Ms. Rebekah Reams
Alaska Department of Environmental Conservation
Spill Prevention and Response, Contaminated Sites Program
P.O. Box 1535
Haines, Alaska 99827

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Date: June 26, 2024
Our Ref: 30064216
Subject: First Half 2024 Groundwater Monitoring Report
Chevron - #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane, Anchorage, Alaska
ADEC File No.: 2100.26.007
ADEC Hazard ID: 24073

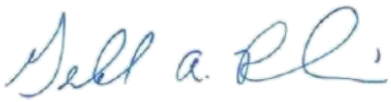
Dear Ms. Reams,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis), has prepared this report to document the first half 2024 groundwater monitoring activities for Chevron - #6097 (Former Chevron-Branded Service Station No. 96097), located at 303 West Fireweed Lane, Anchorage, Alaska (site). This work was conducted under the direction of a “Qualified Environmental Professional” and “Qualified Sampler” (18 Alaska Administrative Code [AAC] 75.333).

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

Sincerely,

Arcadis U.S., Inc.



Gerald A. Robinson
Project Manager
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Jeanne Reilly, Bouge, LLC
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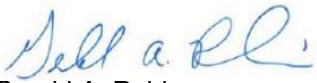

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Jeanne Reilly, Bouge, LLC

Ms. Rebekah Reams
Alaska Department of Environmental Conservation
Date: June 26, 2024

FIRST HALF 2024 GROUNDWATER MONITORING REPORT

Work Conducted This Period [First Half 2024]:

1. Conducted the first half 2024 groundwater monitoring activities on May 2, 2024.
2. Prepared the *First Half 2024 Groundwater Monitoring Report*.
3. Submitted *Site Investigation Work Plan* on January 18, 2024. ADEC responded with comments on April 2, 2024.

Work Proposed Next Period [Second Half 2024]:

1. Conduct the second half 2024 groundwater monitoring activities.
2. Prepare the Second Half 2024 Groundwater Monitoring Report.
3. Submit a response to comments to address the ADEC April 2, 2024, comment letter.

Site Description

The site is in south central Alaska, south of the Knik Arm and north of the Turnagain Arm of Cook Inlet. The regional geology of Anchorage is dominated by glacial outwash, characterized by the Bootlegger Cover Formation. This formation and outwash sediments from the Elmendorf advance underlie a majority of the city of Anchorage (Combellick 1999). Static groundwater depths from 1992 to the present have ranged between 42.16 and 60.52 feet below top of casing. Historic groundwater flow is to the northwest. The site currently consists of a Sockeye Inn hotel and parking lot. The former Chevron service station was decommissioned in 2000. According to Alaska Department of Environmental Conservation (ADEC) records, one waste oil UST was removed from the southwest corner of the station building in 1990, at which time hydrocarbon impacted soil were identified. The station was remodeled in 1992. During the 1992 remodel, three gasoline USTs, one waste oil UST, one heating oil UST were removed, while three double-walled fiberglass gasoline USTs, nine dispensers, and new product lines were subsequently installed. During the 2000 decommissioning of the service station, six USTs, dispenser islands, product lines, and the station building were removed.

On March 29, 2023, the ADEC approved a *Groundwater Sampling Analyte Reduction Request – Groundwater Sampling Work Plan Addendum* which included the monitoring and sampling of monitoring wells MW-5, MW-7, MW-8, MW-9, MW-10R, MW-12, MW-13, MW-14, MW-15, and MW-16 semi-annually. Monitoring wells located onsite include (MW-4R, MW-5, MW6, MW-7, MW-9, MW-10R, and MW-17 and offsite monitoring wells include MW-8 and MW-12 through MW-16. Monitoring wells not scheduled to be sampled are gauged to determine groundwater flow. The surrounding properties are primarily mixed commercial and light industrial. A site location map and site plan are shown as Figures 1 and 2, respectively.

Ms. Rebekah Reams
Alaska Department of Environmental Conservation
Date: June 26, 2024

Site Activities this Reporting Period

Current phase of project:	Monitoring
Frequency of monitoring and sampling:	Semi-annual
Monitoring wells containing light non-aqueous phase liquid (LNAPL):	None
Cumulative LNAPL recovered to date: (gallons)	0.00
Approximate depth to groundwater: (feet below top of casing)	42.95 (MW-4R) to 59.48 (MW-12)
Approximate groundwater elevation: (feet relative to NAVD88)	48.56 (MW-12) to 67.34 (MW-4R)
Groundwater flow direction	West-Northwest
Groundwater gradient (feet per foot)	0.070
Current remediation techniques:	None
Summary of unusual activity:	Monitoring wells MW-14 and MW-17 were frozen and could not be sampled. MW-7 was not able to be accessed because a vehicle was parked over it.
Agency directive requirements:	None

Groundwater Gauging and Sampling Methods

On May 2, 2024, the first half 2024 groundwater monitoring and sampling activities were conducted. Groundwater monitoring wells scheduled to be gauged and/or sampled are summarized in Table 1. Monitoring wells were gauged with an oil/water interface probe in the order of lowest to highest historical petroleum hydrocarbon concentrations in groundwater to determine groundwater elevations and ascertain if LNAPL was present. Following gauging, groundwater was purged and sampled using low flow purge technology via bladder pump in accordance with the ADEC Field Sampling Guidance (ADEC 2022a) and Arcadis *Standard Groundwater Sampling and Monitoring Wells (Arcadis 2022a)*.

Non-disposable groundwater gauging equipment was decontaminated prior to and after each use with a detergent solution and rinsed in potable water. Water table drawdown was continuously monitored during purging with an oil/water interface probe and the flow rate of the pump was adjusted to limit drawdown to 0.3 foot. Water quality parameters were monitored during purging with a multi-parameter water quality meter equipped with a flow through cell and turbidity meter. Parameters were recorded every 3 to 5 minutes until a minimum of three (minimum of four if using temperature as an indicator) of the parameters listed below stabilized. Water quality parameters were considered stable when three successive readings were within the following ADEC limits:

- ± 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.

Following well stabilization, the flow rate was reduced to 200 milliliters per minute and samples were collected into laboratory sample bottles. Groundwater samples were collected from the top foot of the water column in monitoring wells per the sampling schedule (Table 1) with the following exceptions: Monitoring wells MW-14 and MW-17 were frozen and could not be sampled, and MW-7 was not able to be accessed because a vehicle was parked over it. The groundwater potentiometric surface elevation and a rose diagram of historical groundwater flow directions are illustrated on Figure 3.

In the letter dated March 29, 2023, ADEC approved a reduction of analytes for the site. Monitoring wells and specific constituents of potential concern (COPCs) analyzed in each well are summarized in Table 1. Groundwater samples collected were analyzed by Pace Analytical National Center for Testing & Innovation (Pace) of Mt. Juliet, Tennessee by the following analytical methods:

- Total petroleum hydrocarbons as gasoline range organics (GRO) by Alaska Method AK101.
- Total petroleum hydrocarbons as diesel range organics (DRO) by Alaska Method AK102.
- Select volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260D.
- Select Polycyclic Aromatic Hydrocarbons (PAH) by USEPA Method 8270E-SIM.

A groundwater duplicate sample (BD-1) was collected from monitoring well MW-5 and submitted blind to Pace. Additionally, an equipment blank (EQB-1) sample was collected, and trip blanks (Trip Blank 1 and Trip Blank 2) were included in sample coolers for quality assurance purposes. Field notes collected during groundwater monitoring activities including monitoring well purge rates and drawdown are presented in Attachment A.

