**1.2 / 1.0**	--	--
MW-1R	11/8/2013	--	--	--	--	--	--	--	--	--	<0.010 / <0.010	--	--	--	--	**2.1 J / 2.0 J**	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	<20.00 / <20.00	--	--	--	--	**2.4 / 2.2**	--	--
MW-1R	4/28/2014	--	--	--	--	--	--	--	--	--	<10.00 / <2.00	--	--	--	--	<0.78 J / <0.17 J	--	--
MW-1R	11/7/2014	--	--	--	--	--	--	--	--	--	<10.00 / <10.00	--	--	--	--	<0.19 J / <0.16 J	--	--
MW-1R	4/29/2015	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
MW-1R	11/6/2015	--	--	--	--	--	--	--	--	--	<4.0	--	--	--	--	<1.00	--	--
MW-1R	4/21/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
MW-1R	11/1/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
MW-1R	5/1/2017	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**0.0007 J**	--	--
MW-1R	10/17/2017	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	<0.5	--	--
MW-1R	4/27/2018	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	<0.5	--	--
MW-1R	10/18/2018	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	<0.2	--	--
MW-1R	4/9/2019	--	--	--	--	--	--	--	--	--	<0.3 [<0.3]	--	--	--	--	<0.2 **[0.4 J]**	--	--
MW-1R	9/11/2019	--	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	<0.5 B	--	--
MW-1R	10/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
MW-1R	4/7/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.426 J**	<1.00	<10.0	<10.0	<5.00	**1.01**	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
MW-1R	8/26/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<10.0	<10.0	<5.00	<1.00 J	<1.00	<1.00 J	***<1.00***	<1.00 J	<1.00	<1.00
MW-1R	04/04/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<1.00 J	<10.0 J	<10.0 J	<5.00	<1.00 J	<1.00	<1.00 J	***<1.00***	**0.905 J**	<1.00 J	<1.00 J
MW-1R	8/16/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**0.959 J**	<1.00	<1.00
MW-2R	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/1/2008	--	--	--	--	--	--	--	--	--	<5.00 / <5.00	--	--	--	--	<0.5 / **0.79**	--	--
MW-2R	7/15/2008	--	--	--	--	--	--	--	--	--	<10.00 / <5.00	--	--	--	--	<4.0 / <5.0	--	--
MW-2R	5/14/2009	--	--	--	--	--	--	--	--	--	<4.00	--	--	--	--	<2.00	--	--
MW-2R	8/26/2009	--	--	--	--	--	--	--	--	--	<10.0	--	--	--	--	<4.0	--	--
MW-2R	6/15/2010	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.80	--	--
MW-2R	9/5/2010	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**0.001 J**	--	--
MW-2R	5/24/2011	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.8 / <0.8	--	--
MW-2R	11/10/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-2R	6/20/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-2R	11/8/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.89 J**	--	--
MW-2R	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.45 J**	--	--
MW-2R	11/8/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.47 J**	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.77 J**	--	--
MW-2R	4/28/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.27 J**	--	--
MW-2R	11/7/2014	--	--	--	--	--	--	--	--	--	<10.00	--	--	--	--	<0.78	--	--
MW-2R	4/29/2015	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.5 / <0.5	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (Freon 11) (µg/L)	1,2,3-Trichloropropane (µg/L)	1,1,2-Trichlorotrifluoroethane (Freon 113) (µg/L)	1,2,3-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Vinyl chloride (Chloroethene) (µg/L)	Comments
ADEC Groundwater Cleanup Levels		**8,000**	**0.41**	**2.8**	**5,200**	**0.0075**	**10,000**	**--**	**56**	**60**	**0.19**	
MW-1R	9/24/2006	--	--	--	--	--	--	--	--	--	--	
MW-1R	5/14/2007	--	--	--	--	--	--	--	--	--	--	
MW-1R	9/21/2007	--	--	--	--	--	--	--	--	--	--	
MW-1R	5/1/2008	--	--	**4.00**	--	--	--	--	--	--	--	
MW-1R	7/15/2008	--	--	<10.00	--	--	--	--	--	--	--	
MW-1R	5/14/2009	--	--	<10.0 / <10.0	--	--	--	--	--	--	--	
MW-1R	8/26/2009	--	--	<10.0 / <10.0	--	--	--	--	--	--	--	
MW-1R	6/15/2010	--	--	<10.0 / <10.0	--	--	--	--	--	--	--	
MW-1R	9/5/2010	--	--	<5.00 / <5.00	--	--	--	--	--	--	--	
MW-1R	5/24/2011	--	--	**1.00 J**	--	--	--	--	--	--	--	
MW-1R	5/24/2011	--	--	**1.00 J**	--	--	--	--	--	--	--	
MW-1R	11/10/2011	--	--	<1.00 / <1.00	--	--	--	--	--	--	--	
MW-1R	6/20/2012	--	--	<1.00 / <1.00	--	--	--	--	--	--	--	
MW-1R	11/5/2012	--	--	<1.00 / <1.00	--	--	--	--	--	--	--	
MW-1R	4/30/2013	--	--	**0.13 J / 0.15 J**	--	--	--	--	--	--	--	
MW-1R	4/30/2013	--	--	**0.11 J / 0.12 J**	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-1R	11/8/2013	--	--	<0.60 / <0.60	--	--	--	--	--	--	--	
MW-1R	4/28/2014	--	--	**0.65 / 0.61**	--	--	--	--	--	--	--	
MW-1R	4/28/2014	--	--	<0.46 / <0.66	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-1R	11/7/2014	--	--	<0.46 / <0.46	--	--	--	--	--	--	--	
MW-1R	4/29/2015	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	11/6/2015	--	--	<1.00	--	--	--	--	--	--	--	
MW-1R	4/21/2016	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	11/1/2016	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	5/1/2017	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	10/17/2017	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	4/27/2018	--	--	<0.5	--	--	--	--	--	--	--	
MW-1R	10/18/2018	--	--	<0.2	--	--	--	--	--	--	--	
MW-1R	4/9/2019	--	--	<0.2 [<0.2]	--	--	--	--	--	--	--	
MW-1R	9/11/2019	--	--	<0.50	--	--	--	--	--	--	--	
MW-1R	10/9/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-1R	4/7/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	**0.943 J**	**0.258 J**	***<1.00***	
MW-1R	8/26/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	**0.169 J**	***<1.00***	
MW-1R	04/04/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00 J	<1.00 J	<1.00 J	***<1.00***	
MW-1R	8/16/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-2R	9/24/2006	--	--	--	--	--	--	--	--	--	--	
MW-2R	5/14/2007	--	--	--	--	--	--	--	--	--	--	
MW-2R	9/21/2007	--	--	--	--	--	--	--	--	--	--	
MW-2R	5/1/2008	--	--	<5.00 / <5.00	--	--	--	--	--	--	--	
MW-2R	7/15/2008	--	--	<5.00 / <5.00	--	--	--	--	--	--	--	
MW-2R	5/14/2009	--	--	<2.00	--	--	--	--	--	--	--	
MW-2R	8/26/2009	--	--	<5.00	--	--	--	--	--	--	--	
MW-2R	6/15/2010	--	--	<1.00	--	--	--	--	--	--	--	
MW-2R	9/5/2010	--	--	<1.00	--	--	--	--	--	--	--	
MW-2R	5/24/2011	--	--	<1.00 / <1.00	--	--	--	--	--	--	--	
MW-2R	11/10/2011	--	--	<1.00	--	--	--	--	--	--	--	
MW-2R	6/20/2012	--	--	<1.00	--	--	--	--	--	--	--	
MW-2R	11/8/2012	--	--	<1.00	--	--	--	--	--	--	--	
MW-2R	4/30/2013	--	--	<0.083	--	--	--	--	--	--	--	
MW-2R	4/30/2013	--	--	<0.083	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-2R	11/8/2013	--	--	<0.12	--	--	--	--	--	--	--	
MW-2R	4/28/2014	--	--	<0.091	--	--	--	--	--	--	--	
MW-2R	4/28/2014	--	--	<0.091	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-2R	11/7/2014	--	--	<0.46	--	--	--	--	--	--	--	
MW-2R	4/29/2015	--	--	<0.50 / <0.50	--	--	--	--	--	--	--	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acetone (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Bromobenzene (µg/L)	Bromochloromethane (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (Methyl bromide) (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chlorodibromo-methane (Dibromochloro-methane) (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (Methyl chloride) (µg/L)
ADEC Groundwater Cleanup Levels		**14,000**	**--**	**--**	**62**	**--**	**1.3**	**33**	**7.5**	**1,000**	**2,000**	**690**	**810**	**4.6**	**78**	**8.7**	**21,000**	**2.2**	**190**
MW-2R	11/6/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/21/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	11/1/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	5/1/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	10/17/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/27/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	10/18/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/9/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	9/11/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2R	4/22/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**6.04**	**7.77**	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-2R	10/9/2020	<50.0 [<50.0]	<50.0 [<50.0]	<10.0 [<10.0]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	**7.47 [8.18]**	**12.3 12.7]**	**1.42 [1.42]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-2R	4/7/2021	<50.0 [<50.0]	<50.0 [<50.0]	<10.0 [<10.0]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	**3.55 [5.28]**	**8.27 [7.54]**	**11.5 [10.0]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-2R	8/26/2021	<50.0 [<50.0]	<50.0 [<50.0]	<10.0 [<10.0]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 J [<1.00 J]	<5.00 J [<5.00 J]	<1.00 [<1.00]	**14.7 [14.8]**	**15.3 [15.1]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-2R	04/04/2022	<50.0 J [<50.0 J]	<50.0 J [<50.0 J]	<10.0 J [<10.0 J]	<1.00 J [<1.00 J]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 J [<1.00 J]	<5.00 [<5.00]	**7.41 J [7.78 J]**	**11.3 J [11.6 J]**	**13.9 J [14.0 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-2R	8/16/2022	<50.0 [<50.0]	<50.0 [<50.0]	<10.0 [<10.0]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	**8.51 [7.83]**	**8.37 [9.15]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-8RR	7/26/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/10/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	6/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/8/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/8/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/7/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/29/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/6/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/21/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	11/1/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	5/1/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	10/17/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/27/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	10/18/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/9/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	9/11/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	4/22/2020	<50.0	<50.0	<10.0	<1.00 J	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-8RR	10/9/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-8RR	4/7/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	8/26/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00 J	<5.00 J	<1.00	**0.450J**	**0.258 J**	<1.00 J	<1.00 J	<1.00	<1.00	<5.00 J	***<5.00 J***	<2.50 J
MW-8RR	04/04/2022	<50.0 J	<50.0 J	<10.0 J	<1.00 J	<1.00	<1.00	<1.00 J	<5.00	<1.00 J	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-8RR	8/16/2022	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-9	2/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/22/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/23/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	2-Chlorotoluene (o-Chlorotoluene)	4-Chlorotoluene (p-Chlorotoluene)	1,2-Dibromo-3-chloropropane	Dibromomethane (Methylene bromide)	1,2-Dibromomethane	1,2-Dichlorobenzene (o-Dichlorobenzene)	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane (Freon 12)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene)	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**8.3**	**0.075**	**300**	**300**	**4.8**	**200**	**28**	**1.7**	**280**	**36**	**360**	**8.2**	**--**	**--**
MW-2R	11/6/2015	--	--	--	--	--	--	--	--	--	--	2.0 / <3.0	--	<1.00 / <3.00	--	--	--	--
MW-2R	4/21/2016	--	--	--	--	--	--	--	--	--	--	**8.0 / 9.0 J**	--	<0.5 / <0.5	--	--	--	--
MW-2R	11/1/2016	--	--	--	--	--	--	--	--	--	--	**11.0 / 11.0**	--	<0.5 / <0.5	--	--	--	--
MW-2R	5/1/2017	--	--	--	--	--	--	--	--	--	--	**7.00 / 8.00**	--	<0.5 / <0.5	--	--	--	--
MW-2R	10/17/2017	--	--	--	--	--	--	--	--	--	--	**9.00 / 9.00**	--	<0.5 / <0.5	--	--	--	--
MW-2R	4/27/2018	--	--	--	--	--	--	--	--	--	--	**7.00 / 7.00**	--	<0.5 / <0.5	--	--	--	--
MW-2R	10/18/2018	--	--	--	--	--	--	--	--	--	--	**3.00 J / 3.00 J**	--	<0.2 / <0.2	--	--	--	--
MW-2R	4/9/2019	--	--	--	--	--	--	--	--	--	--	**5.00**	--	<0.2	--	--	--	--
MW-2R	9/11/2019	--	--	--	--	--	--	--	--	--	--	**6**	--	<0.69	--	--	--	--
MW-2R	4/22/2020	<1.00	<1.00	<5.00	<1.00	***<0.100 J***	<1.00	<1.00	<1.00	<5.00	<1.00	**4.73**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-2R	10/9/2020	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 J [<5.00 J]	<1.00 [<1.00]	**6.4 [6.17]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	4/7/2021	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	**5.65 [6.82]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	8/26/2021	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	***<0.125 [<0.125]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	**10.5 J [10.6 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	04/04/2022	<1.00 J [<1.00 J]	<1.00 J [<1.00 J]	<5.00 J [<5.00 J]	<1.00 [<1.00]	***<0.125 [<0.125]***	<1.00 J [<1.00 J]	<1.00 J [<1.00 J]	<1.00 J [<1.00 J]	<5.00 [<5.00]	<1.00 [<1.00]	**6.4 [64.2]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	8/16/2022	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	**3.23 [3.4]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-8RR	7/26/2011	--	--	--	--	--	--	--	--	--	--	**24**	--	<2.00	--	--	--	--
MW-8RR	11/10/2011	--	--	--	--	--	--	--	--	--	--	**5**	--	<0.800	--	--	--	--
MW-8RR	6/20/2012	--	--	--	--	--	--	--	--	--	--	**2.00 J**	--	<0.800	--	--	--	--
MW-8RR	11/8/2012	--	--	--	--	--	--	--	--	--	--	**0.600 J**	--	<0.800	--	--	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	--	**3.3**	--	<0.85	--	--	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	--	**2.5**	--	**0.23 J**	--	--	--	--
MW-8RR	11/8/2013	--	--	--	--	--	--	--	--	--	--	**0.55 J**	--	<0.23	--	--	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	--	**0.65 J**	--	<0.13	--	--	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	--	**0.61 J**	--	<0.13	--	--	--	--
MW-8RR	11/7/2014	--	--	--	--	--	--	--	--	--	--	**1.3**	--	<0.13	--	--	--	--
MW-8RR	4/29/2015	--	--	--	--	--	--	--	--	--	--	**1**	--	<0.5	--	--	--	--
MW-8RR	11/6/2015	--	--	--	--	--	--	--	--	--	--	<1.00	--	<1.00	--	--	--	--
MW-8RR	4/21/2016	--	--	--	--	--	--	--	--	--	--	<1.00	--	<0.50	--	--	--	--
MW-8RR	11/1/2016	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.50	--	--	--	--
MW-8RR	5/1/2017	--	--	--	--	--	--	--	--	--	--	**2.00**	--	<0.50	--	--	--	--
MW-8RR	10/17/2017	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.50	--	--	--	--
MW-8RR	4/27/2018	--	--	--	--	--	--	--	--	--	--	**1.00**	--	<0.50	--	--	--	--
MW-8RR	10/18/2018	--	--	--	--	--	--	--	--	--	--	**3.0 J**	--	<0.20	--	--	--	--
MW-8RR	4/9/2019	--	--	--	--	--	--	--	--	--	--	**0.001**	--	<0.20	--	--	--	--
MW-8RR	9/11/2019	--	--	--	--	--	--	--	--	--	--	**0.79 /0.77**	--	<0.69 / <0.69	--	--	--	--
MW-8RR	4/22/2020	<1.00	<1.00	<5.00	<1.00	**0.0110 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**0.636 J**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-8RR	10/9/2020	<1.00	<1.00	<5.00	<1.00	**0.015**	<1.00	<1.00	<1.00	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-8RR	4/7/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	8/26/2021	<1.00 J	<1.00	<5.00	<1.00 J	**0.006**	<1.00	<1.00	<1.00	<5.00 J	<1.00 J	<1.00	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00 J
MW-8RR	04/04/2022	<1.00 J	<1.00 J	<5.00 J	<1.00	**0.0120**	<1.00 J	<1.00 J	<1.00 J	<5.00	<1.00	**0.622 J**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-8RR	8/16/2022	<1.00	<1.00	<5.00	<1.00	**0.0120**	<1.00	<1.00	<1.00	<5.00	<1.00	**1.17**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-9	2/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/22/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/23/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Di-isopropyl ether (µg/L)	Hexachloro-1,3-butadiene (Hexachlorobutadiene) (µg/L)	Isopropylbenzene (Cumene) (µg/L)	p-Isopropyltoluene (µg/L)	2-Butanone (Methyl ethyl ketone) (µg/L)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (µg/L)	Methylene chloride (µg/L)	n-Propylbenzene (Propylbenzene) (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**--**	**1.4**	**450**	**--**	**5,600**	**6,300**	**110**	**660**	**1,200**	**5.7**	**0.76**	**41**	**7**	**4**
MW-2R	11/6/2015	--	--	--	--	--	--	--	--	--	<4.00 / <10.00	--	--	--	--	<1.0 / <3.0	--	--
MW-2R	4/21/2016	--	--	--	--	--	--	--	--	--	<2.00 / <20.00	--	--	--	--	<0.6 / <5.0	--	--
MW-2R	11/1/2016	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.8 J / <0.8 J	--	--
MW-2R	5/1/2017	--	--	--	--	--	--	--	--	--	<2.00 / <2.00	--	--	--	--	<0.6 J / <0.6 J	--	--
MW-2R	10/17/2017	--	--	--	--	--	--	--	--	--	<0.5 / <0.5	--	--	--	--	<0.9 J / <0.8 J	--	--
MW-2R	4/27/2018	--	--	--	--	--	--	--	--	--	<0.5 / <0.5	--	--	--	--	<0.5 / <0.5	--	--
MW-2R	10/18/2018	--	--	--	--	--	--	--	--	--	<0.2 / <0.2	--	--	--	--	<0.2 / <0.2	--	--
MW-2R	4/9/2019	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	<0.4 J	--	--
MW-2R	9/11/2019	--	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	<0.5 B	--	--
MW-2R	4/22/2020	<1.00	<1.00 J	<1.00	<1.00	<1.00 J	**16.2**	**2.99**	<10.0	<10.0	<5.00	**17.8**	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
MW-2R	10/9/2020	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**42.5 [41.7]**	**18.2 [18.0]**	<10.0 [<10.0]	<10.0 [<10.0]	<5.00 [<5.00]	**101 [96.7]**	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 [<1.00]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	4/7/2021	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**39.3 [34.6]**	**2.21 [<1.00]**	<10.0 [<10.0]	<10.0 [<10.0]	<5.00 [<5.00]	**57.9 [58.9]**	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 [<1.00]***	**0.422 J** [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	8/26/2021	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**43.3 J [42.6 J]**	**31.5 [29.5]**	<10.0 [<10.0]	<10.0 [<10.0]	<5.00 [<5.00]	**100 J [94.5 J]**	<1.00 [<1.00]	<1.00 J [<1.00 J]	***<1.00 [<1.00]***	<1.00 J [<1.00 J]	<1.00 [<1.00]	<1.00 [<1.00]
MW-2R	04/04/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 J [<1.00 J]	**37.7 [43.5]**	**2.73 J [3.00 J]**	<10.0 J [<10.0 J]	<10.0 J [<10.0 J]	<5.00 [<5.00]	**81.0 J [85.4 J]**	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 J [<1.00 J]***	<1.00 [<1.00]	<1.00 J [<1.00 J]	<1.00 J [<1.00 J]
MW-2R	8/16/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**22.5 [25.2]**	**18.7 [20.5]**	<10.0 [<10.0]	<10.0 [<10.0]	<5.00 [<5.00]	**56.2 [63.3]**	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 [<1.00]***	**0.318 J** [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-8RR	7/26/2011	--	--	--	--	--	--	--	--	--	<4.00	--	--	--	--	**0.011**	--	--
MW-8RR	11/10/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
MW-8RR	6/20/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**<0.8 J**	--	--
MW-8RR	11/8/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**2.00 J**	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**1.9**	--	--
MW-8RR	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**2.0**	--	--
MW-8RR	11/8/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**3.2**	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**4.2**	--	--
MW-8RR	4/28/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**4.2**	--	--
MW-8RR	11/7/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**2.4**	--	--
MW-8RR	4/29/2015	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**1**	--	--
MW-8RR	11/6/2015	--	--	--	--	--	--	--	--	--	<4.00	--	--	--	--	<1.00	--	--
MW-8RR	4/21/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**2.00**	--	--
MW-8RR	11/1/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**4.00**	--	--
MW-8RR	5/1/2017	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	**4.00**	--	--
MW-8RR	10/17/2017	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	**3.00**	--	--
MW-8RR	4/27/2018	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	**2.00**	--	--
MW-8RR	10/18/2018	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	**3.00**	--	--
MW-8RR	4/9/2019	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	**3.00 J**	--	--
MW-8RR	9/11/2019	--	--	--	--	--	--	--	--	--	<1.4 / <1.4	--	--	--	--	**1.8 / 1.7**	--	--
MW-8RR	4/22/2020	<1.00	<1.00 J	<1.00	<1.00	<1.00 J	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**2.08 J**	<1.00	<1.00
MW-8RR	10/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**2.87 J**	<1.00	<1.00
MW-8RR	4/7/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8RR	8/26/2021	<1.00 J	<1.00	<1.00	<1.00 J	<1.00	**0.295 J**	**0.796 J**	<10.0	<10.0	<5.00	**1.08 J**	<1.00	<1.00 J	***<1.00***	**1.59 J**	<1.00	<1.00
MW-8RR	04/04/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<1.00 J	<10.0 J	<10.0 J	<5.00	**0.124 J**	<1.00	<1.00	***<1.00 J***	**1.83**	<1.00 J	<1.00 J
MW-8RR	8/16/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.136 J**	**0.135 J**	<10.0	<10.0	<5.00	**0.139 J**	<1.00	<1.00	***<1.00***	**3.82**	<1.00	<1.00
MW-9	2/1/1992	--	--	--	--	--	--	--	--	--	**--**	--	--	--	--	**--**	--	--
MW-9	5/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/22/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/23/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (Freon 11) (µg/L)	1,2,3-Trichloropropane (µg/L)	1,1,2-Trichlorotrifluoroethane (Freon 113) (µg/L)	1,2,3-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Vinyl chloride (Chloroethene) (µg/L)	Comments
ADEC Groundwater Cleanup Levels		**8,000**	**0.41**	**2.8**	**5,200**	**0.0075**	**10,000**	**--**	**56**	**60**	**0.19**	
MW-2R	11/6/2015	--	--	<1.00 / <1.00	--	--	--	--	--	--	--	
MW-2R	4/21/2016	--	--	<0.50 / <5.00	--	--	--	--	--	--	--	
MW-2R	11/1/2016	--	--	<0.50 / <0.50	--	--	--	--	--	--	--	
MW-2R	5/1/2017	--	--	<0.50 / <0.50	--	--	--	--	--	--	--	
MW-2R	10/17/2017	--	--	<0.50 / <0.50	--	--	--	--	--	--	--	
MW-2R	4/27/2018	--	--	<0.50 / <0.50	--	--	--	--	--	--	--	
MW-2R	10/18/2018	--	--	<0.20 / <0.20	--	--	--	--	--	--	--	
MW-2R	4/9/2019	--	--	<0.20	--	--	--	--	--	--	--	
MW-2R	9/11/2019	--	--	**0.11 J**	--	--	--	--	--	--	--	
MW-2R	4/22/2020	<1.00	***<1.00***	<1.00	<5.00	***<0.100 J***	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-2R	10/9/2020	<1.00 [<1.00]	***<1.00 [<1.00]***	<1.00 [<1.00]	<5.00 [<5.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	**4.19 [4.12]**	**151 [145]**	**18.1 [17.1]**	***<1.00 [<1.00]***	
MW-2R	4/7/2021	<1.00 [<1.00]	***<1.00 [<1.00]***	**0.555 J** [<1.00]	<5.00 [<5.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	**3.98 [3.99]**	**56.3 [56.7]**	**13.8 [13.2]**	***<1.00 [<1.00]***	
MW-2R	8/26/2021	<1.00 [<1.00]	***<1.00 [<1.00]***	<1.00 [<1.00]	<5.00 [<5.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	**4.53 [4.37]**	**92 [85.3]**	**58.1 [53.7]**	***<1.00 [<1.00]***	
MW-2R	04/04/2022	<1.00 [<1.00]	***<1.00 [<1.00]***	<1.00 [<1.00]	<5.00 [<5.00]	***<0.125 [<0.125]***	<1.00 [<1.00]	**2.94 J [3.12 J]**	**17.8 J [19.5 J]**	**1.08 J [1.86 J]**	***<1.00 [<1.00]***	
MW-2R	8/16/2022	<1.00 [<1.00]	***<1.00 [<1.00]***	<1.00 [<1.00]	<5.00 [<5.00]	***<0.250 [<0.250]***	<1.00 [<1.00]	**5.52 [6.34]**	**82.4 [91.9]**	<1.00 [<1.00]	***<1.00 [<1.00]***	
MW-8RR	7/26/2011	--	--	<2.00	--	--	--	--	--	--	--	
MW-8RR	11/10/2011	--	--	<1.00	--	--	--	--	--	--	--	
MW-8RR	6/20/2012	--	--	<1.00	--	--	--	--	--	--	--	
MW-8RR	11/8/2012	--	--	<1.00	--	--	--	--	--	--	--	
MW-8RR	4/30/2013	--	--	<0.083	--	--	--	--	--	--	--	
MW-8RR	4/30/2013	--	--	<0.083	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-8RR	11/8/2013	--	--	<0.120	--	--	--	--	--	--	--	
MW-8RR	4/28/2014	--	--	<0.091	--	--	--	--	--	--	--	
MW-8RR	4/28/2014	--	--	<0.091	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-8RR	11/7/2014	--	--	<0.091	--	--	--	--	--	--	--	
MW-8RR	4/29/2015	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	11/6/2015	--	--	<1.00	--	--	--	--	--	--	--	
MW-8RR	4/21/2016	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	11/1/2016	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	5/1/2017	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	10/17/2017	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	4/27/2018	--	--	<0.5	--	--	--	--	--	--	--	
MW-8RR	10/18/2018	--	--	<0.2	--	--	--	--	--	--	--	
MW-8RR	4/9/2019	--	--	<0.2	--	--	--	--	--	--	--	
MW-8RR	9/11/2019	--	--	**0.057 J / 0.070 J**	--	--	--	--	--	--	--	
MW-8RR	4/22/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500 J	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-8RR	10/9/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-8RR	4/7/2021	--	--	--	--	--	--	--	--	--	--	Unable to be located
MW-8RR	8/26/2021	<1.00	***<1.00***	<1.00 J	<5.00	<0.00500	<1.00 J	<1.00	**0.995 J**	**0.645 J**	***<1.00 J***	
MW-8RR	04/04/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00 J	<1.00 J	<1.00 J	***<1.00***	
MW-8RR	8/16/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	**0.440 J**	**0.396 J**	**0.123 J**	***<1.00***	
MW-9	2/1/1992	--	--	**--**	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	5/1/1992	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	9/1/1992	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	11/1/1992	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	5/1/1993	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	8/1/1993	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	11/1/1993	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	3/1/1994	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	6/1/1994	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	8/1/1994	--	--	--	--	--	--	--	--	--	--	Sample date accurate to month and year only
MW-9	12/22/1994	--	--	--	--	--	--	--	--	--	--	
MW-9	3/31/1995	--	--	--	--	--	--	--	--	--	--	
MW-9	6/20/1995	--	--	--	--	--	--	--	--	--	--	
MW-9	8/23/1995	--	--	--	--	--	--	--	--	--	--	
MW-9	11/16/1995	--	--	--	--	--	--	--	--	--	--	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acetone (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Bromobenzene (µg/L)	Bromochloromethane (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (Methyl bromide) (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chlorodibromo-methane (Dibromochloro-methane) (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (Methyl chloride) (µg/L)
ADEC Groundwater Cleanup Levels		**14,000**	**--**	**--**	**62**	**--**	**1.3**	**33**	**7.5**	**1,000**	**2,000**	**690**	**810**	**4.6**	**78**	**8.7**	**21,000**	**2.2**	**190**
MW-9	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/19/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/20/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/5/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/24/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/10/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/8/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/7/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/29/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/6/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/21/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/17/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/27/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/18/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/9/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/22/2020	<50.0 [<50.0]	<50.0 [<50.0]	<10.0 [<10.0]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	***<5.00 [<5.00]***	<2.50 [<2.50]
MW-9	10/9/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-9	4/7/2021	<50.0 J	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-9	8/26/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00 J	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-9	04/04/2022	<50.0 J	<50.0 J	<10.0 J	<1.00 J	<1.00	<1.00	<1.00 J	<5.00	<1.00 J	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
MW-9	8/16/2022	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	2-Chlorotoluene (o-Chlorotoluene)	4-Chlorotoluene (p-Chlorotoluene)	1,2-Dibromo-3-chloropropane	Dibromomethane (Methylene bromide)	1,2-Dibromomethane	1,2-Dichlorobenzene (o-Dichlorobenzene)	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane (Freon 12)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene)	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**8.3**	**0.075**	**300**	**300**	**4.8**	**200**	**28**	**1.7**	**280**	**36**	**360**	**8.2**	**--**	**--**
MW-9	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/19/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2008	--	--	--	--	--	--	--	--	--	--	<5.00	--	**119**	--	--	--	--
MW-9	7/15/2008	--	--	--	--	--	--	--	--	--	--	<0.50	--	**97**	--	--	--	--
MW-9	5/14/2009	--	--	--	--	--	--	--	--	--	--	<0.50	--	**64**	--	--	--	--
MW-9	8/26/2009	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
MW-9	4/20/2010	--	--	--	--	--	--	--	--	--	--	<0.50	--	**130.0**	--	--	--	--
MW-9	9/5/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/24/2011	--	--	--	--	--	--	--	--	--	--	<0.50	--	**32**	--	--	--	--
MW-9	11/10/2011	--	--	--	--	--	--	--	--	--	--	<0.50	--	**13**	--	--	--	--
MW-9	6/20/2012	--	--	--	--	--	--	--	--	--	--	<0.50	--	**14.0**	--	--	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	--	--	<0.370	--	**114**	--	--	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	--	--	<0.370	--	**112**	--	--	--	--
MW-9	11/8/2013	--	--	--	--	--	--	--	--	--	--	<0.220	--	**13.0**	--	--	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	--	--	<0.13	--	**64.0**	--	--	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	--	--	<0.13	--	**6.7**	--	--	--	--
MW-9	11/7/2014	--	--	--	--	--	--	--	--	--	--	<0.13	--	**40.0**	--	--	--	--
MW-9	4/29/2015	--	--	--	--	--	--	--	--	--	--	<0.50	--	**5.0**	--	--	--	--
MW-9	11/6/2015	--	--	--	--	--	--	--	--	--	--	<1.00	--	**78.0**	--	--	--	--
MW-9	4/21/2016	--	--	--	--	--	--	--	--	--	--	<0.500	--	**7.0**	--	--	--	--
MW-9	11/1/2016	--	--	--	--	--	--	--	--	--	--	<0.500	--	**7.0**	--	--	--	--
MW-9	5/1/2017	--	--	--	--	--	--	--	--	--	--	<3.00	--	**30.0**	--	--	--	--
MW-9	10/17/2017	--	--	--	--	--	--	--	--	--	--	<0.50	--	**10.0**	--	--	--	--
MW-9	4/27/2018	--	--	--	--	--	--	--	--	--	--	<0.50	--	**39.0**	--	--	--	--
MW-9	10/18/2018	--	--	--	--	--	--	--	--	--	--	<2.00	--	**64.0**	--	--	--	--
MW-9	4/9/2019	--	--	--	--	--	--	--	--	--	--	<0.300	--	**67.0**	--	--	--	--
MW-9	9/11/2019	--	--	--	--	--	--	--	--	--	--	<0.024	--	**58.0**	--	--	--	--
MW-9	4/22/2020	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	***<0.500 J [<0.500 J]***	**0.195 J [0.177 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**58.0 [58.1]**	**0.393 J [0.389 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-9	10/9/2020	<1.00	<1.00	<5.00	<1.00	***<0.250 J***	<1.00	<1.00	<1.00	<5.00 J	<1.00	<1.00	<1.00	**41.3**	**0.209 J**	<1.00	<1.00	<1.00
MW-9	4/7/2021	<1.00	<1.00	<5.00	<1.00	***<0.250***	**0.114 J**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	**49.0**	**0.319 J**	<1.00	<1.00	<1.00
MW-9	8/26/2021	<1.00	<1.00	<5.00	<1.00	***<0.125***	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	**37.6**	**0.275 J**	<1.00	<1.00	<1.00
MW-9	04/04/2022	<1.00 J	<1.00 J	<5.00 J	<1.00	***<0.125***	<1.00 J	<1.00 J	<1.00 J	<5.00	<1.00	<1.00	<1.00	**26.3**	<1.00	<1.00	<1.00	<1.00
MW-9	8/16/2022	<1.00	<1.00	<5.00	<1.00	***<0.0500***	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	**29.1**	**0.179 J**	<1.00	<1.00	<1.00