Groundwater Sampling Results

Groundwater analytical results obtained during this event indicate COPCs exceed the ADEC Oil Pollution Prevention Requirements (18 AAC 75) identified in Table C - Groundwater Cleanup Levels (GCLs). Current analytical data are summarized in Tables 2 and 3. COPCs exceeding GCLs are summarized below and are illustrated on Figure 4 and 5. The laboratory report is included as Attachment B.

- Ethylbenzene was detected at a concentration above the ADEC GCL (15 micrograms per liter (µg/L)) in the groundwater sample at MW-10R at a concentration of 32.9 J µg/L (The associated numerical value is an estimated concentration only).
- 1,2,4-Trimethylbenzene was detected at a concentration above the ADEC GCL (56 µg/L) in the groundwater sample at MW-10R at a concentration of 223 J µg/L.
- Naphthalene by USEPA Method 8270E-SIM was detected at a concentration above the ADEC GCL (1.7 µg/L) in the groundwater sample at MW-10R at a concentration of 16.0 J µg/L.

Historical analytical results (pre-2023) are presented in Attachment C. Historical analytical data from spring of 2023 to current are summarized in Table 4 and Table 5.

Laboratory Data Review

As required by the ADEC Guidelines for Data Reporting (ADEC 2022b), Arcadis completed a laboratory data review checklist for the laboratory report generated for this event. The data review checklist is included as Attachment D. Quality assurance and quality control parameters related to the precision, accuracy, representativeness, comparability, completeness, and sensitivity of the data presented in this report suggest that the data quality objectives have been met with the following exceptions:

- Receipt Documentation:
  - Samples were received out of temperature at 7.7 degrees Celsius for samples MW-5, BD-1 collected from MW-5, MW-10R, MW-15, EQB-1 and Trip Blank 1. Associated sample results were qualified as estimated for all parameters. The other samples were received within temperature requirements (4.8 degrees Celsius) and no qualification of the results was required.
- Accuracy:
  - The matrix spike recovery was greater than the control limit for DRO in sample locations MW-5, BD-1 collected from MW-5, MW-6, MW-8, MW-9, MW-10R, MW-12, MW-13, MW-15, MW-16, and EQB-1 for Alaska Method AK102. Analytical results in the associated sample locations were qualified as estimated.
- Precision:
  - The relative percent difference (RPD) for matrix spike and matrix spike duplicate recovery exceeded for benzo(a)perylene, 1-methylnaphthalene, and 2-methylnaphthalene for Alaska Method AK101 and USEPA Method 8270E SIM, respectively. Analytical results in associated sample location MW-5 and BD-1 collected from MW-5 were qualified as estimated.
- Comparability:
  - GRO was detected below the reporting limit in the method blank for Alaska Method AK101. Based on blank evaluation, the results for compound GRO in sample locations MW-5 and MW-15 were qualified as non-detect.
- Sensitivity:
  - Concentration of ethylbenzene, 1,2,4-trimethylbenzene, and/or naphthalene exceeded the ADEC GCLs in sample location MW-10R.
- Representativeness:
  - The data appears to be representative of site conditions and are generally consistent with expected groundwater concentrations.
- Completeness:
  - The temperature exceedance is considered as minor and would result in the estimation of the associated data. The reported data should still be considered as usable.

Investigation-Derived Waste

Purge water and decontamination water collected during groundwater sampling was temporarily collected into 5-gallon buckets and treated onsite via a Granular Activated Carbon bucket. The treatment of purge water and decontamination water was completed per the Arcadis *Summary of Procedures for Investigation Derived Waste*

Treatment Utilizing Granular Activated Carbon (Arcadis 2022b). Approximately 6 gallons of groundwater were treated during this event.

Conclusion and Recommendations

The observed groundwater flow direction and hydraulic gradient during this event are generally consistent with historical data. Analytical results from the monitoring wells are generally consistent with historical data.

Arcadis recommends groundwater sampling continues in accordance with the current semi-annual schedule. The second half sampling event will be conducted in fall of 2024.

References

ADEC. 2022a. Field Sampling Guidance. ADEC, Division of Spill Prevention and Response Contaminated Sites Program. January.

ADEC. 2022b. Technical Memorandum 22-001; Guidelines for Data Reporting. ADEC, Division of Spill Prevention and Response Contaminated Sites Program. August 15.

ADEC. 2023. 18-AAC-75 Oil and Other Hazardous Substances Pollution Control. ADEC. Amended October 18th.

Arcadis. 2022a. Standard Groundwater Sampling for Monitoring Well. April

Arcadis. 2022b. Summary of Procedures for Investigation Derived Waste Treatment Utilizing Granular Activated Carbon. September.

Combellick, R.A. 1999. Simplified Geologic Map and Cross Sections of Central and East Anchorage, Alaska. Release by State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Surveys, Fairbanks, Alaska. August.

GHD Inc. 2018. Second Semiannual 2018 Groundwater Monitoring Report: Former Chevron-Branded Service Station 96097, 303 West Fireweed Lane, Anchorage, AK. November.

Ms. Rebekah Reams
Alaska Department of Environmental Conservation
Date: June 26, 2024

Should you have any questions or concerns regarding this submittal please do not hesitate to contact us.

Sincerely,

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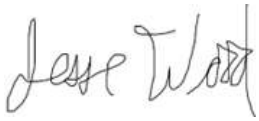


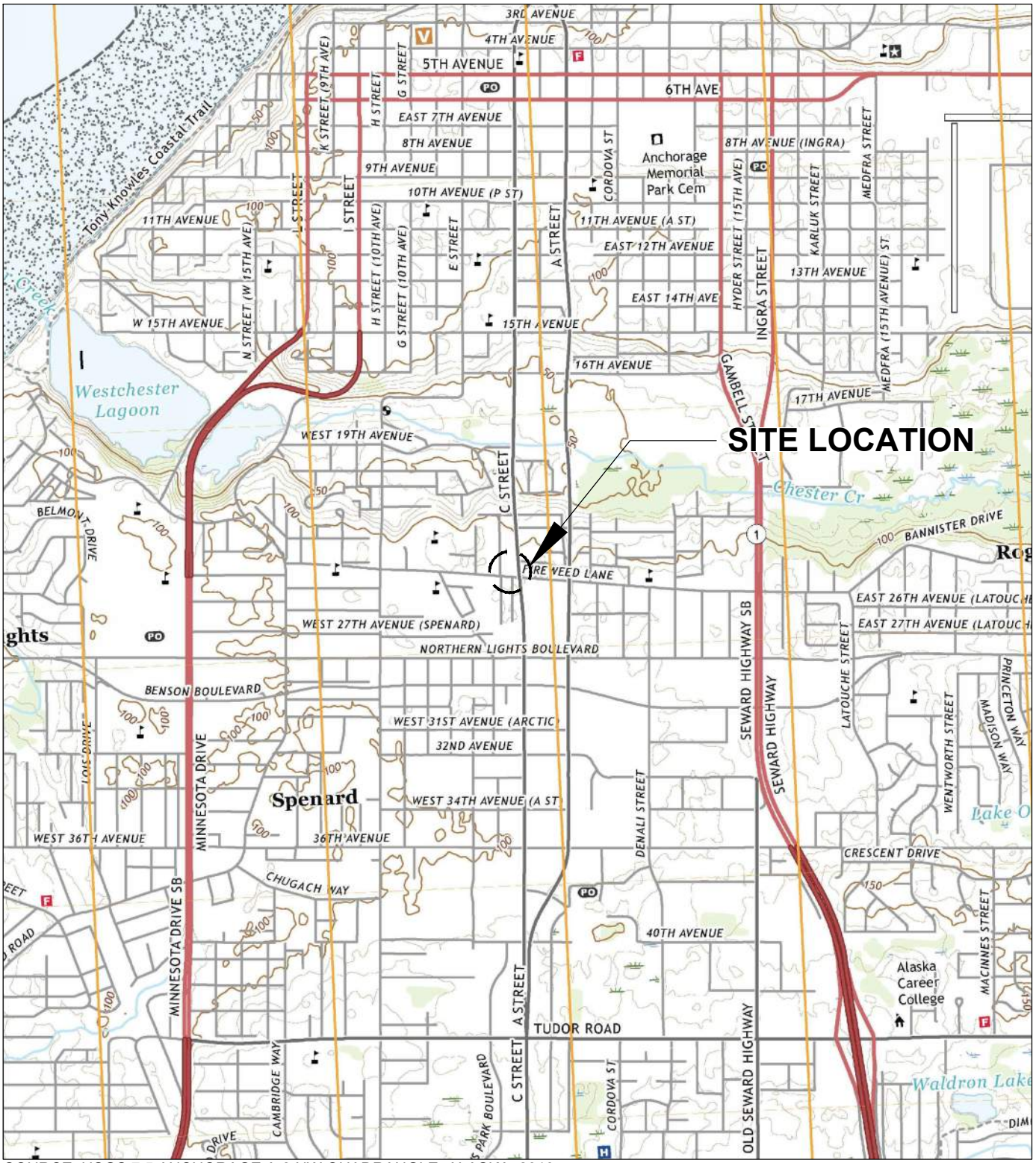
Jesse Wood
Project Task Manager

Gerald A. Robinson
Project Manager

Enclosures:

- Figure 1. Site Location Map
- Figure 2. Site Plan
- Figure 3. Groundwater Elevation Contour Map
- Figure 4. Groundwater Analytical Results Map
- Figure 5. Groundwater Analytical Results Map - PAHs
- Table 1. Groundwater Monitoring Schedule
- Table 2. Current Groundwater Gauging and Primary Analytical Results
- Table 3. Current Groundwater Additional Analytical Results
- Table 4. Historical Groundwater Gauging and Primary Analytical Results
- Table 5. Historical Groundwater Additional Analytical Results
- Attachment A. Field Notes
- Attachment B. Laboratory Analytical Results
- Attachment C. Historical Groundwater Analytical Results Third Quarter 1992 through 2022
- Attachment D. ADEC Data Review Checklist

Figures



SOURCE: USGS 7.5 ANCHORAGE A-8 NW QUADRANGLE, ALASKA, 2019.

N

0 2,000' 4,000'

Approximate Scale: 1 in. = 2,000 ft.

AREA LOCATION

ALASKA

CHEVRON #6097 (FORMER CHEVRON-BRANDED SERVICE STATION 96097)
303 WEST FIREWEED LANE
ANCHORAGE, ALASKA

SITE LOCATION MAP

ARCADIS

FIGURE 1

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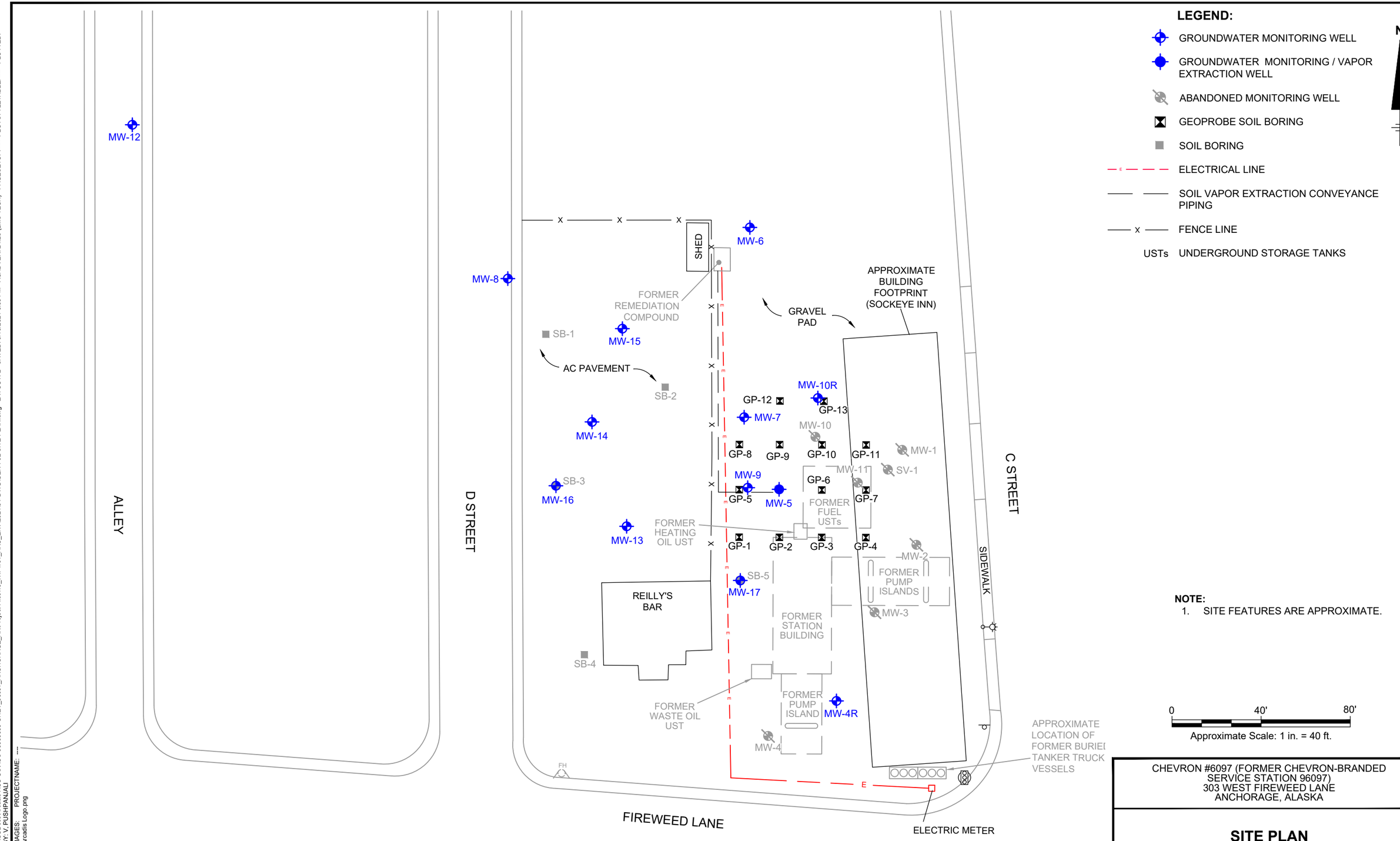


NOTE:
1. SITE FEATURES ARE APPROXIMATE.