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Di-isopropyl ether (µg/L)	Hexachloro-1,3-butadiene (Hexachlorobutadiene) (µg/L)	Isopropylbenzene (Cumene) (µg/L)	p-Isopropyltoluene (µg/L)	2-Butanone (Methyl ethyl ketone) (µg/L)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (µg/L)	Methylene chloride (µg/L)	n-Propylbenzene (Propylbenzene) (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**--**	**1.4**	**450**	**--**	**5,600**	**6,300**	**110**	**660**	**1,200**	**5.7**	**0.76**	**41**	**7**	**4**
MW-9	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/19/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/1/2008	--	--	--	--	--	--	--	--	<5.00	--	--	--	--	--	**270**	--	--
MW-9	7/15/2008	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**210**	--	--
MW-9	5/14/2009	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**97**	--	--
MW-9	8/26/2009	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**200**	--	--
MW-9	4/20/2010	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**0.28 J**	--	--
MW-9	9/5/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/24/2011	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**55**	--	--
MW-9	11/10/2011	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**34**	--	--
MW-9	6/20/2012	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**13**	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**293**	--	--
MW-9	4/30/2013	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**216**	--	--
MW-9	11/8/2013	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**24**	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**180**	--	--
MW-9	4/28/2014	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**18**	--	--
MW-9	11/7/2014	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**120**	--	--
MW-9	4/29/2015	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**8**	--	--
MW-9	11/6/2015	--	--	--	--	--	--	--	--	<4.00	--	--	--	--	--	**120**	--	--
MW-9	4/21/2016	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**12**	--	--
MW-9	11/1/2016	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	--	**12**	--	--
MW-9	5/1/2017	--	--	--	--	--	--	--	--	<10.0	--	--	--	--	--	**26**	--	--
MW-9	10/17/2017	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	--	**12**	--	--
MW-9	4/27/2018	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	--	**54**	--	--
MW-9	10/18/2018	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	**82**	--	--
MW-9	4/9/2019	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	**85**	--	--
MW-9	9/11/2019	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	--	**68**	--	--
MW-9	4/22/2020	<1.00 [<1.00]	<1.00 J [<1.00 J]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 J [<1.00 J]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	<10.0 [<10.0]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 [<1.00]***	**82.8 [80.5]**	<1.00 [<1.00]	<1.00 [<1.00]
MW-9	10/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**71.9**	<1.00	<1.00
MW-9	4/7/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**92.2 J**	<1.00	<1.00
MW-9	8/26/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<10.0	<10.0	<5.00	<1.00 J	<1.00	<1.00 J	***<1.00***	**45.2 J**	<1.00	<1.00
MW-9	04/04/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<1.00 J	<10.0 J	<10.0 J	<5.00	<1.00 J	<1.00	<1.00	***<1.00 J***	**37.3**	<1.00 J	<1.00 J
MW-9	8/16/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	**46.1**	<1.00	<1.00

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane (Freon 11)	1,2,3-Trichloropropane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride (Chloroethene)	Comments
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
ADEC Groundwater Cleanup Levels		**8,000**	**0.41**	**2.8**	**5,200**	**0.0075**	**10,000**	**--**	**56**	**60**	**0.19**	
MW-9	1/30/1996	--	--	--	--	--	--	--	--	--	--	
MW-9	6/2/1996	--	--	--	--	--	--	--	--	--	--	
MW-9	8/26/1996	--	--	--	--	--	--	--	--	--	--	
MW-9	10/16/1996	--	--	--	--	--	--	--	--	--	--	
MW-9	4/28/1997	--	--	--	--	--	--	--	--	--	--	
MW-9	9/10/1997	--	--	--	--	--	--	--	--	--	--	
MW-9	4/19/1998	--	--	--	--	--	--	--	--	--	--	
MW-9	9/23/1998	--	--	--	--	--	--	--	--	--	--	
MW-9	4/28/1999	--	--	--	--	--	--	--	--	--	--	
MW-9	10/13/1999	--	--	--	--	--	--	--	--	--	--	
MW-9	5/19/2000	--	--	--	--	--	--	--	--	--	--	
MW-9	9/27/2000	--	--	--	--	--	--	--	--	--	--	
MW-9	5/5/2001	--	--	--	--	--	--	--	--	--	--	
MW-9	8/2/2001	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-9	10/2/2001	--	--	--	--	--	--	--	--	--	--	
MW-9	5/1/2002	--	--	--	--	--	--	--	--	--	--	
MW-9	9/20/2002	--	--	--	--	--	--	--	--	--	--	
MW-9	5/20/2003	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-9	10/2/2003	--	--	--	--	--	--	--	--	--	--	
MW-9	6/1/2004	--	--	--	--	--	--	--	--	--	--	
MW-9	9/21/2004	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-9	5/12/2005	--	--	--	--	--	--	--	--	--	--	
MW-9	9/19/2005	--	--	--	--	--	--	--	--	--	--	
MW-9	5/8/2006	--	--	--	--	--	--	--	--	--	--	
MW-9	9/24/2006	--	--	--	--	--	--	--	--	--	--	
MW-9	5/14/2007	--	--	--	--	--	--	--	--	--	--	
MW-9	9/21/2007	--	--	--	--	--	--	--	--	--	--	
MW-9	5/1/2008	--	--	**50**	--	--	--	--	--	--	--	
MW-9	7/15/2008	--	--	**43**	--	--	--	--	--	--	--	
MW-9	5/14/2009	--	--	**25**	--	--	--	--	--	--	--	
MW-9	8/26/2009	--	--	**36**	--	--	--	--	--	--	--	
MW-9	4/20/2010	--	--	**44**	--	--	--	--	--	--	--	
MW-9	9/5/2010	--	--	--	--	--	--	--	--	--	--	
MW-9	5/24/2011	--	--	**11**	--	--	--	--	--	--	--	
MW-9	11/10/2011	--	--	**5**	--	--	--	--	--	--	--	
MW-9	6/20/2012	--	--	**6**	--	--	--	--	--	--	--	
MW-9	4/30/2013	--	--	**49.2**	--	--	--	--	--	--	--	
MW-9	4/30/2013	--	--	**44.1**	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-9	11/8/2013	--	--	**5.5**	--	--	--	--	--	--	--	
MW-9	4/28/2014	--	--	**33**	--	--	--	--	--	--	--	
MW-9	4/28/2014	--	--	<4.1	--	--	--	--	--	--	--	Sample collected via hydrasleeve
MW-9	11/7/2014	--	--	**23**	--	--	--	--	--	--	--	
MW-9	4/29/2015	--	--	**3**	--	--	--	--	--	--	--	
MW-9	11/6/2015	--	--	**25**	--	--	--	--	--	--	--	
MW-9	4/21/2016	--	--	**3**	--	--	--	--	--	--	--	
MW-9	11/1/2016	--	--	**3**	--	--	--	--	--	--	--	
MW-9	5/1/2017	--	--	**8**	--	--	--	--	--	--	--	
MW-9	10/17/2017	--	--	**3**	--	--	--	--	--	--	--	
MW-9	4/27/2018	--	--	**14**	--	--	--	--	--	--	--	
MW-9	10/18/2018	--	--	**22**	--	--	--	--	--	--	--	
MW-9	4/9/2019	--	--	**23**	--	--	--	--	--	--	--	
MW-9	9/11/2019	--	--	**22**	--	--	--	--	--	--	--	
MW-9	4/22/2020	<1.00 [<1.00]	***<1.00 [<1.00]***	**21.9 [21.6]**	<5.00 [<5.00]	***<0.50 J [<0.50 J]***	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	***<1.00 [<1.00]***	
MW-9	10/9/2020	<1.00	***<1.00***	**18.5 J**	<5.00	**1.25 J**	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-9	4/7/2021	<1.00	***<1.00***	**20.2**	<5.00	***<0.250***	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-9	8/26/2021	<1.00	***<1.00***	**13.5**	<5.00	***<0.125***	<1.00	<1.00	<1.00	<1.00	***<1.00***	
MW-9	04/04/2022	<1.00	***<1.00***	**10.1**	<5.00	***<0.125***	<1.00	<1.00 J	<1.00 J	<1.00 J	***<1.00***	<0.000125
MW-9	8/16/2022	<1.00	***<1.00***	**11.1**	<5.00	***<0.0500***	<1.00	<1.00	<1.00	<1.00	***<1.00***	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acetone (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Bromobenzene (µg/L)	Bromochloromethane (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (Methyl bromide) (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chlorodibromo-methane (Dibromochloro-methane) (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (Methyl chloride) (µg/L)
ADEC Groundwater Cleanup Levels		**14,000**	**--**	**--**	**62**	**--**	**1.3**	**33**	**7.5**	**1,000**	**2,000**	**690**	**810**	**4.6**	**78**	**8.7**	**21,000**	**2.2**	**190**
MW-16	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/14/2009	--				--	--	--	--				--	--	--	--	--	--	--
MW-17	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	09/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	2-Chlorotoluene (o-Chlorotoluene)	4-Chlorotoluene (p-Chlorotoluene)	1,2-Dibromo-3-chloropropane	Dibromomethane (Methylene bromide)	1,2-Dibromomethane	1,2-Dichlorobenzene (o-Dichlorobenzene)	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane (Freon 12)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene)	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**8.3**	**0.075**	**300**	**300**	**4.8**	**200**	**28**	**1.7**	**280**	**36**	**360**	**8.2**	**--**	**--**
MW-16	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	**0.102**	--	--	--	--
MW-16	5/14/2009					--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	09/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Di-isopropyl ether (µg/L)	Hexachloro-1,3-butadiene (Hexachlorobutadiene) (µg/L)	Isopropylbenzene (Cumene) (µg/L)	p-Isopropyltoluene (µg/L)	2-Butanone (Methyl ethyl ketone) (µg/L)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (µg/L)	Methylene chloride (µg/L)	n-Propylbenzene (Propylbenzene) (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**--**	**1.4**	**450**	**--**	**5,600**	**6,300**	**110**	**660**	**1,200**	**5.7**	**0.76**	**41**	**7**	**4**
MW-16	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/02/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/1/2008	--	--	--	--	--	--	--	--	--	<5.00	--	--	--	--	**197**	--	--
MW-16	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	8/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/1/2008	--	--	--	--	--	--	--	--	--	<5.00	--	--	--	--	<0.005	--	--
MW-17	5/14/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	1/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	8/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/16/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/10/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/19/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	09/23/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/13/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/20/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/20/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/1/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/12/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/8/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (Freon 11) (µg/L)	1,2,3-Trichloropropane (µg/L)	1,1,2-Trichlorotrifluoroethane (Freon 113) (µg/L)	1,2,3-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Vinyl chloride (Chloroethene) (µg/L)	Comments
ADEC Groundwater Cleanup Levels		**8,000**	**0.41**	**2.8**	**5,200**	**0.0075**	**10,000**	**--**	**56**	**60**	**0.19**	
MW-16	8/2/2001	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-16	10/02/2001	--	--	--	--	--	--	--	--	--	--	
MW-16	5/1/2002	--	--	--	--	--	--	--	--	--	--	
MW-16	9/20/2002	--	--	--	--	--	--	--	--	--	--	
MW-16	5/20/2003	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-16	10/02/2003	--	--	--	--	--	--	--	--	--	--	
MW-16	6/1/2004	--	--	--	--	--	--	--	--	--	--	
MW-16	9/21/2004	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-16	5/12/2005	--	--	--	--	--	--	--	--	--	--	
MW-16	9/19/2005	--	--	--	--	--	--	--	--	--	--	
MW-16	5/8/2006	--	--	--	--	--	--	--	--	--	--	
MW-16	9/24/2006	--	--	--	--	--	--	--	--	--	--	
MW-16	5/14/2007	--	--	--	--	--	--	--	--	--	--	
MW-16	9/12/2007	--	--	--	--	--	--	--	--	--	--	
MW-16	5/1/2008	--	--	**34.6**	--	--	--	--	--	--	--	
MW-16	5/14/2009	--	--	--	--	--	--	--	--	--	--	
MW-17	8/2/2001	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-17	10/2/2001	--	--	--	--	--	--	--	--	--	--	
MW-17	5/1/2002	--	--	--	--	--	--	--	--	--	--	
MW-17	9/20/2002	--	--	--	--	--	--	--	--	--	--	
MW-17	5/20/2003	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-17	10/2/2003	--	--	--	--	--	--	--	--	--	--	
MW-17	6/1/2004	--	--	--	--	--	--	--	--	--	--	
MW-17	9/21/2004	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
MW-17	5/12/2005	--	--	--	--	--	--	--	--	--	--	
MW-17	9/19/2005	--	--	--	--	--	--	--	--	--	--	
MW-17	5/8/2006	--	--	--	--	--	--	--	--	--	--	
MW-17	9/24/2006	--	--	--	--	--	--	--	--	--	--	
MW-17	5/14/2007	--	--	--	--	--	--	--	--	--	--	
MW-17	9/21/2007	--	--	--	--	--	--	--	--	--	--	
MW-17	5/1/2008	--	--	<0.005	--	--	--	--	--	--	--	
MW-17	5/14/2009	--	--	--	--	--	--	--	--	--	--	
Trip Blank	1/30/1996	--	--	--	--	--	--	--	--	--	--	
Trip Blank	6/2/1996	--	--	--	--	--	--	--	--	--	--	
Trip Blank	8/26/1996	--	--	--	--	--	--	--	--	--	--	
Trip Blank	10/16/1996	--	--	--	--	--	--	--	--	--	--	
Trip Blank	4/28/1997	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/10/1997	--	--	--	--	--	--	--	--	--	--	
Trip Blank	4/19/1998	--	--	--	--	--	--	--	--	--	--	
Trip Blank	09/23/1998	--	--	--	--	--	--	--	--	--	--	
Trip Blank	4/28/1999	--	--	--	--	--	--	--	--	--	--	
Trip Blank	10/13/1999	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/27/2000	--	--	--	--	--	--	--	--	--	--	
Trip Blank	5/5/2001	--	--	--	--	--	--	--	--	--	--	
Trip Blank	10/2/2001	--	--	--	--	--	--	--	--	--	--	
Trip Blank	5/1/2002	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/20/2002	--	--	--	--	--	--	--	--	--	--	
Trip Blank	5/20/2003	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
Trip Blank	10/2/2003	--	--	--	--	--	--	--	--	--	--	
Trip Blank	6/1/2004	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/21/2004	--	--	--	--	--	--	--	--	--	--	Sample date defaulted to first date listed in historical data table
Trip Blank	5/12/2005	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/19/2005	--	--	--	--	--	--	--	--	--	--	
Trip Blank	5/8/2006	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/24/2006	--	--	--	--	--	--	--	--	--	--	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	Acetone (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Bromobenzene (µg/L)	Bromochloromethane (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (Methyl bromide) (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chlorodibromo-methane (Dibromochloro-methane) (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (Methyl chloride) (µg/L)
ADEC Groundwater Cleanup Levels		**14,000**	**--**	**--**	**62**	**--**	**1.3**	**33**	**7.5**	**1,000**	**2,000**	**690**	**810**	**4.6**	**78**	**8.7**	**21,000**	**2.2**	**190**
Trip Blank	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/30/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	8/19/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/20/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/10/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	8/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/24/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	7/26/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	11/10/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	6/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	11/5/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	11/8/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/28/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	11/7/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/21/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	11/1/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/27/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	10/18/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/3/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/11/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	4/22/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Trip Blank	10/9/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Trip Blank	4/7/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Trip Blank	8/26/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00 J	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Trip Blank	04/04/2022	<50.0 J	<50.0 J	<10.0 J	<1.00 J	<1.00	<1.00	<1.00 J	<5.00	<1.00 J	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Trip Blank	8/16/2022	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Tudor Motel	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tudor Motel	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tudor Motel	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Equipment Blank	4/22/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Equipment Blank	10/9/2020	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Equipment Blank	4/7/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Equipment Blank	8/26/2021	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00 J	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Equipment Blank	04/04/2022	<50.0 J	<50.0 J	<10.0 J	<1.00 J	<1.00	<1.00	<1.00 J	<5.00	<1.00 J	<1.00 J	<1.00 J	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50
Equipment Blank	8/16/2022	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	***<5.00***	<2.50