0 40' 80'

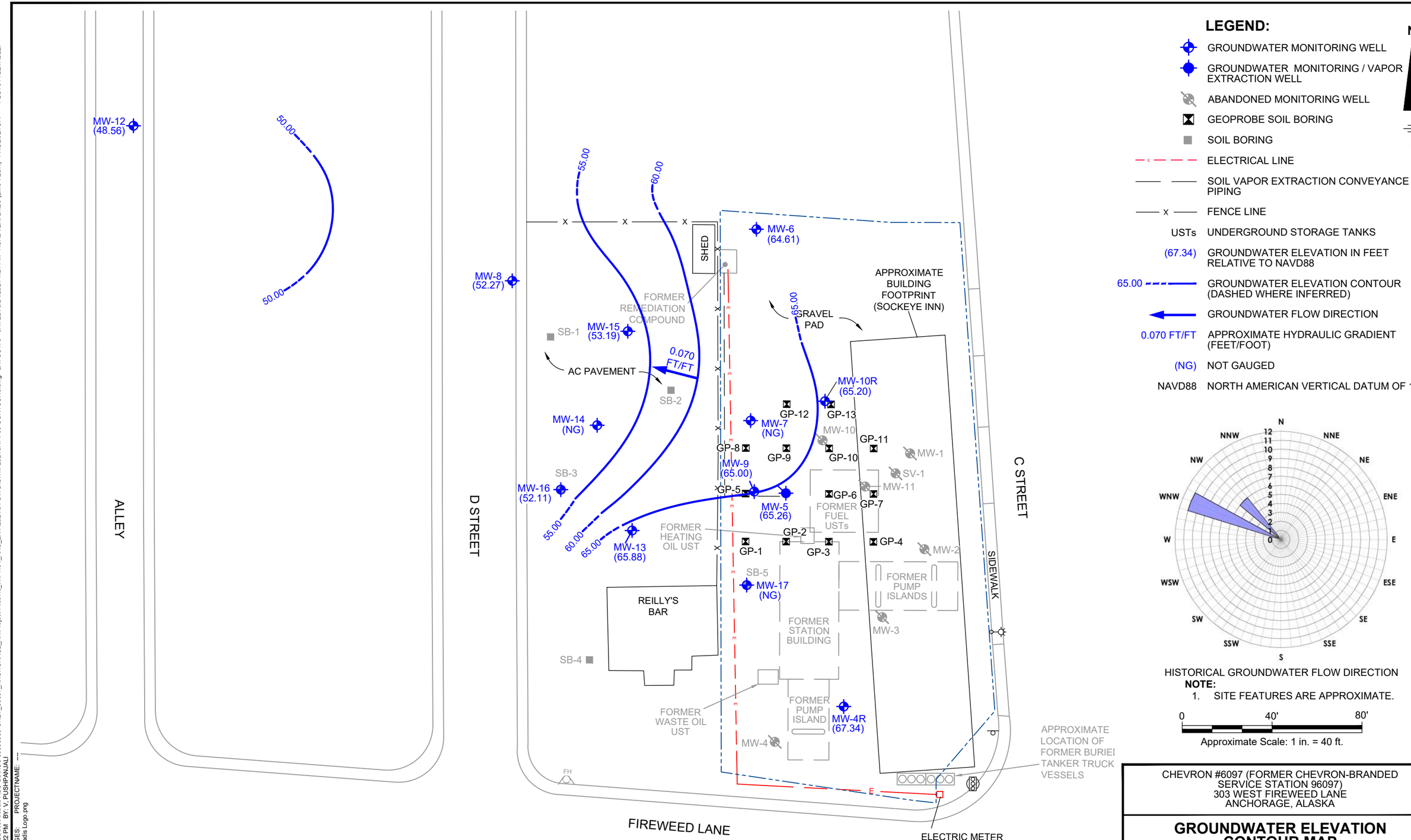
Approximate Scale: 1 in. = 40 ft.

CHEVRON #6097 (FORMER CHEVRON-BRANDED SERVICE STATION 96097)
303 WEST FIREWEED LANE
ANCHORAGE, ALASKA

SITE PLAN

ARCADIS

FIGURE 2



LEGEND:

N

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING / VAPOR EXTRACTION WELL
- ABANDONED MONITORING WELL
- GEOPROBE SOIL BORING
- SOIL BORING
- ELECTRICAL LINE
- SOIL VAPOR EXTRACTION CONVEYANCE PIPING
- FENCE LINE
- USTs — UNDERGROUND STORAGE TANKS
- (67.34) — GROUNDWATER ELEVATION IN FEET RELATIVE TO NAVD88
- 65.00 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 0.070 FT/FT — APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
- (NG) — NOT GAUGED
- NAVD88 — NORTH AMERICAN VERTICAL DATUM OF 1988

HISTORICAL GROUNDWATER FLOW DIRECTION

NOTE:

1. SITE FEATURES ARE APPROXIMATE.

0 40' 80'

Approximate Scale: 1 in. = 40 ft.

CHEVRON #6097 (FORMER CHEVRON-BRANDED SERVICE STATION 96097)
303 WEST FIREWEED LANE
ANCHORAGE, ALASKA

GROUNDWATER ELEVATION CONTOUR MAP MAY 2, 2024

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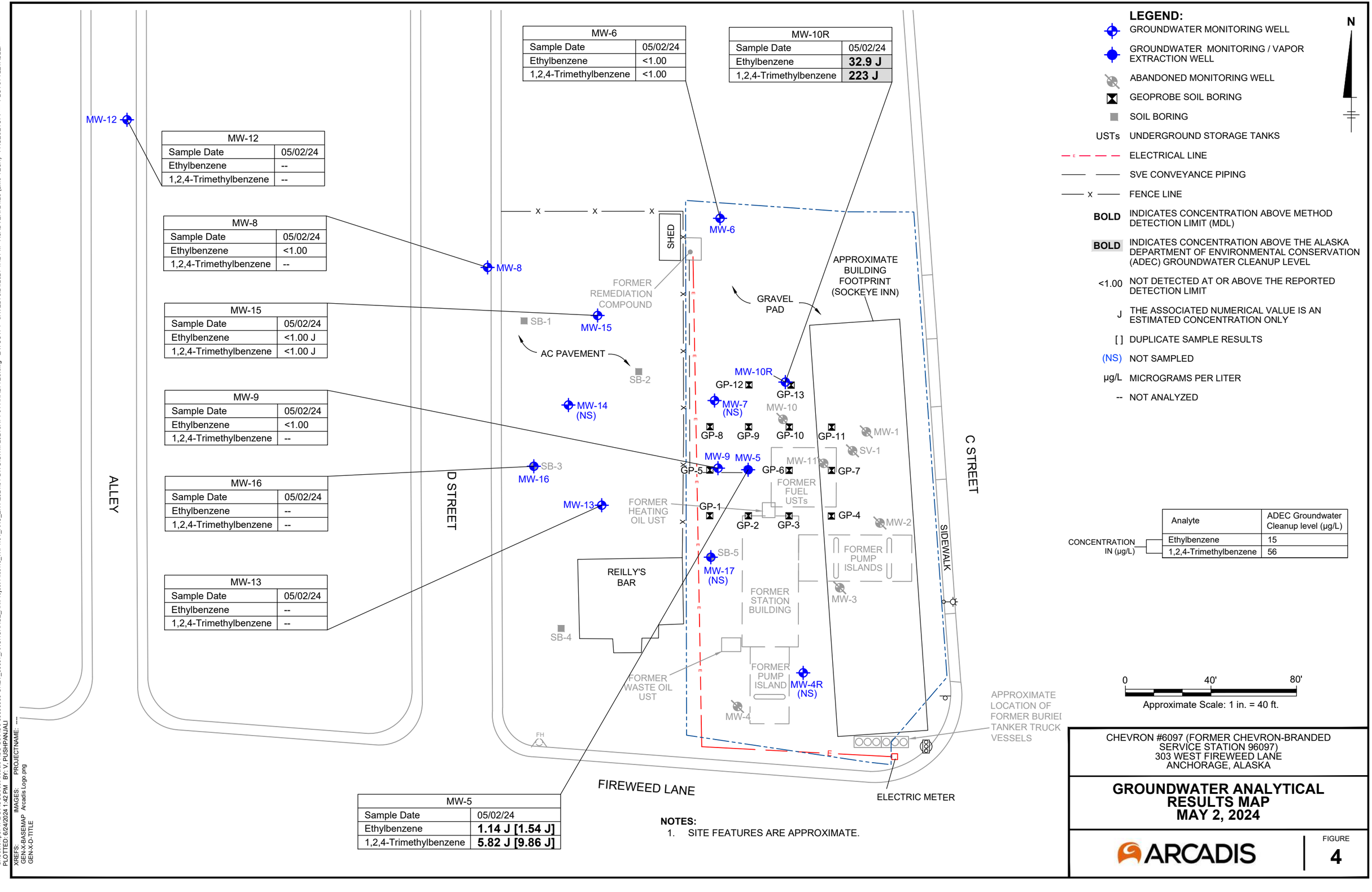
FIGURE 3



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1. SITE FEATURES ARE APPROXIMATE.

CHEVRON #6097 (FORMER CHEVRON-BRANDED SERVICE STATION 96097)
303 WEST FIREWEED LANE
ANCHORAGE, ALASKA

GROUNDWATER ANALYTICAL RESULTS MAP MAY 2, 2024

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FIGURE 4

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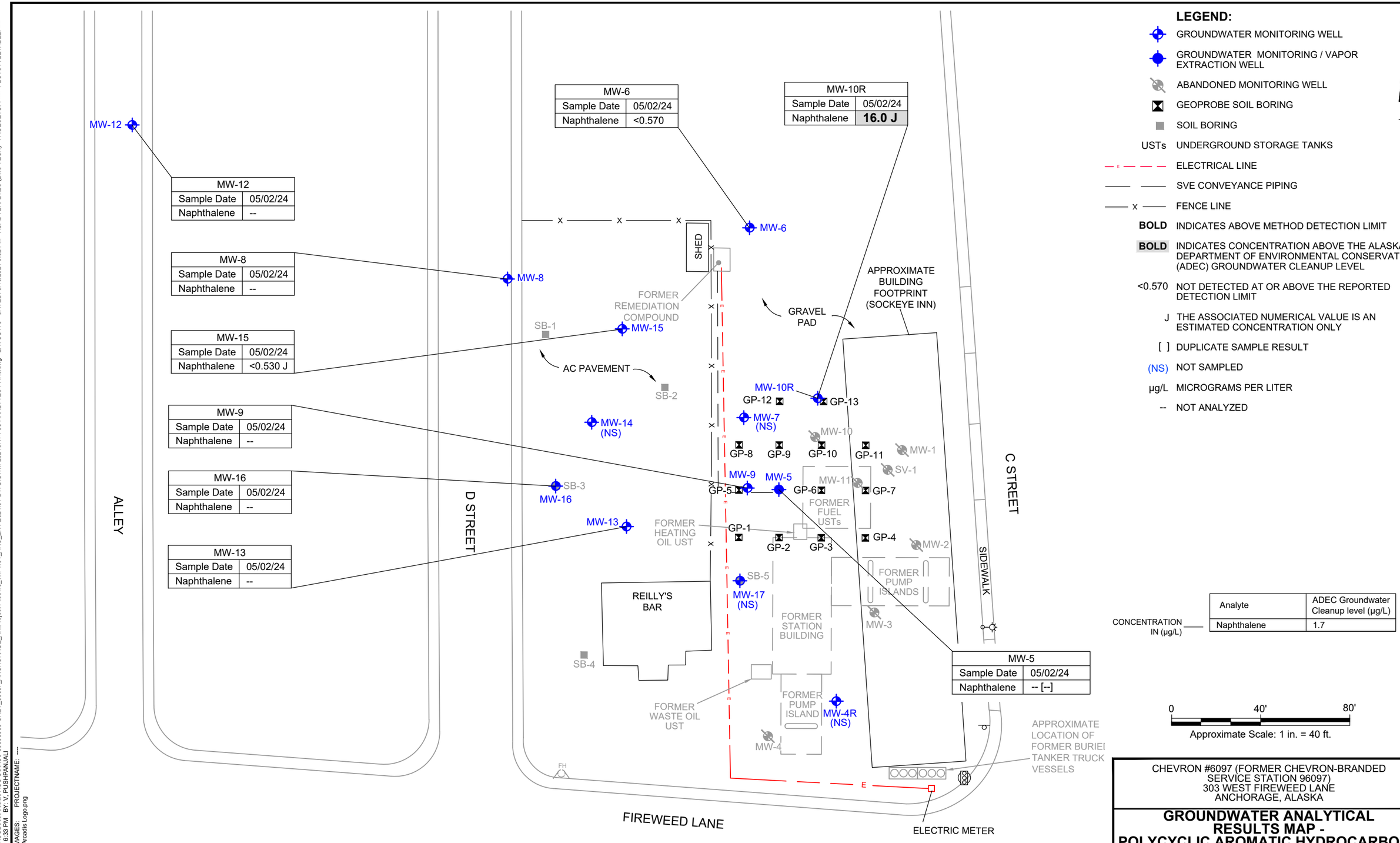

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING / VAPOR EXTRACTION WELL
- ABANDONED MONITORING WELL
- GEOPROBE SOIL BORING
- SOIL BORING
- USTs — UNDERGROUND STORAGE TANKS
- ELECTRICAL LINE
- SVE CONVEYANCE PIPING
- FENCE LINE
- **BOLD** — INDICATES ABOVE METHOD DETECTION LIMIT
- **BOLD** — INDICATES CONCENTRATION ABOVE THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (ADEC) GROUNDWATER CLEANUP LEVEL
- <0.570 — NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT
- J — THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY
- [ ] — DUPLICATE SAMPLE RESULT
- (NS) — NOT SAMPLED
- µg/L — MICROGRAMS PER LITER
- -- — NOT ANALYZED

N

CONCENTRATION IN (µg/L)

Analyte	ADEC Groundwater Cleanup level (µg/L)
Naphthalene	1.7

0 40' 80'

Approximate Scale: 1 in. = 40 ft.

NOTES:

1. SITE FEATURES ARE APPROXIMATE.

CHEVRON #6097 (FORMER CHEVRON-BRANDED SERVICE STATION 96097)
303 WEST FIREWEED LANE
ANCHORAGE, ALASKA

GROUNDWATER ANALYTICAL RESULTS MAP - POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) MAY 2, 2024

ARCADIS

FIGURE 5

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Tables

Table 1
Groundwater Monitoring Schedule
First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	ample Schedu	Gauge	Sample	COCs Analyzed	Comment
MW-4R	Semi-Annual	Y	N	--	Gauge Only
MW-5	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, 1,3,5-TMB, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene	
MW-6	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, 1,3,5-TMB, Cumene, n-propylbenzene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(g,h,i)perylene,Dibenz(a,h)anthracene,1-methylnaphthalene, 2-methylnapthalene, naphthalene	
MW-7	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, 1,3,5-TMB, Cumene, n-propylbenzene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(g,h,i)perylene,Dibenz(a,h)anthracene,1-methylnaphthalene, 2-methylnapthalene, naphthalene	Could not access
MW-8	Semi-Annual	Y	Y	DRO, BTEX	
MW-9	Semi-Annual	Y	Y	GRO, DRO, BTEX	
MW-10R	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, 1,3,5-TMB, naphthalene	
MW-12	Semi-Annual	Y	Y	DRO	
MW-13	Semi-Annual	Y	Y	DRO	
MW-14	Semi-Annual	Y	Y	DRO, BTEX	Well frozen, not gauged and sampled
MW-15	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, cumene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(g,h,i)perylene,Dibenz(a,h)anthracene,1-methylnaphthalene, 2-methylnapthalene, naphthalene	
MW-16	Semi-Annual	Y	Y	DRO	
MW-17	Semi-Annual	Y	N	--	Well frozen, not gauged
BD-1	Semi-Annual	Y	Y	GRO, DRO, BTEX, 1,2,4-TMB, 1,3,5-TMB, Cumene, n-propylbenzene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(g,h,i)perylene,Dibenz(a,h)anthracene,1-methylnaphthalene, 2-methylnapthalene, naphthalene	

Note:

Groundwater samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8260D and 8270E-SIM as appropriate. Naphthalene was analyzed by USEPA Method 8270-SIM only. Gasoline range organics and diesel range organics were analyzed by Alaska Method AK 101 and AK 102, respectively.