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	2-Chlorotoluene (o-Chlorotoluene)	4-Chlorotoluene (p-Chlorotoluene)	1,2-Dibromo-3-chloropropane	Dibromomethane (Methylene bromide)	1,2-Dibromomethane	1,2-Dichlorobenzene (o-Dichlorobenzene)	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane (Freon 12)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene)	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**8.3**	**0.075**	**300**	**300**	**4.8**	**200**	**28**	**1.7**	**280**	**36**	**360**	**8.2**	**--**	**--**
Trip Blank	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2008	--	--	--	--	--	--	--	--	--	--	<5.00	--	<0.07	--	--	--	--
Trip Blank	7/15/2008	--	--	--	--	--	--	--	--	--	--	<5.00	--	<0.07	--	--	--	--
Trip Blank	4/30/2009	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	8/19/2009	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	4/20/2010	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	6/10/2010	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	8/27/2010	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	5/24/2011	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	7/26/2011	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	11/10/2011	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	6/20/2012	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	11/5/2012	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.8	--	--	--	--
Trip Blank	4/30/2013	--	--	--	--	--	--	--	--	--	--	<0.37	--	<0.085	--	--	--	--
Trip Blank	11/8/2013	--	--	--	--	--	--	--	--	--	--	<0.22	--	<0.23	--	--	--	--
Trip Blank	4/28/2014	--	--	--	--	--	--	--	--	--	--	<0.13	--	<0.13	--	--	--	--
Trip Blank	11/7/2014	--	--	--	--	--	--	--	--	--	--	<0.13	--	<0.13	--	--	--	--
Trip Blank	4/21/2016	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.5	--	--	--	--
Trip Blank	11/1/2016	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.5	--	--	--	--
Trip Blank	5/1/2017	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.5	--	--	--	--
Trip Blank	4/27/2018	--	--	--	--	--	--	--	--	--	--	<0.50	--	<0.5	--	--	--	--
Trip Blank	10/18/2018	--	--	--	--	--	--	--	--	--	--	<2.00	--	<0.2	--	--	--	--
Trip Blank	4/3/2019	--	--	--	--	--	--	--	--	--	--	<0.30	--	<0.2	--	--	--	--
Trip Blank	9/11/2019	--	--	--	--	--	--	--	--	--	--	<0.024	--	<0.69	--	--	--	--
Trip Blank	4/22/2020	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trip Blank	10/9/2020	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trip Blank	4/7/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trip Blank	8/26/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trip Blank	04/04/2022	<1.00 J	<1.00 J	<5.00 J	<1.00	<0.00500	<1.00 J	<1.00 J	<1.00 J	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trip Blank	8/16/2022	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Tudor Motel	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tudor Motel	5/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tudor Motel	7/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Equipment Blank	4/22/2020	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Equipment Blank	10/9/2020	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Equipment Blank	4/7/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Equipment Blank	8/26/2021	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Equipment Blank	04/04/2022	<1.00 J	<1.00 J	<5.00 J	<1.00	<0.00500	<1.00 J	<1.00 J	<1.00 J	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Equipment Blank	8/16/2022	<1.00	<1.00	<5.00	<1.00	<0.00500	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Di-isopropyl ether (µg/L)	Hexachloro-1,3-butadiene (Hexachlorobutadiene) (µg/L)	Isopropylbenzene (Cumene) (µg/L)	p-Isopropyltoluene (µg/L)	2-Butanone (Methyl ethyl ketone) (µg/L)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (µg/L)	Methylene chloride (µg/L)	n-Propylbenzene (Propylbenzene) (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)
ADEC Groundwater Cleanup Levels		**--**	**--**	**--**	**--**	**1.4**	**450**	**--**	**5,600**	**6,300**	**110**	**660**	**1,200**	**5.7**	**0.76**	**41**	**7**	**4**
Trip Blank	5/14/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	9/21/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trip Blank	5/1/2008	--	--	--	--	--	--	--	--	--	<5.00	--	--	--	--	<5.00	--	--
Trip Blank	7/15/2008	--	--	--	--	--	--	--	--	--	<5.00	--	--	--	--	<5.00	--	--
Trip Blank	4/30/2009	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	8/19/2009	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	4/20/2010	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	6/10/2010	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	8/27/2010	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	5/24/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	7/26/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	11/10/2011	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	6/20/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	11/5/2012	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.8	--	--
Trip Blank	4/30/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.13	--	--
Trip Blank	11/8/2013	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.29	--	--
Trip Blank	4/28/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.16	--	--
Trip Blank	11/7/2014	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.16	--	--
Trip Blank	4/21/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
Trip Blank	11/1/2016	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
Trip Blank	5/1/2017	--	--	--	--	--	--	--	--	--	<2.00	--	--	--	--	<0.5	--	--
Trip Blank	4/27/2018	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	<0.5	--	--
Trip Blank	10/18/2018	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	<0.2	--	--
Trip Blank	4/3/2019	--	--	--	--	--	--	--	--	--	<0.300	--	--	--	--	<0.2	--	--
Trip Blank	9/11/2019	--	--	--	--	--	--	--	--	--	<1.40	--	--	--	--	**20 J**	--	--
Trip Blank	4/22/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Trip Blank	10/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Trip Blank	4/7/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Trip Blank	8/26/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<10.0	<10.0	<5.00	<1.00 J	<1.00	<1.00 J	***<1.00***	<1.00 J	<1.00	<1.00
Trip Blank	04/04/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<1.00 J	<10.0 J	<10.0 J	<5.00	<1.00 J	<1.00	<1.00	***<1.00 J***	<1.00	<1.00 J	<1.00 J
Trip Blank	8/16/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Tudor Motel	9/21/2007	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	<0.0001	--	--
Tudor Motel	5/1/2008	--	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	<0.005	--	--
Tudor Motel	7/15/2008	--	--	--	--	--	--	--	--	--	<0.50	--	--	--	--	<0.0001	--	--
Equipment Blank	4/22/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Equipment Blank	10/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Equipment Blank	4/7/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00
Equipment Blank	8/26/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<10.0	<10.0	<5.00	<1.00 J	<1.00	<1.00 J	***<1.00***	<1.00 J	<1.00	<1.00
Equipment Blank	04/04/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J	<1.00	<1.00 J	<10.0 J	<10.0 J	<5.00	<1.00 J	<1.00	<1.00	***<1.00 J***	<1.00	<1.00 J	<1.00 J
Equipment Blank	8/16/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<5.00	<1.00	<1.00	<1.00	***<1.00***	<1.00	<1.00	<1.00

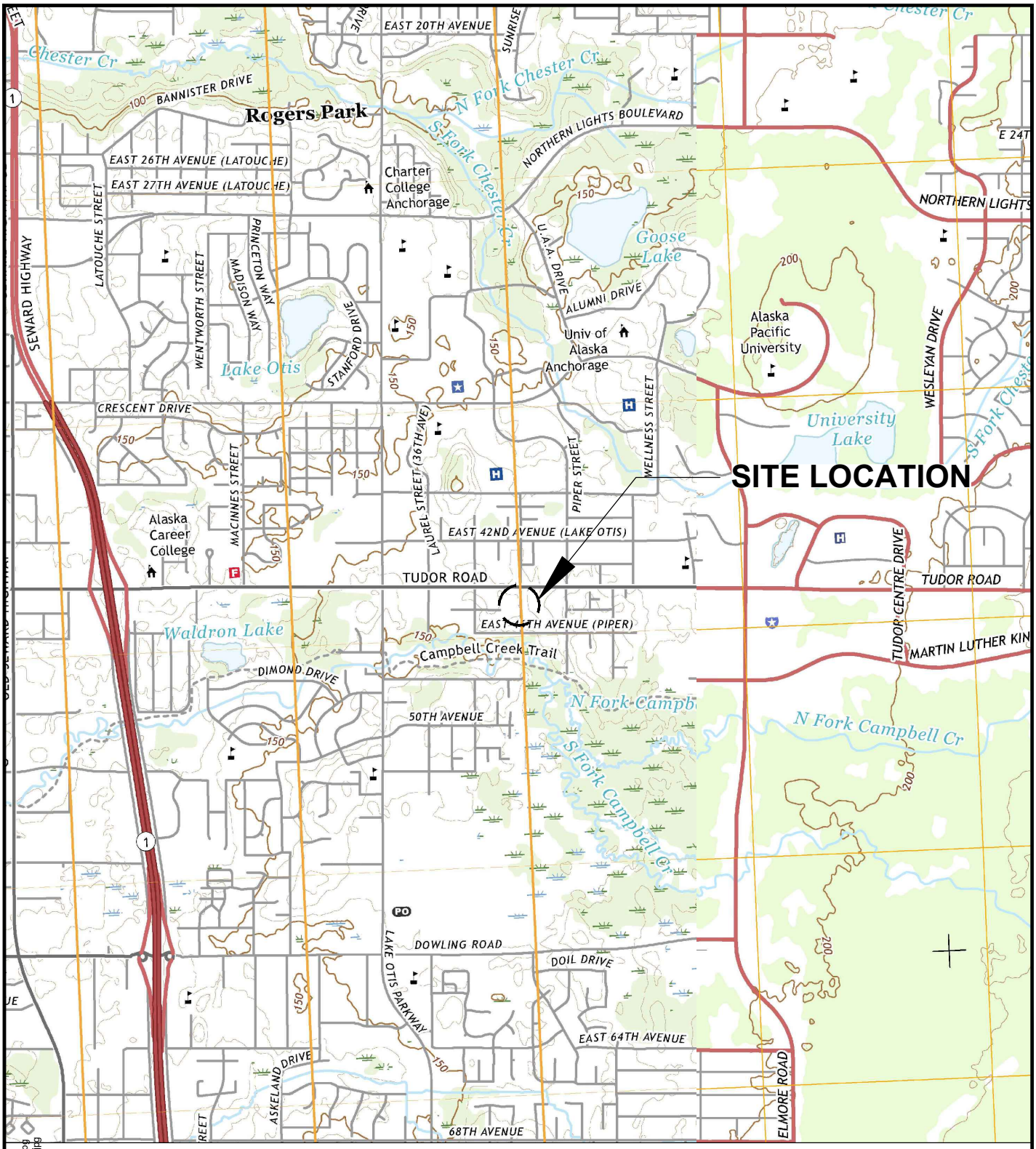
Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Well ID	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (Freon 11) (µg/L)	1,2,3-Trichloropropane (µg/L)	1,1,2-Trichlorotrifluoroethane (Freon 113) (µg/L)	1,2,3-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Vinyl chloride (Chloroethene) (µg/L)	Comments
ADEC Groundwater Cleanup Levels		**8,000**	**0.41**	**2.8**	**5,200**	**0.0075**	**10,000**	**--**	**56**	**60**	**0.19**	
Trip Blank	5/14/2007	--	--	--	--	--	--	--	--	--	--	
Trip Blank	9/21/2007	--	--	--	--	--	--	--	--	--	--	
Trip Blank	5/1/2008	--	--	<5.00	--	--	--	--	--	--	--	
Trip Blank	7/15/2008	--	--	<5.00	--	--	--	--	--	--	--	
Trip Blank	4/30/2009	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	8/19/2009	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	4/20/2010	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	6/10/2010	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	8/27/2010	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	5/24/2011	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	7/26/2011	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	11/10/2011	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	6/20/2012	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	11/5/2012	--	--	<1.00	--	--	--	--	--	--	--	
Trip Blank	4/30/2013	--	--	<0.083	--	--	--	--	--	--	--	
Trip Blank	11/8/2013	--	--	<0.12	--	--	--	--	--	--	--	
Trip Blank	4/28/2014	--	--	<0.091	--	--	--	--	--	--	--	
Trip Blank	11/7/2014	--	--	<0.091	--	--	--	--	--	--	--	
Trip Blank	4/21/2016	--	--	<0.5	--	--	--	--	--	--	--	
Trip Blank	11/1/2016	--	--	<0.5	--	--	--	--	--	--	--	
Trip Blank	5/1/2017	--	--	<0.5	--	--	--	--	--	--	--	
Trip Blank	4/27/2018	--	--	<0.5	--	--	--	--	--	--	--	
Trip Blank	10/18/2018	--	--	<0.2	--	--	--	--	--	--	--	
Trip Blank	4/3/2019	--	--	<0.2	--	--	--	--	--	--	--	
Trip Blank	9/11/2019	--	--	<0.50	--	--	--	--	--	--	--	
Trip Blank	4/22/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Trip Blank	10/9/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Trip Blank	4/7/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Trip Blank	8/26/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Trip Blank	04/04/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00 J	<1.00 J	<1.00 J	***<1.00***	
Trip Blank	8/16/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Tudor Motel	9/21/2007	--	--	<0.10	--	--	--	--	--	--	--	
Tudor Motel	5/1/2008	--	--	<5.00	--	--	--	--	--	--	--	
Tudor Motel	7/15/2008	--	--	<0.100	--	--	--	--	--	--	--	
Equipment Blank	4/22/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Equipment Blank	10/9/2020	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Equipment Blank	4/7/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Equipment Blank	8/26/2021	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	
Equipment Blank	04/04/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00 J	<1.00 J	<1.00 J	***<1.00***	
Equipment Blank	8/16/2022	<1.00	***<1.00***	<1.00	<5.00	<0.00500	<1.00	<1.00	<1.00	<1.00	***<1.00***	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
First Quarter 1992 to Current
Former Chevron-Branded Service Station 97324
4417 Lake Otis Parkway
Anchorage, Alaska

Notes:
ID = Identification
MW = Groundwater monitoring well
µg/L = Micrograms per liter
All values prior to 8/16/2022 are in mg/l
<0.00500 = Not detected at or above the Reported Detection Limit
Bold = Detected above laboratory method detection limit (MDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
Bold and *Italicized* : Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
[ ] = Blind Duplicate Sample Result
J = Results are greater than the method detection limit and less than the reporting limit and considered estimated value
ADEC = Alaska Department of Environmental Conservation
Constituents analyzed by United States Environmental Protection Agency Method 8260D
EDB-1,2 Dibromoethane
EDC-1,2-Dichloroethane
TCE = Trichloroethylene
PCE = Tetrachloroethylene

FIGURES



SOURCE: USGS 7.5 ANCHORAGE A-8 NW QUADRANGLE, ALASKA.

N

0 2,000' 4,000'

APPROXIMATE SCALE: 1 in. = 2,000 ft.

AREA LOCATION

ALASKA

FORMER CHEVRON-BRANDED SERVICE STATION 97324
4417 LAKE OTIS PARKWAY
ANCHORAGE, ALASKA

SITE LOCATION MAP

ARCADIS

FIGURE 1

C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-97324-ANCHORAGE Alaska\Project Files\2021\01-In Progress\01-DWG\GEN-F02-SITE PLAN.dwg LAYOUT: 2 SAVED: 9/22/2021 12:06 PM ACADVER: 24.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 9/22/2021 12:08 PM BY: YM, BABU

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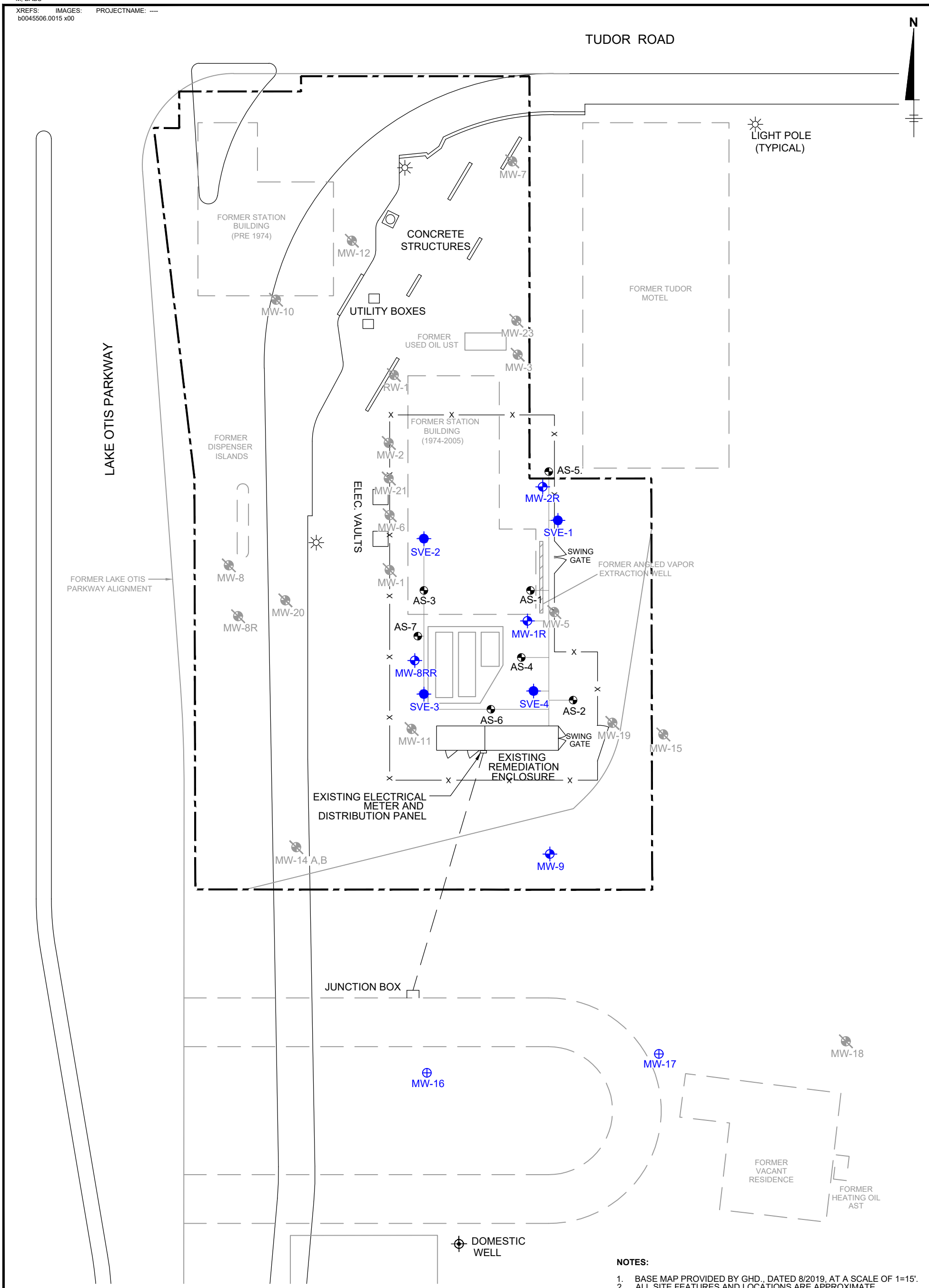

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL
- AIR SPARGE WELL
- OFFSITE WELL LOCATION
- DESTROYED WELL
- DOMESTIC WELL

UST UNDERGROUND STORAGE TANK

0 50' 100'
APPROXIMATE SCALE: 1" = 50'

NOTES:

1. BASE MAP PROVIDED BY GHD., DATED 8/2019, AT A SCALE OF 1=15'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

FORMER CHEVRON-BRANDED SERVICE STATION 97324
4417 LAKE OTIS PARKWAY
ANCHORAGE, ALASKA

SITE PLAN

ARCADIS

FIGURE
2

C:\Users\shankarv4688\ARCADIS\Environmental CAD Team - BIM360 - OneDrive Sync Location\AUS-CHEVRON-97324-ANCHORAGE Alaska\2022\01-In Progress\01-DWG\GWM-2SA22-F03-GWE CONTOUR.dwg LAYOUT: 3 SAVED: 12/14/2022 3:51 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 12/14/2022 3:51 PM BY: SHANKARAPPA, VASANTH KUMAR
XREFS: IMAGES: PROJECTNAME: ----
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N

TUDOR ROAD

LAKE OTIS PARKWAY

FORMER LAKE OTIS PARKWAY ALIGNMENT

LIGHT POLE (TYPICAL)

FORMER STATION BUILDING (PRE 1974)

FORMER STATION BUILDING (1974-2005)

FORMER TUDOR MOTEL

CONCRETE STRUCTURES

UTILITY BOXES

FORMER USED OIL UST

FORMER DISPENSER ISLANDS

ELEC. VAULTS

SWING GATE

FORMER ANGLED VAPOR EXTRACTION WELL

FORMER REMEDIATION ENCLOSURE

FORMER ELECTRICAL METER AND DISTRIBUTION PANEL

JUNCTION BOX

FORMER VACANT RESIDENCE

FORMER HEATING OIL AST

MW-1 MW-1R (144.50)
MW-2
MW-2R (144.59)
MW-3
MW-5
MW-6
MW-7
MW-8
MW-8R
MW-8RR (144.53)
MW-9 (146.54)
MW-10
MW-11
MW-12
MW-14 A,B
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-21
RW-1
SVE-1
SVE-2
SVE-3
SVE-4
AS-1
AS-2
AS-3
AS-4
AS-5
AS-6
AS-7

145.00
145.50
146.00
146.50

0.0027 FT/FT

DOMESTIC WELL

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL
- AIR SPARGE WELL
- OFFSITE WELL LOCATION
- DESTROYED WELL
- DOMESTIC WELL
- UST UNDERGROUND STORAGE TANK

(146.54) GROUNDWATER ELEVATION IN FEET RELATIVE TO NAVD88

146.50 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

GROUNDWATER FLOW DIRECTION

0.0027 FT/FT APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)

NAVD88 NORTH AMERICAN VERTICAL DATUM OF 1988

0 50' 100'
APPROXIMATE SCALE: 1" = 50'

NOTES:

1. BASE MAP PROVIDED BY GHD., DATED 8/2019, AT A SCALE OF 1=15'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

FORMER CHEVRON-BRANDED SERVICE STATION 97324
4417 LAKE OTIS PARKWAY
ANCHORAGE, ALASKA

GROUNDWATER ELEVATION MAP AUGUST 16, 2022

ARCADIS

FIGURE 3

C:\Users\shankarv4688\ARCADIS\Environmental CAD Team - BIM360 - OneDrive Sync Location\AUS-CHEVRON-97324-ANCHORAGE Alaska\2023\01-In Progress\01-DWG\GWM-2SA22-F04-GWAM.dwg LAYOUT: 4 SAVED: 2/24/2023 10:27 AM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
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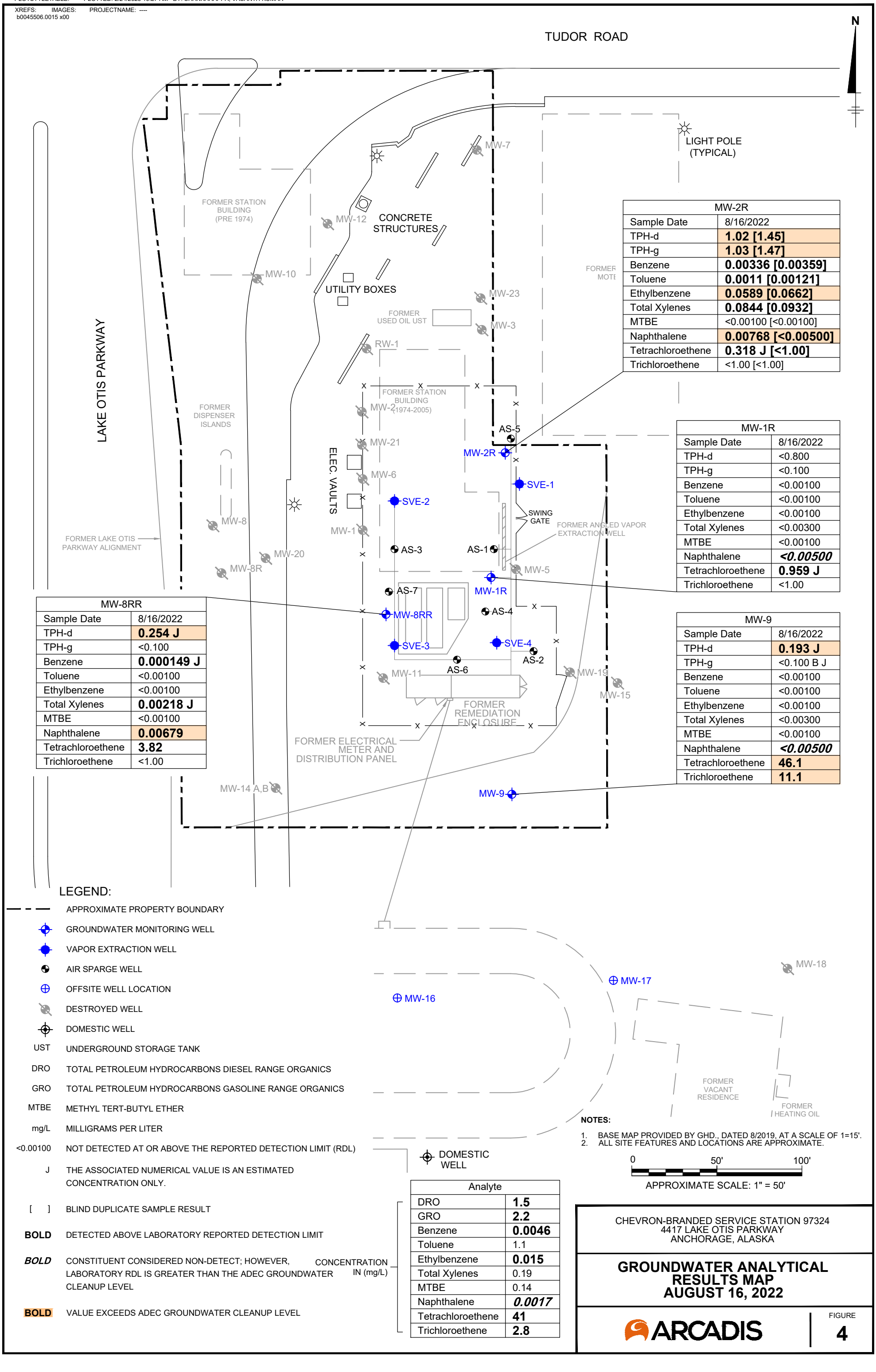


MW-2R	
Sample Date	8/16/2022
TPH-d	**1.02 [1.45]**
TPH-g	**1.03 [1.47]**
Benzene	**0.00336 [0.00359]**
Toluene	**0.0011 [0.00121]**
Ethylbenzene	**0.0589 [0.0662]**
Total Xylenes	**0.0844 [0.0932]**
MTBE	<0.00100 [<0.00100]
Naphthalene	**0.00768 [<0.00500]**
Tetrachloroethene	**0.318 J [<1.00]**
Trichloroethene	<1.00 [<1.00]

MW-1R	
Sample Date	8/16/2022
TPH-d	<0.800
TPH-g	<0.100
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
MTBE	<0.00100
Naphthalene	***<0.00500***
Tetrachloroethene	**0.959 J**
Trichloroethene	<1.00

MW-8RR	
Sample Date	8/16/2022
TPH-d	**0.254 J**
TPH-g	<0.100
Benzene	**0.000149 J**
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	**0.00218 J**
MTBE	<0.00100
Naphthalene	**0.00679**
Tetrachloroethene	**3.82**
Trichloroethene	<1.00

MW-9	
Sample Date	8/16/2022
TPH-d	**0.193 J**
TPH-g	<0.100 B J
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
MTBE	<0.00100
Naphthalene	***<0.00500***
Tetrachloroethene	**46.1**
Trichloroethene	**11.1**

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL
- AIR SPARGE WELL
- OFFSITE WELL LOCATION
- DESTROYED WELL
- DOMESTIC WELL
- UST — UNDERGROUND STORAGE TANK
- DRO — TOTAL PETROLEUM HYDROCARBONS DIESEL RANGE ORGANICS
- GRO — TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE ORGANICS
- MTBE — METHYL TERT-BUTYL ETHER
- mg/L — MILLIGRAMS PER LITER
- <0.00100 — NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT (RDL)
- J — THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.
- [ ] — BLIND DUPLICATE SAMPLE RESULT
- **BOLD** — DETECTED ABOVE LABORATORY REPORTED DETECTION LIMIT
- ***BOLD*** — CONSTITUENT CONSIDERED NON-DETECT; HOWEVER, LABORATORY RDL IS GREATER THAN THE ADEC GROUNDWATER CLEANUP LEVEL
- **BOLD** — VALUE EXCEEDS ADEC GROUNDWATER CLEANUP LEVEL

DOMESTIC WELL

Analyte	CONCENTRATION IN (mg/L)
DRO	**1.5**
GRO	**2.2**
Benzene	**0.0046**
Toluene	1.1
Ethylbenzene	**0.015**
Total Xylenes	0.19
MTBE	0.14
Naphthalene	***0.0017***
Tetrachloroethene	**41**
Trichloroethene	**2.8**

NOTES:

1. BASE MAP PROVIDED BY GHD., DATED 8/2019, AT A SCALE OF 1=15'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 50' 100'

APPROXIMATE SCALE: 1" = 50'

CHEVRON-BRANDED SERVICE STATION 97324
4417 LAKE OTIS PARKWAY
ANCHORAGE, ALASKA

GROUNDWATER ANALYTICAL RESULTS MAP AUGUST 16, 2022

ARCADIS

FIGURE 4

APPENDIX A

ARCADIS Design & Consultancy for natural and built assets

Chevron Environmental Management Company

Appendix A:

Site History and Background

Former Chevron Facility 97324
4417 Lake Otis Parkway
Anchorage, Alaska
ADEC File No: 2100.26.008
HAZARD ID No: 23885

June 19, 2020

Appendix A: 97324 Site Description and Background

1 97324 SITE BACKGROUND AND HISTORY

1.1 Site Description and Vicinity

Former Chevron Facility 97324 is located at 4417 Lake Otis Parkway in Anchorage, Alaska. The site was formerly operated as a Chevron-branded service station with three underground storage tanks (UST), two dispenser islands, and a station building with an auto service bay. The surrounding properties are mixed commercial and industrial; the site is bordered to the north, west, and south by former or current ADEC contaminated sites.

1.2 Site History

In 2004, the facility building, three petroleum underground storage tanks (USTs) equipped with dispenser pumps, and product lines were removed from the property. A remediation system consisting of seven air sparge (AS) wells and four soil vapor extraction (SVE) wells was operated seasonally until 2017, when it was shut down.

2 SITE CHARACTERIZATIONS

A soil and groundwater remediation system which included seven air sparge (AS) wells and four soil vapor extraction (SVE) wells was shut down in 2017. Currently, six groundwater monitoring wells remain in place, four of which are sampled and monitored semiannually.

3 CURRENT SITE MONITORING ACTIVITIES

The site currently has a network of six monitoring wells; four wells are monitored and sampled semiannually (MW-1R, MW-2R, MW-8RR, and MW-9). Historically, concentrations of volatile organic compounds (VOCs), gasoline range organics (GRO), and diesel range organics (DRO) have exceeded their respective ADEC Method 2 groundwater cleanup levels in several monitoring wells.

4 GEOLOGY AND HYDROGEOLOGY

4.1 Site Hydrogeology

The site is in south central Alaska, south of the Knik Arm and north of the Turnagain Arm of Cook Inlet. From 1992 until present, static groundwater depths at the site have ranged between 8.58 to 24.53 feet below top of casing (ft btoc). Historic ground water flow is to the northwest.

5 REFERENCES

GHD Inc. 2018. Second Semiannual 2018 Groundwater Monitoring Report Former Chevron-Branded Service Station 97324, 4417 Lake Otis Parkway , Anchorage, AK. December 5

APPENDIX B

Daily Log

Project Number : 30063667

Prepared By: Evan Wujcik

Site ID: 97324

Site Name: Former Chevron 9-7324

City: Anchorage

State: Alaska

Project Manager: Robinson, Gerald

Portfolio: COP 3.0

Subportfolio: West

Inside Chevron Operational Control? Yes ☐ No ☑

Staff on Site
Evan Wujcik

Weather(°F)	PPE	Equipment
Rain		Water Quality Meter (i.e. YSI), Water Level Meter (WLM), Bladder Pump, Photoionization Detector (PID)

Date	Time	Description of Activities
08/16/2022	06:00	Arrive on site Locate Wells
08/16/2022	07:00	Sample MW9 MS/MSD samples collected at this location Decon equipment See COC for analysis
08/16/2022	08:00	Sample MW2R BD samples collected at this location Decon equipment See COC for analysis
08/16/2022	09:00	Sample MW8RR Decon equipment See COC for analysis
08/16/2022	10:00	Sample MW1R Decon equipment See COC for analysis
08/16/2022	10:30	Load vehicle Mobilize offsite

Daily Log

Equipment and Calibration Information:

Supplier: Pine

Model:

Rental Number:

Calibrated:

Bump Checked:

Calibration Passed: yes

Water Quality Meter SN:

Date	Time	Calibrated Fulid and Value	Lot #	Expiration Date	Initial Reading	Final Reading
08/16/2022	15:26:00					

Equipment and Calibration Information:

Supplier: Pine

Model:

Rental Number:

Calibrated:

Bump Checked:

Calibration Passed: yes

PIDSN:

Date	Time	Calibrated Fulid and Value	Lot #	Expiration Date	Initial Reading	Final Reading
08/16/2022	15:26					

End of Day Questions	Yes	No	Comments	
Was waste generated?	☑	☐	Approximate volume of waste	5
			Container type	55 gallon drum
			Confirm container is not leaking	Yes ☑ No ☐

Waste Collected Photos

Daily Log

Have you performed work in accordance with the applicable QP/TGI?	☑	☐	
Change in plans (project delays)?	☐	☑	
Discovery of significant new site characteristics?	☐	☑	
Upcoming regulatory, community, or other stakeholder views change?	☐	☑	
Incident at the site?	☐	☑	
Is there a potential dispute?	☐	☐	
Identification of strategic opportunity?	☐	☑	
New application, renewal, or permit modifcation?	☐	☑	

Signature

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063667	**Well ID**	MW-1R	**Date**	8/16/2022		
Site Location	Anchorage, Alaska	**Site ID**	97324	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	23.06	**Total Depth (ft-bmp)**	31	**Water Column (ft)**	7.94	**Gallons in Well**	1.29
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Sample Method**			Grab
Sample Time	10:00	**Well Volumes Purged**	0.49	**Sample ID**	MW-1R-W-20220816	**Evacuation Equipment**	Bladder
Purge Start	09:30	**Gallons Purged**	0.63	**Duplicate ID**	--		
Purge End	09:50	**Total Purge Time (h:m)**	0:20				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:33	200	23.08	6.55	0.657	74.0	0.00	7.74	180	--	--
09:36	200	23.08	6.33	0.590	56.3	0.00	7.30	197	--	--
09:39	200	23.08	6.30	0.572	53.2	0.00	7.01	193	--	--
09:42	200	23.08	6.35	0.565	55.1	0.00	6.89	198	--	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-1R-W-20220816 Sample Time: 10:00 Sample Depth (ft-bmp): 23.5

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063667	**Well ID**	MW-2R	**Date**	8/16/2022		
Site Location	Anchorage, Alaska	**Site ID**	97324	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	23.76	**Total Depth (ft-bmp)**	31.2	**Water Column (ft)**	7.44	**Gallons in Well**	1.21
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Sample Method**			Grab
Sample Time	08:00	**Well Volumes Purged**	0.65	**Sample ID**	MW-2R-W-20220816	**Evacuation Equipment**	Bladder
Purge Start	07:30	**Gallons Purged**	0.79	**Duplicate ID**	BD		
Purge End	07:50	**Total Purge Time (h:m)**	0:20				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
07:33	200	23.77	6.68	1.06	25.2	0.00	8.60	214	--	--
07:36	200	23.77	6.70	1.07	22.1	0.00	8.02	202	--	--
07:39	200	23.77	6.67	1.06	16.5	0.00	7.45	194	--	--
07:42	200	23.77	6.65	1.06	14.8	0.00	7.35	188	--	--
07:45	200	23.77	6.61	1.05	14.0	0.00	7.25	184	--	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-2R-W-20220816 Sample Time: 08:00 Sample Depth (ft-bmp): 24

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063667	**Well ID**	MW-8RR	**Date**	8/16/2022		
Site Location	Anchorage, Alaska	**Site ID**	97324	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	21.9	**Total Depth (ft-bmp)**	32.5	**Water Column (ft)**	10.60	**Gallons in Well**	1.72
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Sample Method**			Grab
Sample Time	09:00	**Well Volumes Purged**	0.37	**Sample ID**	MW-8RR-W-20220816	**Evacuation Equipment**	Bladder
Purge Start	08:30	**Gallons Purged**	0.63	**Duplicate ID**	--		
Purge End	08:50	**Total Purge Time (h:m)**	0:20				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:33	200	21.90	6.75	0.959	257	0.00	7.42	188	--	--
08:36	200	21.90	6.72	0.961	241	0.00	7.22	183	--	--
08:39	200	21.90	6.70	0.965	207	0.00	6.89	183	--	--
08:42	200	21.90	6.69	0.972	206	0.00	6.70	187	--	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-8RR-W-20220816 Sample Time: 09:00 Sample Depth (ft-bmp): 22.5

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063667	**Well ID**	MW-9	**Date**	8/16/2022		
Site Location	Anchorage, Alaska	**Site ID**	97324	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	12.7	**Total Depth (ft-bmp)**	19.3	**Water Column (ft)**	6.60	**Gallons in Well**	1.07
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Sample Method**			Grab
Sample Time	07:00	**Well Volumes Purged**	0.59	**Sample ID**	MW-9-W-20220816	**Evacuation Equipment**	Bladder
Purge Start	06:30	**Gallons Purged**	0.63	**Duplicate ID**	MS/MSD		
Purge End	06:50	**Total Purge Time (h:m)**	0:20				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
06:33	200	12.72	6.46	0.381	204	0.00	8.38	162	--	--
06:36	200	12.72	6.30	0.375	204	0.00	7.83	170	--	--
06:39	200	12.72	6.28	0.369	195	0.00	7.24	177	--	--
06:42	200	12.72	6.25	0.372	190	0.00	6.96	180	--	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-9-W-20220816 Sample Time: 07:00 Sample Depth (ft-bmp): 13