Table 2
Current Groundwater Gauging and Primary Analytical Results
First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	TOC (feet)	DTW (feet bTOC)	GW Elev. (feet)	DRO	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	Isopropylbenzene (Cumeme)	n-Propylbenzene (Propylbenzene)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Comments
ADEC Groundwater Cleanup Levels					**1,500**	**2,200**	**4.6**	**1,100**	**15**	**190**	**450**	**660**	**56**	**60**	
MW-4R	05/02/24	110.29	42.95	67.34	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-5	05/02/24	109.91	44.65	65.26	**764 J**	**206 J**	**0.989 J**	<1.07 B J	**1.14 J**	**2.94 J**	--	--	**5.82 J**	**1.77 J**	
Duplicate (MW-5)	05/02/24	--	--	--	**886 J**	<1,000 J	**1.07 J**	<1.23 B J	**1.54 J**	**4.40 J**	--	--	**9.86 J**	**2.81 J**	
MW-6	05/02/24	110.23	45.62	64.61	<888 J	<100	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	
MW-7	05/02/24	108.88	--	--	--	--	--	--	--	--	--	--	--	--	Could not access
MW-8	05/02/24	108.02	55.75	52.27	**225 J**	--	**0.168 J**	<1.00	<1.00	<3.00	--	--	--	--	
MW-9	05/02/24	109.65	44.65	65.00	**199 J**	<100	**0.181 J**	<1.00	<1.00	<3.00	--	--	--	--	
MW-10R	05/02/24	109.66	44.46	65.20	**661 J**	**1,370 J**	**0.780 J**	<5.00 B J	**32.9 J**	**30.5 J**	--	--	**223 J**	**33.3 J**	
MW-12	05/02/24	108.04	59.48	48.56	<888 J	--	--	--	--	--	--	--	--	--	
MW-13	05/02/24	109.26	43.38	65.88	<840 J	--	--	--	--	--	--	--	--	--	
MW-14	05/02/24	109.01	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen, not gauged and sampled
MW-15	05/02/24	108.69	55.50	53.19	<888 J	<100 J	**0.113 J**	<1.00 J	<1.00 J	<3.00 J	<1.00 J	--	<1.00 J	--	
MW-16	05/02/24	108.86	56.75	52.11	**843 J**	--	--	--	--	--	--	--	--	--	
MW-17	05/02/24	109.90	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen, not gauged

Notes
1. GRO analyzed by Alaska Method AK101, DRO analyzed by Alaska Method AK102.
2. Remaining constituents of concern analyzed by USEPA Method 8260D except where noted above.
3. All results reported in micrograms per liter.

Bold = Detected above laboratory method detection limit (MDL)
Bold and *Italicized* = Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
feet = Relative to NAVD88 for TOC and GW Elevation

Acronyms and Abbreviations:

-- = Not Available or Not Analyzed
<1.00 = Not detected at or above the reported detection limit (RDL)
µg/L = Micrograms per liter
ADEC = Alaska Department of Environmental Conservation
B = The same analyte is found in the associated blank
bTOC = Below top of casing
DRO = Total petroleum hydrocarbons, diesel range organiCs
DTW = Depth to groundwater
GRO = Total petroleum hydrocarbons, gasoline range organics
GW Elev. = Groundwater elevation
ID = Identification
J = The associated numerical value is an estimated concentration only
MDL = Method detection limit
MW = Groundwater monitoring well
NAVD 88 = North American Vertical Datum of 1988
RDL = Reporting detection limit
TOC = Top of casing
USEPA = U.S. Environmental Protection Agency
VOCs = Volatile organic compounds

Reference:
18 AAC 75. Department of Environmental Conservation, State of Alaska, Oil and Other Hazardous Substances Pollution Control, Table C. Groundwater Cleanup Levels, as amended through February 5, 2023.

Table 3
Current Groundwater Additional Analytical Results
First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Dibenz(a,h)anthracene (µg/L)	1-Methylnaphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Naphthalene (µg/L)	Comments
ADEC Groundwater Cleanup Levels		**0.30**	**0.25**	**0.26**	**0.25**	**11**	**36**	**1.7**	
MW-4R	05/02/24	--	--	--	--	--	--	--	Gauge Only
MW-5	05/02/24	<0.0530 J	<0.0530 J	<0.0530 J	--	--	--	--	
Duplicate (MW-5)	05/02/24	<0.0540 J	<0.0540 J	<0.0540 J	--	--	--	--	
MW-6	05/02/24	<0.0570	<0.0570	<0.0570	<0.0570	**0.0268 J**	<0.570	<0.570	
MW-7	05/02/24	--	--	--	--	--	--	--	Could not access
MW-8	05/02/24	--	--	--	--	--	--	--	
MW-9	05/02/24	--	--	--	--	--	--	--	
MW-10R	05/02/24	--	--	--	--	--	--	**16.0 J**	
MW-12	05/02/24	--	--	--	--	--	--	--	
MW-13	05/02/24	--	--	--	--	--	--	--	
MW-14	05/02/24	--	--	--	--	--	--	--	Well frozen, not gauged and sampled
MW-15	05/02/24	<0.0530 J	<0.0530 J	<0.0530 J	<0.0530 J	<0.530 J	<0.530 J	<0.530 J	
MW-16	05/02/24	--	--	--	--	--	--	--	
MW-17	05/02/24	--	--	--	--	--	--	--	Well frozen, not gauged

Notes
1. Constituents of concern analyzed by USEPA Method 8270E-SIM.
2. All results reported in micrograms per liter.

Bold = Detected above laboratory method detection limit (MDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level

Acronyms and Abbreviations:

-- = Not Available or Not Analyzed
<0.500 = Not detected at or above the reported detection limit (RDL)
µg/L = Micrograms per liter
ADEC = Alaska Department of Environmental Conservatio
ID = Identification
J = The associated numerical value is an estimated concentration only
MDL = Method detection limit
MW = Groundwater monitoring well
RDL = Reporting detection limit
USEPA = U.S. Environmental Protection Agency

Reference:
18 AAC 75. Department of Environmental Conservation, State of Alaska, Oil and Other Hazardous Substances Pollution Control, Table C. Groundwater Cleanup Levels, as amended through February 5, 2023.