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Groundwater Gauging Log

Project Number	30063667
Client:	Chevron
Site ID:	97324
Site Location:	Anchorage, Alaska
Measuring Point:	Top of Casing
Date(s):	08/16/2022
Sampler(s):	Evan Wujcik
Gauging Equipment:	Water Level Meter

Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft bmp)	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
MW-1R	08/16/2022	09:05	23.06	ND	31.00	0	--	--
MW-2R	08/16/2022	07:10	23.76	ND	31.20	0	--	--
MW-8RR	08/16/2022	07:43	21.9	ND	32.50	0	--	--
MW-9	08/16/2022	07:21	12.7	ND	19.30	0	--	--

ft-bmp = feet below measuring point ND = Not Detected PID = Photoionization Detector Reading

ppm = parts per million -- = Not Recorded

APPENDIX C

ANALYTICAL REPORT

August 29, 2022

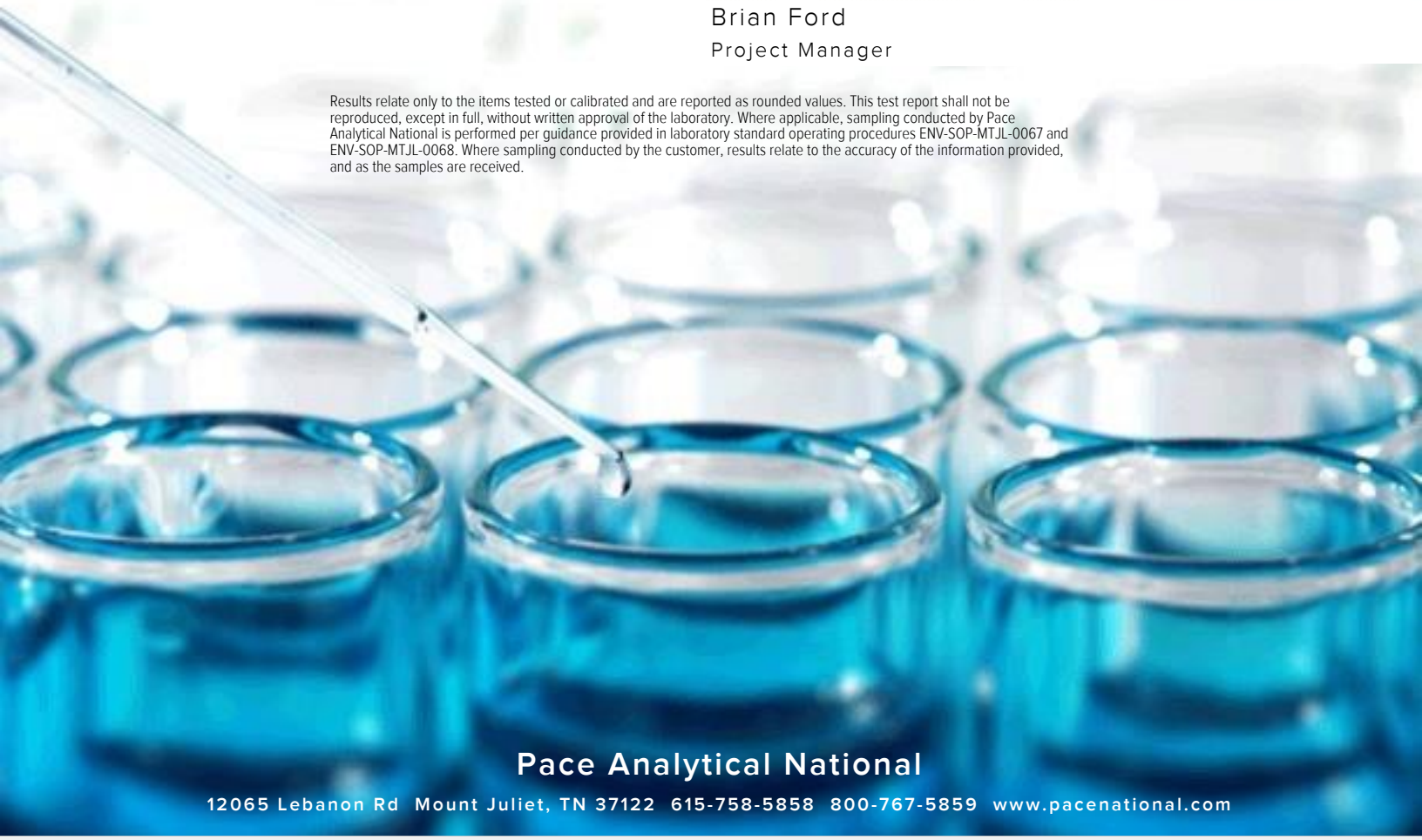
Arcadis - Chevron - AK

Sample Delivery Group:	L1526897
Samples Received:	08/18/2022
Project Number:	30063667.19.21
Description:	97324
Site:	4417 LAKE OTIS PKWY, ANCHORAGE
Report To:	Sydney Clark/Erika Midkiff/Gerald Robins 880 H St. Anchorage, AK 99501

Entire Report Reviewed By:

Brian Ford

Project Manager



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MW-9-W-20220816 L1526897-01 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 07:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 11:41	08/19/22 11:41	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1913447	10	08/22/22 16:33	08/22/22 16:33	BRA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/22/22 00:30	08/22/22 00:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1.05	08/25/22 06:48	08/27/22 07:01	HLJ	Mt. Juliet, TN

MW-2R-W-20220816 L1526897-02 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 08:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 13:16	08/19/22 13:16	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/22/22 00:50	08/22/22 00:50	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914853	50	08/23/22 15:57	08/23/22 15:57	BRA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1.05	08/25/22 06:48	08/27/22 08:10	CLG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1913486	1.05	08/19/22 20:40	08/20/22 08:50	AMG	Mt. Juliet, TN

MW-8RR-W-20220816 L1526897-03 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 09:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 13:43	08/19/22 13:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1913447	1	08/22/22 12:33	08/22/22 12:33	BRA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/22/22 01:11	08/22/22 01:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1.05	08/25/22 06:48	08/27/22 08:33	HLJ	Mt. Juliet, TN

MW-1R-W-20220816 L1526897-04 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 10:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 14:09	08/19/22 14:09	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1913447	1	08/22/22 12:57	08/22/22 12:57	BRA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/22/22 01:32	08/22/22 01:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1	08/25/22 06:48	08/27/22 08:56	HLJ	Mt. Juliet, TN

BD-1-W-20220816 L1526897-05 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 00:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 15:01	08/19/22 15:01	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/22/22 01:53	08/22/22 01:53	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914853	50	08/23/22 16:21	08/23/22 16:21	BRA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1.05	08/25/22 06:48	08/27/22 09:19	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1913486	1.05	08/19/22 20:40	08/20/22 09:10	AMG	Mt. Juliet, TN

EQB-1-W-20220816 L1526897-06 GW

Collected by: E. Wujcik | Collected date/time: 08/16/22 11:00 | Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 08:58	08/19/22 08:58	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1913447	1	08/22/22 13:21	08/22/22 13:21	BRA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/21/22 23:29	08/21/22 23:29	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG1914202	1.05	08/25/22 06:48	08/27/22 09:42	HLJ	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

EQB-1-W-20220816 L1526897-06 GW

Collected by: E. Wujcik
Collected date/time: 08/16/22 11:00
Received date/time: 08/18/22 08:45

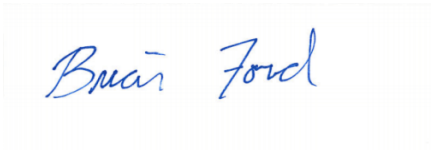
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1913486	1	08/19/22 20:40	08/22/22 17:35	AMM	Mt. Juliet, TN

TRIP BLANK-20220816 L1526897-07 GW

Collected by: E. Wujcik
Collected date/time: 08/16/22 00:00
Received date/time: 08/18/22 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG1913056	1	08/19/22 08:31	08/19/22 08:31	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1913447	1	08/22/22 12:09	08/22/22 12:09	BRA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1914313	1	08/21/22 22:48	08/21/22 22:48	JHH	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Volatile Organic Compounds (GC) by Method AK101

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG1913056	TPHGAK C6 to C10	L1526897-01

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG1913056	(MSD) R3828634-8, L1526897-01	TPHGAK C6 to C10

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG1913486	(MS) R3828865-3, (MSD) R3828865-4	2-Methylnaphthalene and Naphthalene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG1913486	(MSD) R3828865-4	Benzo(g,h,i)perylene, Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPHGAK C6 to C10	44.8	B J J3	28.7	100	1	08/19/2022 11:41	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*87.1*			*50.0-150*		*08/19/2022 11:41*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichloropropane	U		0.0200	0.0500	10	08/22/2022 16:33	WG1913447
Acetone	U		11.3	50.0	1	08/22/2022 00:30	WG1914313
1,2-Dibromoethane	U		0.0410	0.0500	10	08/22/2022 16:33	WG1913447
Acrolein	U		2.54	50.0	1	08/22/2022 00:30	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/22/2022 00:30	WG1914313
Benzene	U		0.0941	1.00	1	08/22/2022 00:30	WG1914313
Bromobenzene	U		0.118	1.00	1	08/22/2022 00:30	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/22/2022 00:30	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/22/2022 00:30	WG1914313
Bromoform	U		0.129	1.00	1	08/22/2022 00:30	WG1914313
Bromomethane	U		0.605	5.00	1	08/22/2022 00:30	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/22/2022 00:30	WG1914313
sec-Butylbenzene	U		0.125	1.00	1	08/22/2022 00:30	WG1914313
tert-Butylbenzene	U		0.127	1.00	1	08/22/2022 00:30	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/22/2022 00:30	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/22/2022 00:30	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/22/2022 00:30	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/22/2022 00:30	WG1914313
Chloroethane	U		0.192	5.00	1	08/22/2022 00:30	WG1914313
Chloroform	U		0.111	5.00	1	08/22/2022 00:30	WG1914313
Chloromethane	U		0.960	2.50	1	08/22/2022 00:30	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/22/2022 00:30	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/22/2022 00:30	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/22/2022 00:30	WG1914313
Dibromomethane	U		0.122	1.00	1	08/22/2022 00:30	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/22/2022 00:30	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/22/2022 00:30	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/22/2022 00:30	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/22/2022 00:30	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/22/2022 00:30	WG1914313
1,2-Dichloroethane	U		0.0819	1.00	1	08/22/2022 00:30	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/22/2022 00:30	WG1914313
cis-1,2-Dichloroethene	29.1		0.126	1.00	1	08/22/2022 00:30	WG1914313
trans-1,2-Dichloroethene	0.179	J	0.149	1.00	1	08/22/2022 00:30	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/22/2022 00:30	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/22/2022 00:30	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/22/2022 00:30	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/22/2022 00:30	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/22/2022 00:30	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/22/2022 00:30	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/22/2022 00:30	WG1914313
Ethylbenzene	U		0.137	1.00	1	08/22/2022 00:30	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/22/2022 00:30	WG1914313
Isopropylbenzene	U		0.105	1.00	1	08/22/2022 00:30	WG1914313
p-Isopropyltoluene	U		0.120	1.00	1	08/22/2022 00:30	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/22/2022 00:30	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/22/2022 00:30	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/22/2022 00:30	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/22/2022 00:30	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		1.00	5.00	1	08/22/2022 00:30	WG1914313
n-Propylbenzene	U		0.0993	1.00	1	08/22/2022 00:30	WG1914313
Styrene	U		0.118	1.00	1	08/22/2022 00:30	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/22/2022 00:30	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/22/2022 00:30	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/22/2022 00:30	WG1914313
Tetrachloroethene	46.1		0.300	1.00	1	08/22/2022 00:30	WG1914313
Toluene	U		0.278	1.00	1	08/22/2022 00:30	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/22/2022 00:30	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/22/2022 00:30	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/22/2022 00:30	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/22/2022 00:30	WG1914313
Trichloroethene	11.1		0.190	1.00	1	08/22/2022 00:30	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/22/2022 00:30	WG1914313
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/22/2022 00:30	WG1914313
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 00:30	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 00:30	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/22/2022 00:30	WG1914313
Xylenes, Total	U		0.174	3.00	1	08/22/2022 00:30	WG1914313
o-Xylene	U		0.174	1.00	1	08/22/2022 00:30	WG1914313
m&p-Xylene	U		0.430	2.00	1	08/22/2022 00:30	WG1914313
(S) Toluene-d8	*105*			*80.0-120*		*08/22/2022 00:30*	WG1914313
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*08/22/2022 00:30*	WG1914313
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*		*08/22/2022 00:30*	WG1914313

Sample Narrative:

L1526897-01 WG1913447: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
AK102 DRO C10-C25	193	J	179	840	1.05	08/27/2022 07:01	WG1914202
(S) o-Terphenyl	*83.4*			*50.0-150*		*08/27/2022 07:01*	WG1914202

Sample Narrative:

L1526897-01 WG1914202: Dilution due to sample volume.

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPHGAK C6 to C10	1030		28.7	100	1	08/19/2022 13:16	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*91.1*			*50.0-150*		*08/19/2022 13:16*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,3-Trichloropropane	U		0.100	0.250	50	08/23/2022 15:57	WG1914853
Acetone	U		11.3	50.0	1	08/22/2022 00:50	WG1914313
1,2-Dibromoethane	U		0.205	0.250	50	08/23/2022 15:57	WG1914853
Acrolein	U		2.54	50.0	1	08/22/2022 00:50	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/22/2022 00:50	WG1914313
Benzene	3.36		0.0941	1.00	1	08/22/2022 00:50	WG1914313
Bromobenzene	U		0.118	1.00	1	08/22/2022 00:50	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/22/2022 00:50	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/22/2022 00:50	WG1914313
Bromoform	U		0.129	1.00	1	08/22/2022 00:50	WG1914313
Bromomethane	U		0.605	5.00	1	08/22/2022 00:50	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/22/2022 00:50	WG1914313
sec-Butylbenzene	8.51		0.125	1.00	1	08/22/2022 00:50	WG1914313
tert-Butylbenzene	8.37		0.127	1.00	1	08/22/2022 00:50	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/22/2022 00:50	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/22/2022 00:50	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/22/2022 00:50	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/22/2022 00:50	WG1914313
Chloroethane	U		0.192	5.00	1	08/22/2022 00:50	WG1914313
Chloroform	U		0.111	5.00	1	08/22/2022 00:50	WG1914313
Chloromethane	U		0.960	2.50	1	08/22/2022 00:50	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/22/2022 00:50	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/22/2022 00:50	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/22/2022 00:50	WG1914313
Dibromomethane	U		0.122	1.00	1	08/22/2022 00:50	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/22/2022 00:50	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/22/2022 00:50	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/22/2022 00:50	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/22/2022 00:50	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/22/2022 00:50	WG1914313
1,2-Dichloroethane	3.23		0.0819	1.00	1	08/22/2022 00:50	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/22/2022 00:50	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/22/2022 00:50	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/22/2022 00:50	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/22/2022 00:50	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/22/2022 00:50	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/22/2022 00:50	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/22/2022 00:50	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/22/2022 00:50	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/22/2022 00:50	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/22/2022 00:50	WG1914313
Ethylbenzene	58.9		0.137	1.00	1	08/22/2022 00:50	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/22/2022 00:50	WG1914313
Isopropylbenzene	22.5		0.105	1.00	1	08/22/2022 00:50	WG1914313
p-Isopropyltoluene	18.7		0.120	1.00	1	08/22/2022 00:50	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/22/2022 00:50	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/22/2022 00:50	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/22/2022 00:50	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/22/2022 00:50	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	6.79		1.00	5.00	1	08/22/2022 00:50	WG1914313
n-Propylbenzene	56.2		0.0993	1.00	1	08/22/2022 00:50	WG1914313
Styrene	U		0.118	1.00	1	08/22/2022 00:50	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/22/2022 00:50	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/22/2022 00:50	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/22/2022 00:50	WG1914313
Tetrachloroethene	0.318	J	0.300	1.00	1	08/22/2022 00:50	WG1914313
Toluene	1.10		0.278	1.00	1	08/22/2022 00:50	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/22/2022 00:50	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/22/2022 00:50	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/22/2022 00:50	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/22/2022 00:50	WG1914313
Trichloroethene	U		0.190	1.00	1	08/22/2022 00:50	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/22/2022 00:50	WG1914313
1,2,4-Trimethylbenzene	82.4		0.322	1.00	1	08/22/2022 00:50	WG1914313
1,2,3-Trimethylbenzene	5.52		0.104	1.00	1	08/22/2022 00:50	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 00:50	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/22/2022 00:50	WG1914313
Xylenes, Total	84.4		0.174	3.00	1	08/22/2022 00:50	WG1914313
o-Xylene	7.88		0.174	1.00	1	08/22/2022 00:50	WG1914313
m&p-Xylene	76.5		0.430	2.00	1	08/22/2022 00:50	WG1914313
(S) Toluene-d8	*97.9*			*80.0-120*		*08/22/2022 00:50*	WG1914313
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*08/22/2022 00:50*	WG1914313
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*08/22/2022 00:50*	WG1914313

Sample Narrative:

L1526897-02 WG1914853: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
AK102 DRO C10-C25	1320		179	840	1.05	08/27/2022 08:10	WG1914202
(S) o-Terphenyl	*81.2*			*50.0-150*		*08/27/2022 08:10*	WG1914202

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0199	0.0525	1.05	08/20/2022 08:50	WG1913486
Acenaphthene	0.0439	J	0.0199	0.0525	1.05	08/20/2022 08:50	WG1913486
Acenaphthylene	U		0.0179	0.0525	1.05	08/20/2022 08:50	WG1913486
Benzo(a)anthracene	U		0.0210	0.0525	1.05	08/20/2022 08:50	WG1913486
Benzo(a)pyrene	U		0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Benzo(b)fluoranthene	U		0.0179	0.0525	1.05	08/20/2022 08:50	WG1913486
Benzo(g,h,i)perylene	U		0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Benzo(k)fluoranthene	U		0.0210	0.263	1.05	08/20/2022 08:50	WG1913486
Chrysene	U		0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Dibenz(a,h)anthracene	U		0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Fluoranthene	0.0146	J	0.0115	0.0525	1.05	08/20/2022 08:50	WG1913486
Fluorene	0.0207	J	0.0179	0.0525	1.05	08/20/2022 08:50	WG1913486
Indeno(1,2,3-cd)pyrene	U		0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Naphthalene	4.56		0.134	0.525	1.05	08/20/2022 08:50	WG1913486
Phenanthrene	0.0217	J	0.0189	0.0525	1.05	08/20/2022 08:50	WG1913486
Pyrene	U		0.0179	0.0525	1.05	08/20/2022 08:50	WG1913486
1-Methylnaphthalene	6.40		0.0210	0.525	1.05	08/20/2022 08:50	WG1913486
2-Methylnaphthalene	0.149	J	0.0294	0.525	1.05	08/20/2022 08:50	WG1913486

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
2-Chloronaphthalene	0.0175	J	0.0126	0.525	1.05	08/20/2022 08:50	WG1913486
(S) Nitrobenzene-d5	*49.0*			*11.0-135*		*08/20/2022 08:50*	WG1913486
(S) 2-Fluorobiphenyl	*53.3*			*32.0-120*		*08/20/2022 08:50*	WG1913486
(S) p-Terphenyl-d14	*69.5*			*23.0-122*		*08/20/2022 08:50*	WG1913486

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPHGAK C6 to C10	U		28.7	100	1	08/19/2022 13:43	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*87.9*			*50.0-150*		*08/19/2022 13:43*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichloropropane	U		0.00200	0.00500	1	08/22/2022 12:33	WG1913447
Acetone	U		11.3	50.0	1	08/22/2022 01:11	WG1914313
1,2-Dibromoethane	0.0120		0.00410	0.00500	1	08/22/2022 12:33	WG1913447
Acrolein	U		2.54	50.0	1	08/22/2022 01:11	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/22/2022 01:11	WG1914313
Benzene	0.149	J	0.0941	1.00	1	08/22/2022 01:11	WG1914313
Bromobenzene	U		0.118	1.00	1	08/22/2022 01:11	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/22/2022 01:11	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/22/2022 01:11	WG1914313
Bromoform	U		0.129	1.00	1	08/22/2022 01:11	WG1914313
Bromomethane	U		0.605	5.00	1	08/22/2022 01:11	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/22/2022 01:11	WG1914313
sec-Butylbenzene	U		0.125	1.00	1	08/22/2022 01:11	WG1914313
tert-Butylbenzene	U		0.127	1.00	1	08/22/2022 01:11	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/22/2022 01:11	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/22/2022 01:11	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/22/2022 01:11	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/22/2022 01:11	WG1914313
Chloroethane	U		0.192	5.00	1	08/22/2022 01:11	WG1914313
Chloroform	U		0.111	5.00	1	08/22/2022 01:11	WG1914313
Chloromethane	U		0.960	2.50	1	08/22/2022 01:11	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/22/2022 01:11	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/22/2022 01:11	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/22/2022 01:11	WG1914313
Dibromomethane	U		0.122	1.00	1	08/22/2022 01:11	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/22/2022 01:11	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/22/2022 01:11	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/22/2022 01:11	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/22/2022 01:11	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/22/2022 01:11	WG1914313
1,2-Dichloroethane	1.17		0.0819	1.00	1	08/22/2022 01:11	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/22/2022 01:11	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/22/2022 01:11	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/22/2022 01:11	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/22/2022 01:11	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/22/2022 01:11	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/22/2022 01:11	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/22/2022 01:11	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/22/2022 01:11	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/22/2022 01:11	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/22/2022 01:11	WG1914313
Ethylbenzene	U		0.137	1.00	1	08/22/2022 01:11	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/22/2022 01:11	WG1914313
Isopropylbenzene	0.136	J	0.105	1.00	1	08/22/2022 01:11	WG1914313
p-Isopropyltoluene	0.135	J	0.120	1.00	1	08/22/2022 01:11	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/22/2022 01:11	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/22/2022 01:11	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/22/2022 01:11	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/22/2022 01:11	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		1.00	5.00	1	08/22/2022 01:11	WG1914313
n-Propylbenzene	0.139	J	0.0993	1.00	1	08/22/2022 01:11	WG1914313
Styrene	U		0.118	1.00	1	08/22/2022 01:11	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/22/2022 01:11	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/22/2022 01:11	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/22/2022 01:11	WG1914313
Tetrachloroethene	3.82		0.300	1.00	1	08/22/2022 01:11	WG1914313
Toluene	U		0.278	1.00	1	08/22/2022 01:11	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/22/2022 01:11	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/22/2022 01:11	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/22/2022 01:11	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/22/2022 01:11	WG1914313
Trichloroethene	U		0.190	1.00	1	08/22/2022 01:11	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/22/2022 01:11	WG1914313
1,2,4-Trimethylbenzene	0.396	J	0.322	1.00	1	08/22/2022 01:11	WG1914313
1,2,3-Trimethylbenzene	0.440	J	0.104	1.00	1	08/22/2022 01:11	WG1914313
1,3,5-Trimethylbenzene	0.123	J	0.104	1.00	1	08/22/2022 01:11	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/22/2022 01:11	WG1914313
Xylenes, Total	2.18	J	0.174	3.00	1	08/22/2022 01:11	WG1914313
o-Xylene	1.66		0.174	1.00	1	08/22/2022 01:11	WG1914313
m&p-Xylene	0.525	J	0.430	2.00	1	08/22/2022 01:11	WG1914313
(S) Toluene-d8	*104*			*80.0-120*		*08/22/2022 01:11*	WG1914313
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*08/22/2022 01:11*	WG1914313
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*08/22/2022 01:11*	WG1914313

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
AK102 DRO C10-C25	245	J	179	840	1.05	08/27/2022 08:33	WG1914202
(S) o-Terphenyl	*66.7*			*50.0-150*		*08/27/2022 08:33*	WG1914202

Sample Narrative:

L1526897-03 WG1914202: Dilution due to sample volume.

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPHGAK C6 to C10	U		28.7	100	1	08/19/2022 14:09	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*88.1*			*50.0-150*		*08/19/2022 14:09*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,3-Trichloropropane	U		0.00200	0.00500	1	08/22/2022 12:57	WG1913447
Acetone	U		11.3	50.0	1	08/22/2022 01:32	WG1914313
1,2-Dibromoethane	U		0.00410	0.00500	1	08/22/2022 12:57	WG1913447
Acrolein	U		2.54	50.0	1	08/22/2022 01:32	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/22/2022 01:32	WG1914313
Benzene	U		0.0941	1.00	1	08/22/2022 01:32	WG1914313
Bromobenzene	U		0.118	1.00	1	08/22/2022 01:32	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/22/2022 01:32	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/22/2022 01:32	WG1914313
Bromoform	U		0.129	1.00	1	08/22/2022 01:32	WG1914313
Bromomethane	U		0.605	5.00	1	08/22/2022 01:32	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/22/2022 01:32	WG1914313
sec-Butylbenzene	U		0.125	1.00	1	08/22/2022 01:32	WG1914313
tert-Butylbenzene	U		0.127	1.00	1	08/22/2022 01:32	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/22/2022 01:32	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/22/2022 01:32	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/22/2022 01:32	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/22/2022 01:32	WG1914313
Chloroethane	U		0.192	5.00	1	08/22/2022 01:32	WG1914313
Chloroform	U		0.111	5.00	1	08/22/2022 01:32	WG1914313
Chloromethane	U		0.960	2.50	1	08/22/2022 01:32	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/22/2022 01:32	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/22/2022 01:32	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/22/2022 01:32	WG1914313
Dibromomethane	U		0.122	1.00	1	08/22/2022 01:32	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/22/2022 01:32	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/22/2022 01:32	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/22/2022 01:32	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/22/2022 01:32	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/22/2022 01:32	WG1914313
1,2-Dichloroethane	1.81		0.0819	1.00	1	08/22/2022 01:32	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/22/2022 01:32	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/22/2022 01:32	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/22/2022 01:32	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/22/2022 01:32	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/22/2022 01:32	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/22/2022 01:32	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/22/2022 01:32	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/22/2022 01:32	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/22/2022 01:32	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/22/2022 01:32	WG1914313
Ethylbenzene	U		0.137	1.00	1	08/22/2022 01:32	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/22/2022 01:32	WG1914313
Isopropylbenzene	U		0.105	1.00	1	08/22/2022 01:32	WG1914313
p-Isopropyltoluene	U		0.120	1.00	1	08/22/2022 01:32	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/22/2022 01:32	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/22/2022 01:32	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/22/2022 01:32	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/22/2022 01:32	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		1.00	5.00	1	08/22/2022 01:32	WG1914313
n-Propylbenzene	U		0.0993	1.00	1	08/22/2022 01:32	WG1914313
Styrene	U		0.118	1.00	1	08/22/2022 01:32	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/22/2022 01:32	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/22/2022 01:32	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/22/2022 01:32	WG1914313
Tetrachloroethene	0.959	J	0.300	1.00	1	08/22/2022 01:32	WG1914313
Toluene	U		0.278	1.00	1	08/22/2022 01:32	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/22/2022 01:32	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/22/2022 01:32	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/22/2022 01:32	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/22/2022 01:32	WG1914313
Trichloroethene	U		0.190	1.00	1	08/22/2022 01:32	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/22/2022 01:32	WG1914313
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/22/2022 01:32	WG1914313
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 01:32	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 01:32	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/22/2022 01:32	WG1914313
Xylenes, Total	U		0.174	3.00	1	08/22/2022 01:32	WG1914313
o-Xylene	U		0.174	1.00	1	08/22/2022 01:32	WG1914313
m&p-Xylene	U		0.430	2.00	1	08/22/2022 01:32	WG1914313
(S) Toluene-d8	*104*			*80.0-120*		*08/22/2022 01:32*	WG1914313
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*08/22/2022 01:32*	WG1914313
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*08/22/2022 01:32*	WG1914313

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
AK102 DRO C10-C25	U		170	800	1	08/27/2022 08:56	WG1914202
(S) o-Terphenyl	*68.3*			*50.0-150*		*08/27/2022 08:56*	WG1914202

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPHGAK C6 to C10	1470		28.7	100	1	08/19/2022 15:01	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*93.9*			*50.0-150*		*08/19/2022 15:01*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichloropropane	U		0.100	0.250	50	08/23/2022 16:21	WG1914853
Acetone	U		11.3	50.0	1	08/22/2022 01:53	WG1914313
1,2-Dibromoethane	U		0.205	0.250	50	08/23/2022 16:21	WG1914853
Acrolein	U		2.54	50.0	1	08/22/2022 01:53	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/22/2022 01:53	WG1914313
Benzene	3.59		0.0941	1.00	1	08/22/2022 01:53	WG1914313
Bromobenzene	U		0.118	1.00	1	08/22/2022 01:53	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/22/2022 01:53	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/22/2022 01:53	WG1914313
Bromoform	U		0.129	1.00	1	08/22/2022 01:53	WG1914313
Bromomethane	U		0.605	5.00	1	08/22/2022 01:53	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/22/2022 01:53	WG1914313
sec-Butylbenzene	7.83		0.125	1.00	1	08/22/2022 01:53	WG1914313
tert-Butylbenzene	9.15		0.127	1.00	1	08/22/2022 01:53	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/22/2022 01:53	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/22/2022 01:53	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/22/2022 01:53	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/22/2022 01:53	WG1914313
Chloroethane	U		0.192	5.00	1	08/22/2022 01:53	WG1914313
Chloroform	U		0.111	5.00	1	08/22/2022 01:53	WG1914313
Chloromethane	U		0.960	2.50	1	08/22/2022 01:53	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/22/2022 01:53	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/22/2022 01:53	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/22/2022 01:53	WG1914313
Dibromomethane	U		0.122	1.00	1	08/22/2022 01:53	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/22/2022 01:53	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/22/2022 01:53	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/22/2022 01:53	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/22/2022 01:53	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/22/2022 01:53	WG1914313
1,2-Dichloroethane	3.40		0.0819	1.00	1	08/22/2022 01:53	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/22/2022 01:53	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/22/2022 01:53	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/22/2022 01:53	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/22/2022 01:53	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/22/2022 01:53	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/22/2022 01:53	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/22/2022 01:53	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/22/2022 01:53	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/22/2022 01:53	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/22/2022 01:53	WG1914313
Ethylbenzene	66.2		0.137	1.00	1	08/22/2022 01:53	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/22/2022 01:53	WG1914313
Isopropylbenzene	25.2		0.105	1.00	1	08/22/2022 01:53	WG1914313
p-Isopropyltoluene	20.5		0.120	1.00	1	08/22/2022 01:53	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/22/2022 01:53	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/22/2022 01:53	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/22/2022 01:53	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/22/2022 01:53	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	7.68		1.00	5.00	1	08/22/2022 01:53	WG1914313
n-Propylbenzene	63.3		0.0993	1.00	1	08/22/2022 01:53	WG1914313
Styrene	U		0.118	1.00	1	08/22/2022 01:53	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/22/2022 01:53	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/22/2022 01:53	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/22/2022 01:53	WG1914313
Tetrachloroethene	U		0.300	1.00	1	08/22/2022 01:53	WG1914313
Toluene	1.21		0.278	1.00	1	08/22/2022 01:53	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/22/2022 01:53	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/22/2022 01:53	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/22/2022 01:53	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/22/2022 01:53	WG1914313
Trichloroethene	U		0.190	1.00	1	08/22/2022 01:53	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/22/2022 01:53	WG1914313
1,2,4-Trimethylbenzene	91.9		0.322	1.00	1	08/22/2022 01:53	WG1914313
1,2,3-Trimethylbenzene	6.34		0.104	1.00	1	08/22/2022 01:53	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/22/2022 01:53	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/22/2022 01:53	WG1914313
Xylenes, Total	93.2		0.174	3.00	1	08/22/2022 01:53	WG1914313
o-Xylene	8.21		0.174	1.00	1	08/22/2022 01:53	WG1914313
m&p-Xylene	85.0		0.430	2.00	1	08/22/2022 01:53	WG1914313
(S) Toluene-d8	*96.9*			*80.0-120*		*08/22/2022 01:53*	WG1914313
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*08/22/2022 01:53*	WG1914313
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*08/22/2022 01:53*	WG1914313

Sample Narrative:

L1526897-05 WG1914853: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
AK102 DRO C10-C25	1450		179	840	1.05	08/27/2022 09:19	WG1914202
(S) o-Terphenyl	*76.5*			*50.0-150*		*08/27/2022 09:19*	WG1914202

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0199	0.0525	1.05	08/20/2022 09:10	WG1913486
Acenaphthene	0.0395	J	0.0199	0.0525	1.05	08/20/2022 09:10	WG1913486
Acenaphthylene	U		0.0179	0.0525	1.05	08/20/2022 09:10	WG1913486
Benzo(a)anthracene	U		0.0210	0.0525	1.05	08/20/2022 09:10	WG1913486
Benzo(a)pyrene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Benzo(b)fluoranthene	U		0.0179	0.0525	1.05	08/20/2022 09:10	WG1913486
Benzo(g,h,i)perylene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Benzo(k)fluoranthene	U		0.0210	0.263	1.05	08/20/2022 09:10	WG1913486
Chrysene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Dibenz(a,h)anthracene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Fluoranthene	U		0.0115	0.0525	1.05	08/20/2022 09:10	WG1913486
Fluorene	U		0.0179	0.0525	1.05	08/20/2022 09:10	WG1913486
Indeno(1,2,3-cd)pyrene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Naphthalene	3.53		0.134	0.525	1.05	08/20/2022 09:10	WG1913486
Phenanthrene	U		0.0189	0.0525	1.05	08/20/2022 09:10	WG1913486
Pyrene	U		0.0179	0.0525	1.05	08/20/2022 09:10	WG1913486
1-Methylnaphthalene	5.21		0.0210	0.525	1.05	08/20/2022 09:10	WG1913486
2-Methylnaphthalene	0.103	J	0.0294	0.525	1.05	08/20/2022 09:10	WG1913486

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
2-Chloronaphthalene	U		0.0126	0.525	1.05	08/20/2022 09:10	WG1913486
(S) Nitrobenzene-d5	*39.5*			*11.0-135*		*08/20/2022 09:10*	WG1913486
(S) 2-Fluorobiphenyl	*42.6*			*32.0-120*		*08/20/2022 09:10*	WG1913486
(S) p-Terphenyl-d14	*49.5*			*23.0-122*		*08/20/2022 09:10*	WG1913486

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPHGAK C6 to C10	U		28.7	100	1	08/19/2022 08:58	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*50.0-150*		*08/19/2022 08:58*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichloropropane	U		0.00200	0.00500	1	08/22/2022 13:21	WG1913447
Acetone	U		11.3	50.0	1	08/21/2022 23:29	WG1914313
1,2-Dibromoethane	U		0.00410	0.00500	1	08/22/2022 13:21	WG1913447
Acrolein	U		2.54	50.0	1	08/21/2022 23:29	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/21/2022 23:29	WG1914313
Benzene	U		0.0941	1.00	1	08/21/2022 23:29	WG1914313
Bromobenzene	U		0.118	1.00	1	08/21/2022 23:29	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/21/2022 23:29	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/21/2022 23:29	WG1914313
Bromoform	U		0.129	1.00	1	08/21/2022 23:29	WG1914313
Bromomethane	U		0.605	5.00	1	08/21/2022 23:29	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/21/2022 23:29	WG1914313
sec-Butylbenzene	U		0.125	1.00	1	08/21/2022 23:29	WG1914313
tert-Butylbenzene	U		0.127	1.00	1	08/21/2022 23:29	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/21/2022 23:29	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/21/2022 23:29	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/21/2022 23:29	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/21/2022 23:29	WG1914313
Chloroethane	U		0.192	5.00	1	08/21/2022 23:29	WG1914313
Chloroform	U		0.111	5.00	1	08/21/2022 23:29	WG1914313
Chloromethane	U		0.960	2.50	1	08/21/2022 23:29	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/21/2022 23:29	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/21/2022 23:29	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/21/2022 23:29	WG1914313
Dibromomethane	U		0.122	1.00	1	08/21/2022 23:29	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/21/2022 23:29	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/21/2022 23:29	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/21/2022 23:29	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/21/2022 23:29	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/21/2022 23:29	WG1914313
1,2-Dichloroethane	U		0.0819	1.00	1	08/21/2022 23:29	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/21/2022 23:29	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/21/2022 23:29	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/21/2022 23:29	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/21/2022 23:29	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/21/2022 23:29	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/21/2022 23:29	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/21/2022 23:29	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/21/2022 23:29	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/21/2022 23:29	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/21/2022 23:29	WG1914313
Ethylbenzene	U		0.137	1.00	1	08/21/2022 23:29	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/21/2022 23:29	WG1914313
Isopropylbenzene	U		0.105	1.00	1	08/21/2022 23:29	WG1914313
p-Isopropyltoluene	U		0.120	1.00	1	08/21/2022 23:29	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/21/2022 23:29	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/21/2022 23:29	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/21/2022 23:29	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/21/2022 23:29	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		1.00	5.00	1	08/21/2022 23:29	WG1914313
n-Propylbenzene	U		0.0993	1.00	1	08/21/2022 23:29	WG1914313
Styrene	U		0.118	1.00	1	08/21/2022 23:29	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/21/2022 23:29	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/21/2022 23:29	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/21/2022 23:29	WG1914313
Tetrachloroethene	U		0.300	1.00	1	08/21/2022 23:29	WG1914313
Toluene	U		0.278	1.00	1	08/21/2022 23:29	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/21/2022 23:29	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/21/2022 23:29	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/21/2022 23:29	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/21/2022 23:29	WG1914313
Trichloroethene	U		0.190	1.00	1	08/21/2022 23:29	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/21/2022 23:29	WG1914313
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/21/2022 23:29	WG1914313
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/21/2022 23:29	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/21/2022 23:29	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/21/2022 23:29	WG1914313
Xylenes, Total	U		0.174	3.00	1	08/21/2022 23:29	WG1914313
o-Xylene	U		0.174	1.00	1	08/21/2022 23:29	WG1914313
m&p-Xylene	U		0.430	2.00	1	08/21/2022 23:29	WG1914313
(S) Toluene-d8	*107*			*80.0-120*		*08/21/2022 23:29*	WG1914313
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*08/21/2022 23:29*	WG1914313
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*08/21/2022 23:29*	WG1914313

Semi-Volatile Organic Compounds (GC) by Method AK102

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
AK102 DRO C10-C25	U		179	840	1.05	08/27/2022 09:42	WG1914202
(S) o-Terphenyl	*79.1*			*50.0-150*		*08/27/2022 09:42*	WG1914202

Sample Narrative:

L1526897-06 WG1914202: Dilution due to sample volume.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0190	0.0500	1	08/22/2022 17:35	WG1913486
Acenaphthene	U		0.0190	0.0500	1	08/22/2022 17:35	WG1913486
Acenaphthylene	U		0.0170	0.0500	1	08/22/2022 17:35	WG1913486
Benzo(a)anthracene	U		0.0200	0.0500	1	08/22/2022 17:35	WG1913486
Benzo(a)pyrene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Benzo(b)fluoranthene	U		0.0170	0.0500	1	08/22/2022 17:35	WG1913486
Benzo(g,h,i)perylene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Benzo(k)fluoranthene	U		0.0200	0.250	1	08/22/2022 17:35	WG1913486
Chrysene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Dibenz(a,h)anthracene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Fluoranthene	U		0.0110	0.0500	1	08/22/2022 17:35	WG1913486
Fluorene	U		0.0170	0.0500	1	08/22/2022 17:35	WG1913486
Indeno(1,2,3-cd)pyrene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Naphthalene	U		0.128	0.500	1	08/22/2022 17:35	WG1913486
Phenanthrene	U		0.0180	0.0500	1	08/22/2022 17:35	WG1913486
Pyrene	U		0.0170	0.0500	1	08/22/2022 17:35	WG1913486
1-Methylnaphthalene	U		0.0200	0.500	1	08/22/2022 17:35	WG1913486
2-Methylnaphthalene	U		0.0280	0.500	1	08/22/2022 17:35	WG1913486

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
2-Chloronaphthalene	U		0.0120	0.500	1	08/22/2022 17:35	WG1913486
(S) Nitrobenzene-d5	*44.4*			*11.0-135*		*08/22/2022 17:35*	WG1913486
(S) 2-Fluorobiphenyl	*51.3*			*32.0-120*		*08/22/2022 17:35*	WG1913486
(S) p-Terphenyl-d14	*54.2*			*23.0-122*		*08/22/2022 17:35*	WG1913486

Volatile Organic Compounds (GC) by Method AK101

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPHGAK C6 to C10	U		28.7	100	1	08/19/2022 08:31	WG1913056
(S) a,a,a-Trifluorotoluene(FID)	*86.4*			*50.0-150*		*08/19/2022 08:31*	WG1913056

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,3-Trichloropropane	U		0.00200	0.00500	1	08/22/2022 12:09	WG1913447
Acetone	U		11.3	50.0	1	08/21/2022 22:48	WG1914313
1,2-Dibromoethane	U		0.00410	0.00500	1	08/22/2022 12:09	WG1913447
Acrolein	U		2.54	50.0	1	08/21/2022 22:48	WG1914313
Acrylonitrile	U		0.671	10.0	1	08/21/2022 22:48	WG1914313
Benzene	U		0.0941	1.00	1	08/21/2022 22:48	WG1914313
Bromobenzene	U		0.118	1.00	1	08/21/2022 22:48	WG1914313
Bromochloromethane	U		0.128	1.00	1	08/21/2022 22:48	WG1914313
Bromodichloromethane	U		0.136	1.00	1	08/21/2022 22:48	WG1914313
Bromoform	U		0.129	1.00	1	08/21/2022 22:48	WG1914313
Bromomethane	U		0.605	5.00	1	08/21/2022 22:48	WG1914313
n-Butylbenzene	U		0.157	1.00	1	08/21/2022 22:48	WG1914313
sec-Butylbenzene	U		0.125	1.00	1	08/21/2022 22:48	WG1914313
tert-Butylbenzene	U		0.127	1.00	1	08/21/2022 22:48	WG1914313
Carbon disulfide	U		0.0962	1.00	1	08/21/2022 22:48	WG1914313
Carbon tetrachloride	U		0.128	1.00	1	08/21/2022 22:48	WG1914313
Chlorobenzene	U		0.116	1.00	1	08/21/2022 22:48	WG1914313
Chlorodibromomethane	U		0.140	1.00	1	08/21/2022 22:48	WG1914313
Chloroethane	U		0.192	5.00	1	08/21/2022 22:48	WG1914313
Chloroform	U		0.111	5.00	1	08/21/2022 22:48	WG1914313
Chloromethane	U		0.960	2.50	1	08/21/2022 22:48	WG1914313
2-Chlorotoluene	U		0.106	1.00	1	08/21/2022 22:48	WG1914313
4-Chlorotoluene	U		0.114	1.00	1	08/21/2022 22:48	WG1914313
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/21/2022 22:48	WG1914313
Dibromomethane	U		0.122	1.00	1	08/21/2022 22:48	WG1914313
1,2-Dichlorobenzene	U		0.107	1.00	1	08/21/2022 22:48	WG1914313
1,3-Dichlorobenzene	U		0.110	1.00	1	08/21/2022 22:48	WG1914313
1,4-Dichlorobenzene	U		0.120	1.00	1	08/21/2022 22:48	WG1914313
Dichlorodifluoromethane	U		0.374	5.00	1	08/21/2022 22:48	WG1914313
1,1-Dichloroethane	U		0.100	1.00	1	08/21/2022 22:48	WG1914313
1,2-Dichloroethane	U		0.0819	1.00	1	08/21/2022 22:48	WG1914313
1,1-Dichloroethene	U		0.188	1.00	1	08/21/2022 22:48	WG1914313
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/21/2022 22:48	WG1914313
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/21/2022 22:48	WG1914313
1,2-Dichloropropane	U		0.149	1.00	1	08/21/2022 22:48	WG1914313
1,1-Dichloropropene	U		0.142	1.00	1	08/21/2022 22:48	WG1914313
1,3-Dichloropropane	U		0.110	1.00	1	08/21/2022 22:48	WG1914313
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/21/2022 22:48	WG1914313
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/21/2022 22:48	WG1914313
2,2-Dichloropropane	U		0.161	1.00	1	08/21/2022 22:48	WG1914313
Di-isopropyl ether	U		0.105	1.00	1	08/21/2022 22:48	WG1914313
Ethylbenzene	U		0.137	1.00	1	08/21/2022 22:48	WG1914313
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/21/2022 22:48	WG1914313
Isopropylbenzene	U		0.105	1.00	1	08/21/2022 22:48	WG1914313
p-Isopropyltoluene	U		0.120	1.00	1	08/21/2022 22:48	WG1914313
2-Butanone (MEK)	U		1.19	10.0	1	08/21/2022 22:48	WG1914313
Methylene Chloride	U		0.430	5.00	1	08/21/2022 22:48	WG1914313
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/21/2022 22:48	WG1914313
Methyl tert-butyl ether	U		0.101	1.00	1	08/21/2022 22:48	WG1914313