Table 4
Historical Groundwater Gauging and Primary Analytical Results
First Half 2023 through First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	TOC (feet)	DTW (feet bTOC)	GW Elev. (feet)	DRO	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	Isopropylbenzene (Cumeme)	n-Propylbenzene (Propylbenzene)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Comments
ADEC Groundwater Cleanup Levels					1,500	2,200	4.6	1,100	15	190	450	660	56	60	
MW-4R	04/19/23	110.29	43.58	66.71	--	--	--	--	--	--	--	--	--	--	
MW-4R	08/21/23	110.29	43.32	66.97	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-4R	05/02/24	110.29	42.95	67.34	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-5	04/19/23	109.91	45.12	64.79	**4,120**	**138**	**0.441 J**	**0.525 J**	**1.04**	**1.30 J**	--	--	**6.39**	**0.300 J**	
MW-5	08/21/23	109.91	44.86	65.05	<800	<100 B	<1.00	<1.00	**0.199 J**	**0.222 J**	<1.00	**0.133 J**	**0.398 J**	<1.00	
MW-5	05/02/24	109.91	44.65	65.26	**764 J**	**206 J**	**0.989 J**	<1.07 B J	**1.14 J**	**2.94 J**	--	--	**5.82 J**	**1.77 J**	
Duplicate (MW-5)	05/02/24	--	--	--	**886 J**	<1,000 J	**1.07 J**	<1.23 B J	**1.54 J**	**4.40 J**	--	--	**9.86 J**	**2.81 J**	
MW-6	04/19/23	110.23	--	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible
MW-6	08/21/23	110.23	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-6	05/02/24	110.23	45.62	64.61	<888 J	<100	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	
MW-7	04/19/23	108.88	--	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible
MW-7	08/21/23	108.88	44.45	64.43	**2,460**	**7,260**	**5.07**	**15.3**	**303**	**391**	**92.2**	**245**	**1,810**	**507**	
Duplicate (MW-7)	08/21/23	--	--	--	**2,280**	**7,250**	**3.42**	**14.9**	**262 D**	**333 D**	**102**	**243 D**	**1,570 D**	**448 D**	
MW-7	05/02/24	108.88	--	--	--	--	--	--	--	--	--	--	--	--	Could not access
MW-8	04/19/23	108.02	56.15	51.87	**1,250**	--	**0.429 J**	<1.00	<1.00	<3.00	--	--	--	--	
MW-8	08/21/23	108.02	55.86	52.16	**925**	--	**0.402 J**	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	
MW-8	05/02/24	108.02	55.75	52.27	**225 J**	--	**0.168 J**	<1.00	<1.00	<3.00	--	--	--	--	
MW-9	04/19/23	109.65	45.23	64.42	<800 B	**313**	**0.192 J**	<1.00	<1.00	<3.00	--	--	--	--	
MW-9	08/21/23	109.65	--	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible
MW-9	05/02/24	109.65	44.65	65.00	**199 J**	<100	**0.181 J**	<1.00	<1.00	<3.00	--	--	--	--	

Please refer to the final page of the table for the notes section.

Table 4
Historical Groundwater Gauging and Primary Analytical Results
First Half 2023 through First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	TOC (feet)	DTW (feet bTOC)	GW Elev. (feet)	DRO	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	Isopropylbenzene (Cumeme)	n-Propylbenzene (Propylbenzene)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Comments
ADEC Groundwater Cleanup Levels					1,500	2,200	4.6	1,100	15	190	450	660	56	60	
MW-10R	04/19/23	109.66	44.93	64.73	**1,930**	**1,690**	**0.722 J**	**1.66**	**48.5 J**	**51.5**	--	--	**320 D**	**53.3 J**	
Duplicate (MW-10R)	04/19/23	109.66	44.93	64.73	**1,700**	**1,680**	**0.780 J**	**2.16**	**66.9 J**	**69.9**	--	--	**410 D**	**75.5 J**	
MW-10R	08/21/23	109.66	44.70	64.96	**578 J**	**1,130 J**	**0.590 J**	**1.02**	**50.1**	**47.7**	**24.4**	**65.6**	**220**	**35.7**	
MW-10R	05/02/24	109.66	44.46	65.20	**661 J**	**1,370 J**	**0.780 J**	<5.00 B J	**32.9 J**	**30.5 J**	--	--	**223 J**	**33.3 J**	
MW-12	04/19/23	108.04	59.84	48.20	<944 B	--	--	--	--	--	--	--	--	--	
MW-12	08/21/23	108.04	59.57	48.47	<800	--	--	--	--	--	--	--	--	--	
MW-12	05/02/24	108.04	59.48	48.56	<888 J	--	--	--	--	--	--	--	--	--	
MW-13	04/19/23	109.26	44.05	65.21	--	--	--	--	--	--	--	--	--	--	Well frozen in casing
MW-13	08/21/23	109.26	43.69	65.57	<800	--	--	--	--	--	--	--	--	--	
MW-13	05/02/24	109.26	43.38	65.88	<840 J	--	--	--	--	--	--	--	--	--	
MW-14	04/19/23	109.01	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen in casing
MW-14	08/21/23	109.01	56.40	52.61	<840	--	**0.356 J**	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	
MW-14	05/02/24	109.01	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen, not gauged and sampled
MW-15	04/19/23	108.69	55.89	52.80	<840 B	**211**	**0.539 J**	<1.00	<1.00	<3.00	<1.00	--	<1.00	--	
MW-15	08/21/23	108.69	55.62	53.07	<840	<100 B	**0.369 J**	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	
MW-15	05/02/24	108.69	55.50	53.19	<888 J	<100 J	**0.113 J**	<1.00 J	<1.00 J	<3.00 J	<1.00 J	--	<1.00 J	--	
MW-16	04/19/23	108.86	57.05	51.81	--	--	--	--	--	--	--	--	--	--	Well frozen in casing
MW-16	08/21/23	108.86	56.85	52.01	**712 J**	--	--	--	--	--	--	--	--	--	
MW-16	05/02/24	108.86	56.75	52.11	**843 J**	--	--	--	--	--	--	--	--	--	
MW-17	04/19/23	109.90	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen in casing
MW-17	08/21/23	109.90	44.60	65.30	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-17	05/02/24	109.90	--	--	--	--	--	--	--	--	--	--	--	--	Well frozen, not gauged

Please refer to the final page of the table for the notes section.

Table 4 Notes
First Half 2023 through First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Notes

1. GRO analyzed by Alaska Method AK101, DRO analyzed by Alaska Method AK102.
2. Remaining constituents of concern analyzed by USEPA Method 8260D except where noted above.
3. All results reported in micrograms per liter.

Bold = Detected above laboratory method detection limit (MDL)
Bold and *Italicized* = Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
feet = Relative to NAVD88 for TOC and GW Elevation

Acronyms and Abbreviations:

-- = Not Available or Not Analyzed
<1.00 = Not detected at or above the reported detection limit (RDL)
µg/L = Micrograms per liter
ADEC = Alaska Department of Environmental Conservation
B = The same analyte is found in the associated blank
bTOC = Below top of casing
D = Concentration is based on a diluted sample analysis.
DRO = Total petroleum hydrocarbons, diesel range organiCs
DTW = Depth to groundwater
GRO = Total petroleum hydrocarbons, gasoline range organics
GW Elev. = Groundwater elevation
ID = Identification
J = The associated numerical value is an estimated concentration only
MDL = Method detection limit
MW = Groundwater monitoring well
NAVD 88 = North American Vertical Datum of 1988
RDL = Reporting detection limit
TOC = Top of casing
USEPA = U.S. Environmental Protection Agency
VOCs = Volatile organic compounds

Reference:

18 AAC 75. Department of Environmental Conservation, State of Alaska, Oil and Other Hazardous Substances Pollution Control, Table C. Groundwater Cleanup Levels, as amended through February 5, 2023.