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		1.00	5.00	1	08/21/2022 22:48	WG1914313
n-Propylbenzene	U		0.0993	1.00	1	08/21/2022 22:48	WG1914313
Styrene	U		0.118	1.00	1	08/21/2022 22:48	WG1914313
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/21/2022 22:48	WG1914313
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/21/2022 22:48	WG1914313
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/21/2022 22:48	WG1914313
Tetrachloroethene	U		0.300	1.00	1	08/21/2022 22:48	WG1914313
Toluene	U		0.278	1.00	1	08/21/2022 22:48	WG1914313
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/21/2022 22:48	WG1914313
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/21/2022 22:48	WG1914313
1,1,1-Trichloroethane	U		0.149	1.00	1	08/21/2022 22:48	WG1914313
1,1,2-Trichloroethane	U		0.158	1.00	1	08/21/2022 22:48	WG1914313
Trichloroethene	U		0.190	1.00	1	08/21/2022 22:48	WG1914313
Trichlorofluoromethane	U		0.160	5.00	1	08/21/2022 22:48	WG1914313
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/21/2022 22:48	WG1914313
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/21/2022 22:48	WG1914313
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/21/2022 22:48	WG1914313
Vinyl chloride	U		0.234	1.00	1	08/21/2022 22:48	WG1914313
Xylenes, Total	U		0.174	3.00	1	08/21/2022 22:48	WG1914313
o-Xylene	U		0.174	1.00	1	08/21/2022 22:48	WG1914313
m&p-Xylene	U		0.430	2.00	1	08/21/2022 22:48	WG1914313
(S) Toluene-d8	*103*			*80.0-120*		*08/21/2022 22:48*	WG1914313
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*08/21/2022 22:48*	WG1914313
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*08/21/2022 22:48*	WG1914313

Method Blank (MB)

(MB) R3828634-2 08/19/22 06:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPHGAK C6 to C10	29.5	J	28.7	100
(S) a,a,a-Trifluorotoluene(FID)	*88.7*			*60.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3828634-1 08/19/22 05:53 • (LCSD) R3828634-9 08/20/22 06:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHGAK C6 to C10	5000	5030	4790	101	95.8	60.0-120			4.89	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*96.9*	*60.0-120*				

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/19/22 11:41 • (MS) R3828634-7 08/19/22 19:01 • (MSD) R3828634-8 08/19/22 19:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHGAK C6 to C10	10000	44.8	10200	5500	102	109	1	70.0-130		J3	59.9	20
(S) a,a,a-Trifluorotoluene(FID)					*109*	*103*		*50.0-150*				

L1525939-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1525939-01 08/19/22 10:17 • (MS) R3828634-3 08/19/22 16:31 • (MSD) R3828634-4 08/19/22 16:57

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHGAK C6 to C10	5000	U	4760	5020	95.2	100	1	70.0-130			5.32	20
(S) a,a,a-Trifluorotoluene(FID)					*102*	*109*		*50.0-150*				

L1525913-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1525913-05 08/19/22 09:24 • (MS) R3828634-5 08/19/22 18:08 • (MSD) R3828634-6 08/19/22 18:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHGAK C6 to C10	5000	U	3580	4370	71.6	87.4	1	70.0-130			19.9	20
(S) a,a,a-Trifluorotoluene(FID)					*100*	*94.9*		*50.0-150*				

Method Blank (MB)

(MB) R3829091-2 08/22/22 11:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichloropropane	U		0.00200	0.00500
1,2-Dibromoethane	U		0.00410	0.00500

Laboratory Control Sample (LCS)

(LCS) R3829091-1 08/22/22 11:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2,3-Trichloropropane	0.0500	0.0630	126	70.0-130	
1,2-Dibromoethane	0.0500	0.0520	104	70.0-130	

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/22/22 16:33 • (MS) R3829091-3 08/22/22 18:09 • (MSD) R3829091-4 08/22/22 18:33

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,3-Trichloropropane	0.500	U	0.410	0.460	82.0	92.0	10	70.0-130			11.5	20
1,2-Dibromoethane	0.500	U	0.400	0.410	80.0	82.0	10	70.0-130			2.47	20

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

Method Blank (MB)

(MB) R3828742-3 08/21/22 21:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00

Method Blank (MB)

(MB) R3828742-3 08/21/22 21:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3828742-1 08/21/22 19:11 • (LCSD) R3828742-2 08/21/22 19:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	21.5	23.2	86.0	92.8	19.0-160			7.61	27
Acrolein	25.0	26.1	29.1	104	116	10.0-160			10.9	26

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3828742-1 08/21/22 19:11 • (LCSD) R3828742-2 08/21/22 19:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acrylonitrile	25.0	23.8	24.0	95.2	96.0	55.0-149			0.837	20
Benzene	5.00	4.57	4.44	91.4	88.8	70.0-123			2.89	20
Bromobenzene	5.00	4.81	4.85	96.2	97.0	73.0-121			0.828	20
Bromochloromethane	5.00	4.69	4.85	93.8	97.0	76.0-122			3.35	20
Bromodichloromethane	5.00	4.75	4.54	95.0	90.8	75.0-120			4.52	20
Bromoform	5.00	4.56	4.41	91.2	88.2	68.0-132			3.34	20
Bromomethane	5.00	5.21	4.80	104	96.0	10.0-160			8.19	25
n-Butylbenzene	5.00	4.38	4.47	87.6	89.4	73.0-125			2.03	20
sec-Butylbenzene	5.00	4.68	4.56	93.6	91.2	75.0-125			2.60	20
tert-Butylbenzene	5.00	4.61	4.61	92.2	92.2	76.0-124			0.000	20
Carbon disulfide	5.00	4.72	4.55	94.4	91.0	61.0-128			3.67	20
Carbon tetrachloride	5.00	4.80	4.57	96.0	91.4	68.0-126			4.91	20
Chlorobenzene	5.00	5.01	4.50	100	90.0	80.0-121			10.7	20
Chlorodibromomethane	5.00	4.83	4.53	96.6	90.6	77.0-125			6.41	20
Chloroethane	5.00	4.80	4.52	96.0	90.4	47.0-150			6.01	20
Chloroform	5.00	4.89	4.64	97.8	92.8	73.0-120			5.25	20
Chloromethane	5.00	5.17	4.68	103	93.6	41.0-142			9.95	20
2-Chlorotoluene	5.00	4.47	4.43	89.4	88.6	76.0-123			0.899	20
4-Chlorotoluene	5.00	4.49	4.74	89.8	94.8	75.0-122			5.42	20
1,2-Dibromo-3-Chloropropane	5.00	4.14	4.57	82.8	91.4	58.0-134			9.87	20
Dibromomethane	5.00	4.95	4.81	99.0	96.2	80.0-120			2.87	20
1,2-Dichlorobenzene	5.00	4.53	4.52	90.6	90.4	79.0-121			0.221	20
1,3-Dichlorobenzene	5.00	4.56	4.62	91.2	92.4	79.0-120			1.31	20
1,4-Dichlorobenzene	5.00	4.45	4.40	89.0	88.0	79.0-120			1.13	20
Dichlorodifluoromethane	5.00	5.19	4.46	104	89.2	51.0-149			15.1	20
1,1-Dichloroethane	5.00	4.86	4.55	97.2	91.0	70.0-126			6.59	20
1,2-Dichloroethane	5.00	4.29	4.17	85.8	83.4	70.0-128			2.84	20
1,1-Dichloroethene	5.00	4.62	4.67	92.4	93.4	71.0-124			1.08	20
cis-1,2-Dichloroethene	5.00	4.82	4.76	96.4	95.2	73.0-120			1.25	20
trans-1,2-Dichloroethene	5.00	4.68	4.44	93.6	88.8	73.0-120			5.26	20
1,2-Dichloropropane	5.00	4.59	4.46	91.8	89.2	77.0-125			2.87	20
1,1-Dichloropropene	5.00	4.68	4.54	93.6	90.8	74.0-126			3.04	20
1,3-Dichloropropane	5.00	4.81	4.58	96.2	91.6	80.0-120			4.90	20
cis-1,3-Dichloropropene	5.00	4.62	4.67	92.4	93.4	80.0-123			1.08	20
trans-1,3-Dichloropropene	5.00	4.96	4.68	99.2	93.6	78.0-124			5.81	20
2,2-Dichloropropane	5.00	4.71	4.20	94.2	84.0	58.0-130			11.4	20
Di-isopropyl ether	5.00	4.77	4.64	95.4	92.8	58.0-138			2.76	20
Ethylbenzene	5.00	5.32	4.55	106	91.0	79.0-123			15.6	20
Hexachloro-1,3-butadiene	5.00	4.52	4.58	90.4	91.6	54.0-138			1.32	20
Isopropylbenzene	5.00	4.95	4.57	99.0	91.4	76.0-127			7.98	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3828742-1 08/21/22 19:11 • (LCSD) R3828742-2 08/21/22 19:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
p-Isopropyltoluene	5.00	4.67	4.73	93.4	94.6	76.0-125			1.28	20
2-Butanone (MEK)	25.0	21.7	22.1	86.8	88.4	44.0-160			1.83	20
Methylene Chloride	5.00	4.64	4.53	92.8	90.6	67.0-120			2.40	20
4-Methyl-2-pentanone (MIBK)	25.0	24.1	23.2	96.4	92.8	68.0-142			3.81	20
Methyl tert-butyl ether	5.00	4.78	4.61	95.6	92.2	68.0-125			3.62	20
Naphthalene	5.00	4.29	4.50	85.8	90.0	54.0-135			4.78	20
n-Propylbenzene	5.00	4.57	4.65	91.4	93.0	77.0-124			1.74	20
Styrene	5.00	4.77	4.53	95.4	90.6	73.0-130			5.16	20
1,1,1,2-Tetrachloroethane	5.00	4.81	4.41	96.2	88.2	75.0-125			8.68	20
1,1,2,2-Tetrachloroethane	5.00	4.51	4.72	90.2	94.4	65.0-130			4.55	20
1,1,2-Trichlorotrifluoroethane	5.00	4.97	4.46	99.4	89.2	69.0-132			10.8	20
Tetrachloroethene	5.00	5.02	4.84	100	96.8	72.0-132			3.65	20
Toluene	5.00	4.79	4.32	95.8	86.4	79.0-120			10.3	20
1,2,3-Trichlorobenzene	5.00	4.42	4.82	88.4	96.4	50.0-138			8.66	20
1,2,4-Trichlorobenzene	5.00	4.49	4.78	89.8	95.6	57.0-137			6.26	20
1,1,1-Trichloroethane	5.00	4.79	4.45	95.8	89.0	73.0-124			7.36	20
1,1,2-Trichloroethane	5.00	4.76	4.66	95.2	93.2	80.0-120			2.12	20
Trichloroethene	5.00	4.75	4.59	95.0	91.8	78.0-124			3.43	20
Trichlorofluoromethane	5.00	5.07	4.88	101	97.6	59.0-147			3.82	20
1,2,4-Trimethylbenzene	5.00	4.72	4.94	94.4	98.8	76.0-121			4.55	20
1,2,3-Trimethylbenzene	5.00	4.76	4.68	95.2	93.6	77.0-120			1.69	20
1,3,5-Trimethylbenzene	5.00	4.58	4.73	91.6	94.6	76.0-122			3.22	20
Vinyl chloride	5.00	5.07	4.78	101	95.6	67.0-131			5.89	20
Xylenes, Total	15.0	14.9	13.8	99.3	92.0	79.0-123			7.67	20
o-Xylene	5.00	4.99	4.52	99.8	90.4	80.0-122			9.88	20
m&p-Xylenes	10.0	9.96	9.26	99.6	92.6	80.0-122			7.28	20
(S) Toluene-d8				*105*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.8*	*98.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.4*	*95.3*	*70.0-130*				

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/22/22 00:30 • (MS) R3828742-4 08/22/22 05:40 • (MSD) R3828742-5 08/22/22 06:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	29.2	24.9	117	99.6	1	10.0-160			15.9	35
Acrolein	25.0	U	33.5	30.3	134	121	1	10.0-160			10.0	39
Acrylonitrile	25.0	U	29.9	26.7	120	107	1	21.0-160			11.3	32
Benzene	5.00	U	5.68	5.10	114	102	1	17.0-158			10.8	27

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/22/22 00:30 • (MS) R3828742-4 08/22/22 05:40 • (MSD) R3828742-5 08/22/22 06:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	U	5.85	5.40	117	108	1	30.0-149			8.00	28
Bromochloromethane	5.00	U	6.11	5.47	122	109	1	38.0-142			11.1	26
Bromodichloromethane	5.00	U	6.11	5.25	122	105	1	31.0-150			15.1	27
Bromoform	5.00	U	5.89	4.89	118	97.8	1	29.0-150			18.6	29
Bromomethane	5.00	U	5.90	5.22	118	104	1	10.0-160			12.2	38
n-Butylbenzene	5.00	U	5.51	4.70	110	94.0	1	31.0-150			15.9	30
sec-Butylbenzene	5.00	U	5.96	5.11	119	102	1	33.0-155			15.4	29
tert-Butylbenzene	5.00	U	5.90	5.41	118	108	1	34.0-153			8.66	28
Carbon disulfide	5.00	U	5.28	4.65	106	93.0	1	10.0-156			12.7	28
Carbon tetrachloride	5.00	U	6.29	5.58	126	112	1	23.0-159			12.0	28
Chlorobenzene	5.00	U	6.11	5.28	122	106	1	33.0-152			14.6	27
Chlorodibromomethane	5.00	U	6.09	5.23	122	105	1	37.0-149			15.2	27
Chloroethane	5.00	U	5.93	5.10	119	102	1	10.0-160			15.0	30
Chloroform	5.00	U	6.17	5.50	123	110	1	29.0-154			11.5	28
Chloromethane	5.00	U	6.25	5.53	125	111	1	10.0-160			12.2	29
2-Chlorotoluene	5.00	U	5.55	5.14	111	103	1	32.0-153			7.67	28
4-Chlorotoluene	5.00	U	5.69	5.06	114	101	1	32.0-150			11.7	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.73	4.97	115	99.4	1	22.0-151			14.2	34
Dibromomethane	5.00	U	5.94	5.22	119	104	1	30.0-151			12.9	27
1,2-Dichlorobenzene	5.00	U	5.89	5.01	118	100	1	34.0-149			16.1	28
1,3-Dichlorobenzene	5.00	U	5.52	4.96	110	99.2	1	36.0-146			10.7	27
1,4-Dichlorobenzene	5.00	U	5.57	4.92	111	98.4	1	35.0-142			12.4	27
Dichlorodifluoromethane	5.00	U	6.83	5.66	137	113	1	10.0-160			18.7	29
1,1-Dichloroethane	5.00	U	6.34	5.36	127	107	1	25.0-158			16.8	27
1,2-Dichloroethane	5.00	U	5.56	4.62	111	92.4	1	29.0-151			18.5	27
1,1-Dichloroethene	5.00	U	6.24	5.32	125	106	1	11.0-160			15.9	29
cis-1,2-Dichloroethene	5.00	29.1	35.2	32.8	122	74.0	1	10.0-160			7.06	27
trans-1,2-Dichloroethene	5.00	0.179	6.00	5.07	116	97.8	1	17.0-153			16.8	27
1,2-Dichloropropane	5.00	U	5.83	5.10	117	102	1	30.0-156			13.4	27
1,1-Dichloropropene	5.00	U	5.87	5.30	117	106	1	25.0-158			10.2	27
1,3-Dichloropropane	5.00	U	6.20	5.26	124	105	1	38.0-147			16.4	27
cis-1,3-Dichloropropene	5.00	U	5.79	4.96	116	99.2	1	34.0-149			15.4	28
trans-1,3-Dichloropropene	5.00	U	5.99	5.12	120	102	1	32.0-149			15.7	28
2,2-Dichloropropane	5.00	U	6.11	5.35	122	107	1	24.0-152			13.3	29
Di-isopropyl ether	5.00	U	5.94	5.16	119	103	1	21.0-160			14.1	28
Ethylbenzene	5.00	U	6.05	5.31	121	106	1	30.0-155			13.0	27
Hexachloro-1,3-butadiene	5.00	U	5.63	4.95	113	99.0	1	20.0-154			12.9	34
Isopropylbenzene	5.00	U	6.31	5.20	126	104	1	28.0-157			19.3	27
p-Isopropyltoluene	5.00	U	5.82	5.08	116	102	1	30.0-154			13.6	29
2-Butanone (MEK)	25.0	U	28.9	24.5	116	98.0	1	10.0-160			16.5	32

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/22/22 00:30 • (MS) R3828742-4 08/22/22 05:40 • (MSD) R3828742-5 08/22/22 06:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methylene Chloride	5.00	U	5.70	5.27	114	105	1	23.0-144			7.84	28
4-Methyl-2-pentanone (MIBK)	25.0	U	31.2	26.0	125	104	1	29.0-160			18.2	29
Methyl tert-butyl ether	5.00	U	5.68	5.05	114	101	1	28.0-150			11.7	29
Naphthalene	5.00	U	5.10	4.99	102	99.8	1	12.0-156			2.18	35
n-Propylbenzene	5.00	U	5.62	4.99	112	99.8	1	31.0-154			11.9	28
Styrene	5.00	U	6.00	4.86	120	97.2	1	33.0-155			21.0	28
1,1,1,2-Tetrachloroethane	5.00	U	6.02	5.05	120	101	1	36.0-151			17.5	29
1,1,2,2-Tetrachloroethane	5.00	U	6.19	5.64	124	113	1	33.0-150			9.30	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.98	5.41	120	108	1	23.0-160			10.0	30
Tetrachloroethene	5.00	46.1	50.9	47.2	96.0	22.0	1	10.0-160			7.54	27
Toluene	5.00	U	5.85	4.90	117	98.0	1	26.0-154			17.7	28
1,2,3-Trichlorobenzene	5.00	U	5.59	4.90	112	98.0	1	17.0-150			13.2	36
1,2,4-Trichlorobenzene	5.00	U	5.17	4.71	103	94.2	1	24.0-150			9.31	33
1,1,1-Trichloroethane	5.00	U	6.40	5.37	128	107	1	23.0-160			17.5	28
1,1,2-Trichloroethane	5.00	U	6.11	5.04	122	101	1	35.0-147			19.2	27
Trichloroethene	5.00	11.1	16.2	15.2	102	82.0	1	10.0-160			6.37	25
Trichlorofluoromethane	5.00	U	6.84	5.65	137	113	1	17.0-160			19.1	31
1,2,4-Trimethylbenzene	5.00	U	5.68	5.04	114	101	1	26.0-154			11.9	27
1,2,3-Trimethylbenzene	5.00	U	5.66	5.06	113	101	1	32.0-149			11.2	28
1,3,5-Trimethylbenzene	5.00	U	5.75	5.13	115	103	1	28.0-153			11.4	27
Vinyl chloride	5.00	U	6.25	5.71	125	114	1	10.0-160			9.03	27
Xylenes, Total	15.0	U	18.4	15.3	123	102	1	29.0-154			18.4	28
o-Xylene	5.00	U	6.09	5.17	122	103	1	45.0-144			16.3	26
m&p-Xylenes	10.0	U	12.3	10.1	123	101	1	43.0-146			19.6	26
(S) Toluene-d8					*101*	*99.1*		*80.0-120*				
(S) 4-Bromofluorobenzene					*102*	*97.5*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*100*	*97.9*		*70.0-130*				

L1526973-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526973-14 08/22/22 02:55 • (MS) R3828742-6 08/22/22 06:20 • (MSD) R3828742-7 08/22/22 06:41

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	25.1	25.2	100	101	1	10.0-160			0.398	35
Acrolein	25.0	U	31.8	32.3	127	129	1	10.0-160			1.56	39
Acrylonitrile	25.0	U	28.3	27.0	113	108	1	21.0-160			4.70	32
Benzene	5.00	U	5.16	5.13	103	103	1	17.0-158			0.583	27
Bromobenzene	5.00	U	5.28	5.81	106	116	1	30.0-149			9.56	28
Bromochloromethane	5.00	U	5.57	5.32	111	106	1	38.0-142			4.59	26

L1526973-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526973-14 08/22/22 02:55 • (MS) R3828742-6 08/22/22 06:20 • (MSD) R3828742-7 08/22/22 06:41

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	5.00	U	5.44	5.60	109	112	1	31.0-150			2.90	27
Bromoform	5.00	U	5.37	5.10	107	102	1	29.0-150			5.16	29
Bromomethane	5.00	U	4.99	5.26	99.8	105	1	10.0-160			5.27	38
n-Butylbenzene	5.00	U	4.82	5.06	96.4	101	1	31.0-150			4.86	30
sec-Butylbenzene	5.00	U	5.32	5.76	106	115	1	33.0-155			7.94	29
tert-Butylbenzene	5.00	U	5.32	5.57	106	111	1	34.0-153			4.59	28
Carbon disulfide	5.00	U	4.92	4.71	98.4	94.2	1	10.0-156			4.36	28
Carbon tetrachloride	5.00	U	5.68	5.81	114	116	1	23.0-159			2.26	28
Chlorobenzene	5.00	U	5.51	5.22	110	104	1	33.0-152			5.41	27
Chlorodibromomethane	5.00	U	5.52	5.26	110	105	1	37.0-149			4.82	27
Chloroethane	5.00	U	5.31	5.03	106	101	1	10.0-160			5.42	30
Chloroform	5.00	U	5.47	5.58	109	112	1	29.0-154			1.99	28
Chloromethane	5.00	U	4.73	4.79	94.6	95.8	1	10.0-160			1.26	29
2-Chlorotoluene	5.00	U	5.26	5.46	105	109	1	32.0-153			3.73	28
4-Chlorotoluene	5.00	U	5.15	5.55	103	111	1	32.0-150			7.48	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.17	4.86	103	97.2	1	22.0-151			6.18	34
Dibromomethane	5.00	U	5.51	5.30	110	106	1	30.0-151			3.89	27
1,2-Dichlorobenzene	5.00	U	5.13	5.33	103	107	1	34.0-149			3.82	28
1,3-Dichlorobenzene	5.00	U	5.09	5.39	102	108	1	36.0-146			5.73	27
1,4-Dichlorobenzene	5.00	U	4.90	5.18	98.0	104	1	35.0-142			5.56	27
Dichlorodifluoromethane	5.00	U	5.54	5.35	111	107	1	10.0-160			3.49	29
1,1-Dichloroethane	5.00	U	5.67	5.59	113	112	1	25.0-158			1.42	27
1,2-Dichloroethane	5.00	U	4.90	4.68	98.0	93.6	1	29.0-151			4.59	27
1,1-Dichloroethene	5.00	U	5.32	5.55	106	111	1	11.0-160			4.23	29
cis-1,2-Dichloroethene	5.00	0.721	6.21	5.94	110	104	1	10.0-160			4.44	27
trans-1,2-Dichloroethene	5.00	U	5.14	5.19	103	104	1	17.0-153			0.968	27
1,2-Dichloropropane	5.00	U	5.21	5.02	104	100	1	30.0-156			3.71	27
1,1-Dichloropropene	5.00	U	5.48	5.24	110	105	1	25.0-158			4.48	27
1,3-Dichloropropane	5.00	U	5.42	5.23	108	105	1	38.0-147			3.57	27
cis-1,3-Dichloropropene	5.00	U	5.13	5.17	103	103	1	34.0-149			0.777	28
trans-1,3-Dichloropropene	5.00	U	5.44	5.24	109	105	1	32.0-149			3.75	28
2,2-Dichloropropane	5.00	U	5.35	5.09	107	102	1	24.0-152			4.98	29
Di-isopropyl ether	5.00	U	5.28	5.37	106	107	1	21.0-160			1.69	28
Ethylbenzene	5.00	U	5.65	5.21	113	104	1	30.0-155			8.10	27
Hexachloro-1,3-butadiene	5.00	U	4.96	5.34	99.2	107	1	20.0-154			7.38	34
Isopropylbenzene	5.00	U	5.50	5.36	110	107	1	28.0-157			2.58	27
p-Isopropyltoluene	5.00	U	5.19	5.36	104	107	1	30.0-154			3.22	29
2-Butanone (MEK)	25.0	U	25.8	26.0	103	104	1	10.0-160			0.772	32
Methylene Chloride	5.00	U	5.29	5.01	106	100	1	23.0-144			5.44	28
4-Methyl-2-pentanone (MIBK)	25.0	U	27.6	26.5	110	106	1	29.0-160			4.07	29

L1526973-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526973-14 08/22/22 02:55 • (MS) R3828742-6 08/22/22 06:20 • (MSD) R3828742-7 08/22/22 06:41

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	5.00	U	5.21	5.25	104	105	1	28.0-150			0.765	29
Naphthalene	5.00	U	4.86	5.19	97.2	104	1	12.0-156			6.57	35
n-Propylbenzene	5.00	U	5.33	5.43	107	109	1	31.0-154			1.86	28
Styrene	5.00	U	5.40	5.19	108	104	1	33.0-155			3.97	28
1,1,1,2-Tetrachloroethane	5.00	U	5.25	5.21	105	104	1	36.0-151			0.765	29
1,1,2,2-Tetrachloroethane	5.00	U	5.27	5.78	105	116	1	33.0-150			9.23	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.10	5.03	102	101	1	23.0-160			1.38	30
Tetrachloroethene	5.00	U	5.85	5.33	117	107	1	10.0-160			9.30	27
Toluene	5.00	U	5.13	5.02	103	100	1	26.0-154			2.17	28
1,2,3-Trichlorobenzene	5.00	U	4.94	5.29	98.8	106	1	17.0-150			6.84	36
1,2,4-Trichlorobenzene	5.00	U	5.11	5.00	102	100	1	24.0-150			2.18	33
1,1,1-Trichloroethane	5.00	U	5.66	5.64	113	113	1	23.0-160			0.354	28
1,1,2-Trichloroethane	5.00	U	5.41	5.05	108	101	1	35.0-147			6.88	27
Trichloroethene	5.00	U	5.20	4.95	104	99.0	1	10.0-160			4.93	25
Trichlorofluoromethane	5.00	U	5.97	5.98	119	120	1	17.0-160			0.167	31
1,2,4-Trimethylbenzene	5.00	U	5.08	5.29	102	106	1	26.0-154			4.05	27
1,2,3-Trimethylbenzene	5.00	U	5.14	5.37	103	107	1	32.0-149			4.38	28
1,3,5-Trimethylbenzene	5.00	U	5.36	5.29	107	106	1	28.0-153			1.31	27
Vinyl chloride	5.00	U	5.89	5.92	118	118	1	10.0-160			0.508	27
Xylenes, Total	15.0	U	16.3	15.8	109	105	1	29.0-154			3.12	28
o-Xylene	5.00	U	5.44	5.27	109	105	1	45.0-144			3.17	26
m&p-Xylenes	10.0	U	10.9	10.5	109	105	1	43.0-146			3.74	26
(S) Toluene-d8					*101*	*98.6*		*80.0-120*				
(S) 4-Bromofluorobenzene					*101*	*103*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*97.4*	*99.4*		*70.0-130*				

Method Blank (MB)

(MB) R3829631-2 08/23/22 10:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichloropropane	U		0.00200	0.00500
1,2-Dibromoethane	U		0.00410	0.00500

Laboratory Control Sample (LCS)

(LCS) R3829631-1 08/23/22 09:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2,3-Trichloropropane	0.0500	0.0440	88.0	70.0-130	
1,2-Dibromoethane	0.0500	0.0390	78.0	70.0-130	

Method Blank (MB)

(MB) R3831166-1 08/27/22 05:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
AK102 DRO C10-C25	U		170	800
(S) o-Terphenyl	*89.9*			*60.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3831166-2 08/27/22 06:15 • (LCSD) R3831166-3 08/27/22 06:38

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
AK102 DRO C10-C25	6000	5640	6200	94.0	103	75.0-125			9.46	20
(S) o-Terphenyl				*82.1*	*89.5*	*60.0-120*				

L1526897-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526897-01 08/27/22 07:01 • (MS) R3831166-4 08/27/22 07:24 • (MSD) R3831166-5 08/27/22 07:47

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
AK102 DRO C10-C25	6000	193	6010	5210	97.0	83.6	1	75.0-125			14.3	20
(S) o-Terphenyl					*93.9*	*105*		*50.0-150*				

Sample Narrative:

OS: Dilution due to sample volume.

Method Blank (MB)

(MB) R3828865-2 08/20/22 08:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0170	0.0500
Benzo(a)anthracene	U		0.0200	0.0500
Benzo(a)pyrene	U		0.0180	0.0500
Benzo(b)fluoranthene	U		0.0170	0.0500
Benzo(g,h,i)perylene	U		0.0180	0.0500
Benzo(k)fluoranthene	U		0.0200	0.250
Chrysene	U		0.0180	0.0500
Dibenz(a,h)anthracene	U		0.0180	0.0500
Fluoranthene	U		0.0110	0.0500
Fluorene	U		0.0170	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0180	0.0500
Naphthalene	U		0.128	0.500
Phenanthrene	U		0.0180	0.0500
Pyrene	U		0.0170	0.0500
1-Methylnaphthalene	U		0.0200	0.500
2-Methylnaphthalene	U		0.0280	0.500
2-Chloronaphthalene	U		0.0120	0.500
(S) Nitrobenzene-d5	*58.0*			*11.0-135*
(S) 2-Fluorobiphenyl	*59.5*			*32.0-120*
(S) p-Terphenyl-d14	*68.0*			*23.0-122*

Laboratory Control Sample (LCS)

(LCS) R3828865-1 08/20/22 07:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	1.45	72.5	43.0-127	
Acenaphthene	2.00	1.40	70.0	42.0-120	
Acenaphthylene	2.00	1.28	64.0	43.0-120	
Benzo(a)anthracene	2.00	1.73	86.5	46.0-120	
Benzo(a)pyrene	2.00	1.92	96.0	44.0-122	
Benzo(b)fluoranthene	2.00	1.83	91.5	43.0-122	
Benzo(g,h,i)perylene	2.00	1.48	74.0	25.0-137	
Benzo(k)fluoranthene	2.00	1.72	86.0	39.0-128	
Chrysene	2.00	1.63	81.5	42.0-129	
Dibenz(a,h)anthracene	2.00	1.60	80.0	25.0-139	
Fluoranthene	2.00	1.67	83.5	48.0-131	

Laboratory Control Sample (LCS)

(LCS) R3828865-1 08/20/22 07:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	2.00	1.51	75.5	42.0-120	
Indeno(1,2,3-cd)pyrene	2.00	1.87	93.5	37.0-133	
Naphthalene	2.00	1.26	63.0	30.0-120	
Phenanthrene	2.00	1.46	73.0	42.0-120	
Pyrene	2.00	1.79	89.5	38.0-124	
1-Methylnaphthalene	2.00	1.32	66.0	43.0-120	
2-Methylnaphthalene	2.00	1.35	67.5	40.0-120	
2-Chloronaphthalene	2.00	1.12	56.0	39.0-120	
(S) Nitrobenzene-d5			*68.0*	*11.0-135*	
(S) 2-Fluorobiphenyl			*58.0*	*32.0-120*	
(S) p-Terphenyl-d14			*85.5*	*23.0-122*	

L1526912-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526912-11 08/20/22 10:10 • (MS) R3828865-3 08/20/22 10:30 • (MSD) R3828865-4 08/20/22 10:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	U	1.05	1.07	52.5	53.5	1	28.0-120			1.89	25
Acenaphthene	2.00	0.0567	1.15	1.21	54.7	57.7	1	16.0-120			5.08	25
Acenaphthylene	2.00	U	1.03	1.05	51.5	52.5	1	16.0-121			1.92	26
Benzo(a)anthracene	2.00	U	1.13	1.28	56.5	64.0	1	19.0-125			12.4	26
Benzo(a)pyrene	2.00	U	0.914	1.17	45.7	58.5	1	10.0-126	V3		24.6	32
Benzo(b)fluoranthene	2.00	U	0.966	1.17	48.3	58.5	1	10.0-125	V3		19.1	36
Benzo(g,h,i)perylene	2.00	U	0.269	0.458	13.4	22.9	1	10.0-128	V3	J3	52.0	37
Benzo(k)fluoranthene	2.00	U	0.865	1.17	43.3	58.5	1	10.0-124	V3		30.0	32
Chrysene	2.00	U	1.05	1.25	52.5	62.5	1	18.0-127			17.4	26
Dibenz(a,h)anthracene	2.00	U	0.240	0.397	12.0	19.8	1	10.0-132	V3	J3	49.3	43
Fluoranthene	2.00	U	1.07	1.01	53.5	50.5	1	37.0-122			5.77	23
Fluorene	2.00	0.0540	1.17	1.23	55.8	58.8	1	20.0-120			5.00	26
Indeno(1,2,3-cd)pyrene	2.00	U	0.345	0.592	17.3	29.6	1	10.0-130	V3	J3	52.7	38
Naphthalene	2.00	14.3	14.3	14.1	0.000	0.000	1	14.0-120	V	V	1.41	20
Phenanthrene	2.00	U	1.09	1.15	54.5	57.5	1	26.0-120			5.36	24
Pyrene	2.00	U	1.34	1.20	67.0	60.0	1	29.0-120			11.0	24
1-Methylnaphthalene	2.00	8.85	9.30	9.59	22.5	37.0	1	10.0-145			3.07	24
2-Methylnaphthalene	2.00	11.5	11.3	12.2	0.000	35.0	1	10.0-143	V		7.66	24
2-Chloronaphthalene	2.00	U	0.976	1.05	48.8	52.5	1	16.0-120			7.31	25
(S) Nitrobenzene-d5					*47.1*	*53.0*		*11.0-135*				
(S) 2-Fluorobiphenyl					*48.9*	*51.0*		*32.0-120*				
(S) p-Terphenyl-d14					*54.0*	*57.5*		*23.0-122*				

L1526912-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1526912-11 08/20/22 10:10 • (MS) R3828865-3 08/20/22 10:30 • (MSD) R3828865-4 08/20/22 10:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %

Sample Narrative:

OS: Marginal surrogate failure due to matrix interference

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
V	The sample concentration is too high to evaluate accurate spike recoveries.
V3	The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - AK

880 H St.
Anchorage, AK 99501

Billing Information:
Attn: Acounts Payable
630 Plaza Dr Ste 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Sydney Clark/Erika Midkiff/Gerald Robins

Email To:
Gerald.Robinson@arcadis.com;Sydney.Clark@ar

Project Description:
97324

City/State Collected: Anchorage, AK

Please Circle: PT MT CT ET (AKST)

Phone: 907-276-8095

Client Project #
30063667.19.21

Lab Project #
CHEVARCAK-97324

Collected by (print):
E. Wyatt

Site/Facility ID #
4417 LAKE OTIS PKWY,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day X Standard

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	AK101 40mlAmb HCl	AK102 100ml Amb HCl	EDB/123TCP 524LL 40mlAmb-HCl	PAHs 8270ESIM 100ml Amb-NoPres	VOCs 8260D 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-9-W-20220816	Grab	GW	—	8.16.22	0700	3	X	X	X		X	MS/MSD	-01
MW-2R-W-20220816		GW	—		0800	13	X	X	X	X	X		-02
MW-8RR-W-20220816		GW	—		0900	11	X	X	X		X		-03
MW-1R-W-20220816		GW	—		1000	11	X	X	X		X		-04
BD-1-W-20220816		GW	—		—	13	X	X	X	X	X		-05
EQB-1-W-20220816		GW	—		1100	13	X	X	X	X	X		-06
Trip Blank	—	GW	—	—	—	4	X		X		X		-07
		GW											

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # B221
U526897

Acctnum: CHEVARCAK
Template: T213145
Prelogin: P938867
PM: 110 - Brian Ford
PB: 8 7/21/22
Shipped Via: FedEX 2nd Day

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier _____

Tracking # 5719 6188 2082

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	8.17.22	1100		4	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0.1.3 °C Bottles Received: 94	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8/18/22 Time: 845	Hold: / Condition: NCF / OK

APPENDIX D

Laboratory Data Review Checklist

Completed By:

Bhagyashree A Fulzele

Title:

Project Chemist

Date:

October 06, 2022

Consultant Firm:

ARCADIS U.S., Inc

Laboratory Name:

Pace Analytical

Laboratory Report Number:

L1526897

Laboratory Report Date:

08/29/2022

CS Site Name:

Second Semi Annual 2022 Groundwater Monitoring Report

ADEC File Number:

2100.26.008

Hazard Identification Number:

23885

Note: Any N/A or No box checked must have an explanation in the comments box.

1. Laboratory

   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?

   Yes☒ No☐ N/A☐ Comments:

Yes.

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?

   Yes☐ No☐ N/A☒ Comments:

Not applicable.

2. Chain of Custody (CoC)

   a. CoC information completed, signed, and dated (including released/received by)?

   Yes☒ No☐ N/A☐ Comments:

Yes.

   b. Correct analyses requested?

   Yes☒ No☐ N/A☐ Comments:

Yes.

3. Laboratory Sample Receipt Documentation

   a. Sample/cooler temperature documented and within range at receipt (0° to 6° C)?

   Yes☒ No☐ N/A☐ Comments:

Yes.

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

   Yes☒ No☐ N/A☐ Comments:

Yes.

   c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

   Yes☐ No☒ N/A☐ Comments:

No.

   d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

   Yes☒ No☐ N/A☐ Comments:

Yes.

e. Data quality or usability affected?

Comments:

Data quality/usability was not affected.

4. Case Narrative

a. Present and understandable?

Yes☒ No☐ N/A☐ Comments:

Yes.

b. Discrepancies, errors, or QC failures identified by the lab?

Yes☒ No☐ N/A☐ Comments:

Yes.

c. Were all corrective actions documented?

Yes☒ No☐ N/A☐ Comments:

Yes.

d. What is the effect on data quality/usability according to the case narrative?

Comments:

Data quality/usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

Yes☒ No☐ N/A☐ Comments:

Yes.

b. All applicable holding times met?

Yes☒ No☐ N/A☐ Comments:

Yes.

c. All soils reported on a dry weight basis?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

d. Are the reported LOQs less than the Cleanup Level or the minimum required detection level for the project?

Yes☒ No☐ N/A☐ Comments:

Yes.

e. Data quality or usability affected?

Data quality/usability was not affected.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. All method blank results less than limit of quantitation (LOQ) or project specified objectives?

Yes☐ No☒ N/A☐ Comments:

No.

iii. If above LOQ or project specified objectives, what samples are affected?

Comments:

Method AK101: Compound TPHGAK C6 to C10 (29.5 J ug/L) was detected below the reporting limit in method blank batch WG1913056. A blank action level was established at five times of the reported blank concentration. Compound results in the associated sample ID MW-9-W-20220816 was qualified as non-detect (UB) at the reporting limit.

iv. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

Yes☒ No☐ N/A☐ Comments:

Yes.

v. Data quality or usability affected?

Comments:

The method blank contamination considered as minor and would result in the non-detect of associated data. The reported data should still consider as usable.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits and project specified objectives, if applicable? (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

Yes☒ No☐ N/A☐ Comments:

Yes.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits and project specified objectives, if applicable? RPD reported from LCS/LCSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

Yes☒ No☐ N/A☐ Comments:

Yes.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

None of the samples were affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

Data quality or usability was not affected.

c. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Note: Leave blank if not required for project

i. Organics – One MS/MSD reported per matrix, analysis and 20 samples?

Yes☒ No☐ N/A☐ Comments:

The MS/MSD analysis was performed on sample ID MW-9-W-20220816 for Method AK101, AK102 and SW846 8260D.

ii. Metals/Inorganics – one MS and one MSD reported per matrix, analysis and 20 samples?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits and project specified objectives, if applicable? (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

Yes☒ No☐ N/A☐ Comments:

Yes.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits and project specified objectives, if applicable? RPD reported from MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

Yes☐ No☒ N/A☐ Comments:

Method AK101: MS/MSD RPD for compound TPHGAK C6 to C10 was exceeded the control limit in sample MW-9-W-20220816. The compound result in associated sample was qualified as estimated (UJ).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

The MS/MSD RPD exceedance was observed for compound acetone in sample ID MW-9-W-20220816and qualified as estimated (UJ).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

Yes☒ No☐ N/A☐ Comments:

Yes.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD recovery and RPD exceedance is considered minor and would result in the estimation of associated data. The reported data should still consider as usable.

d. Surrogates – Organics Only or Isotope Dilution Analytes (IDA) – Isotope Dilution Methods Only

i. Are surrogate/IDA recoveries reported for organic analyses – field, QC and laboratory samples?

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits and project specified objectives, if applicable? (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

Yes☒ No☐ N/A☐ Comments:

Yes.

iii. Do the sample results with failed surrogate/IDA recoveries have data flags? If so, are the data flags clearly defined?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

iv. Data quality or usability affected?

Comments:

Data quality or usability was not affected.

e. Trip Blanks

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

Yes☒ No☐ N/A☐ Comments:

Trip blank sample was collected as TRIP BLANK-20220816.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

Yes☒ No☐ N/A☐ Comments:

Yes.

iii. All results less than LOQ and project specified objectives?

Yes☒ No☐ N/A☐ Comments:

Yes.

iv. If above LOQ or project specified objectives, what samples are affected?

Comments:

None of the samples were affected.

v. Data quality or usability affected?

Comments:

Data quality or usability was not affected.

f. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. Submitted blind to lab?

Yes☒ No☐ N/A☐ Comments:

Field duplicate BD-1-W-20220816 was collected from sample MW-2R-W-20220816.

iii. Precision – All relative percent differences (RPD) less than specified project objectives? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

Yes☒ No☐ N/A☐ Comments:

Yes.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

Data quality/usability was not affected.

g. Decontamination or Equipment Blank (If not applicable, a comment stating why must be entered below)?

Yes☒ No☐ N/A☐ Comments:

Equipment blank sample was collected as EQB-1-W-20220816.

i. All results less than LOQ and project specified objectives?

Yes☐ No☒ N/A☐ Comments:

Yes.

ii. If above LOQ or project specified objectives, what samples are affected?

Comments:

None of the samples were affected.

iii. Data quality or usability affected?

Comments:

Data quality or usability was not affected.

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

Yes☒ No☐ N/A☐ Comments:

Yes.