Table 5
Historical Groundwater Additional Analytical Results
First Half 2023 through First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Comments
ADEC Groundwater Cleanup Levels		0.30	0.25	0.26	0.25	11	36	1.7	
MW-4R	04/19/23	--	--	--	--	--	--	--	
MW-4R	08/21/23	--	--	--	--	--	--	--	Gauge Only
MW-4R	05/02/24	--	--	--	--	--	--	--	Gauge Only
MW-5	04/19/23	<0.0500	<0.0500	<0.0500	--	--	--	--	
MW-5	08/21/23	<0.0500	<0.0500	<0.0500	<0.0500	<0.500	<0.500	<0.500	
MW-5	05/02/24	<0.0530 J	<0.0530 J	<0.0530 J	--	--	--	--	
Duplicate (MW-5)	05/02/24	<0.0540 J	<0.0540 J	<0.0540 J	--	--	--	--	
MW-6	04/19/23	--	--	--	--	--	--	--	Well inaccessible
MW-6	08/21/23	--	--	--	--	--	--	--	Gauge Only
MW-6	05/02/24	<0.0570	<0.0570	<0.0570	<0.0570	**0.0268 J**	<0.570	<0.570	
MW-7	04/19/23	--	--	--	--	--	--	--	Well inaccessible
MW-7	08/21/23	**0.0380 J**	**0.0288 J**	**0.0264 J**	**0.0255 J**	**14.5 J**	**20.9 J**	**42.0 J**	
Duplicate (MW-7)	08/21/23	<0.0520	<0.0520	<0.0520	<0.0520	**21.9 J**	**30.2 J**	**61.8 J**	
MW-7	05/02/24	--	--	--	--	--	--	--	Could not access
MW-8	04/19/23	--	--	--	--	--	--	--	
MW-8	08/21/23	--	--	--	--	--	--	--	
MW-8	05/02/24	--	--	--	--	--	--	--	
MW-9	04/19/23	--	--	--	--	--	--	--	
MW-9	08/21/23	--	--	--	--	--	--	--	Well inaccessible
MW-9	05/02/24	--	--	--	--	--	--	--	
MW-10R	04/19/23	--	--	--	--	--	--	**29.9 J**	
Duplicate (MW-10R)	04/19/23	--	--	--	--	--	--	**25.6**	
MW-10R	08/21/23	<0.0525	<0.0525	<0.0525 J	<0.0525	**3.04**	**0.952**	**16.0**	
MW-10R	05/02/24	--	--	--	--	--	--	**16.0 J**	
MW-12	04/19/23	--	--	--	--	--	--	--	
MW-12	08/21/23	--	--	--	--	--	--	--	
MW-12	05/02/24	--	--	--	--	--	--	--	
MW-13	04/19/23	--	--	--	--	--	--	--	Well frozen in casing
MW-13	08/21/23	--	--	--	--	--	--	--	
MW-13	05/02/24	--	--	--	--	--	--	--	
MW-14	04/19/23	--	--	--	--	--	--	--	Well frozen in casing
MW-14	08/21/23	--	--	--	--	--	--	--	
MW-14	05/02/24	--	--	--	--	--	--	--	Well frozen, not gauged and sampled
MW-15	04/19/23	<0.0515	<0.0515	<0.0515	<0.0515	<0.515	<0.515	<0.515	
MW-15	08/21/23	<0.0515	<0.0515	<0.0515	<0.0515	<0.515	<0.515	<0.515	
MW-15	05/02/24	<0.0530 J	<0.0530 J	<0.0530 J	<0.0530 J	<0.530 J	<0.530 J	<0.530 J	
MW-16	04/19/23	--	--	--	--	--	--	--	Well frozen in casing
MW-16	08/21/23	--	--	--	--	--	--	--	
MW-16	05/02/24	--	--	--	--	--	--	--	
MW-17	04/19/23	--	--	--	--	--	--	--	Well frozen in casing
MW-17	08/21/23	--	--	--	--	--	--	--	Gauge Only
MW-17	05/02/24	--	--	--	--	--	--	--	Well frozen, not gauged

Please refer to the final page of the table for the notes section.

Table 5 Notes
First Half 2023 through First Half 2024
Chevron #6097 (Former Chevron-Branded Service Station No. 96097)
303 West Fireweed Lane,
Anchorage, Alaska

Notes

1. Constituents of concern analyzed by USEPA Method 8270E-SIM.
2. All results reported in micrograms per liter.

Bold =	Detected above laboratory method detection limit (MDL)
Bold and Shaded =	Value exceeds ADEC Groundwater Cleanup Level

Acronyms and Abbreviations:

-- =	Not Available or Not Analyzed
<0.500 =	Not detected at or above the reported detection limit (RDL)
µg/L =	Micrograms per liter
ADEC =	Alaska Department of Environmental Conservation
ID =	Identification
J =	The associated numerical value is an estimated concentration only
MDL =	Method detection limit
MW =	Groundwater monitoring well
RDL =	reporting detection limit
USEPA =	U.S. Environmental Protection Agency

Reference:

18 AAC 75. Department of Environmental Conservation, State of Alaska, Oil and Other Hazardous Substances Pollution Control, Table C. Groundwater Cleanup Levels, as amended through February 5, 2023.

Attachment A

Field Notes

Daily Log

Project Number : 30064216

Prepared By: Evan Wujcik

Site ID: 96097

Site Name: Retail Outlet 96097

City: Anchorage

State: Alaska

Project Manager: Robinson, Gerald

Portfolio: COP 5.0

Subportfolio: West

Inside Chevron Operational Control? Yes ☐ No ☑

Staff on Site
Evan Wujcik

Weather(°F)	PPE	Equipment
CLOUDS, T:44.42 °F, rH:64%, Clouds: 100%, Wind:3.44mph NW		Water Quality Meter (i.e. YSI), Water Level Meter (WLM), Bladder Pump, Photoionization Detector (PID)

Date	Time	Description of Activities
05/02/2024	6:00	Arrive on site Locate Wells
05/02/2024	7:00	Sample MW13 Decon equipment See COC for analysis
05/02/2024	7:45	Sample MW15 Decon equipment See COC for analysis
05/02/2024	8:30	Sample MW8 Decon equipment See COC for analysis
05/02/2024	9:15	Sample MW16 Decon equipment See COC for analysis
05/02/2024	10:00	Sample MW12 Decon equipment See COC for analysis
05/02/2024	10:45	Sample MW9 Decon equipment See COC for analysis
05/02/2024	11:30	Sample MW5 BD/MS/MSD samples collected from this location Decon equipment See COC for analysis
05/02/2024	12:15	Sample MW10R Decon equipment See COC for analysis
05/02/2024	13:00	Sample MW6 Decon equipment See COC for analysis

Daily Log

05/02/2024	14:30	Could not access MW-7. Car parked over well. See photo. MW-17 and 14 frozen. No gauge or samples. Load vehicle Mobilize offsite

Signature

Groundwater Gauging Log

Project Number	30064216
Client:	Chevron
Site ID:	96097
Site Location:	Anchorage, Alaska
Measuring Point:	Top of Casing
Date(s):	05/02/2024
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-4R	05/02/2024	06:53	42.95	ND	51.50	0	--	--
MW-5	05/02/2024	06:53	44.65	ND	49.50	0	--	--
MW-6	05/02/2024	06:25	45.62	ND	54.10	0	--	--
MW-8	05/02/2024	06:08	55.75	ND	64.00	0	--	--
MW-9	05/02/2024	06:31	44.65	ND	52.00	0	--	--
MW-10R	05/02/2024	06:26	44.46	ND	51.30	0	--	--
MW-12	05/02/2024	06:06	59.48	ND	68.00	0	--	--
MW-13	05/02/2024	06:16	43.38	ND	63.90	0	--	--
MW-15	05/02/2024	06:10	55.50	ND	61.40	0	--	--
MW-16	05/02/2024	06:40	56.75	ND	62.70	0	--	--

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

ppm = parts per million -- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064216	**Well ID**	MW-6	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	45 to 60	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	45.62	**Total Depth (ft-bmp)**	54.1	**Water Column (ft)**	8.48	**Gallons in Well**	1.38
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	13:00	**Well Volumes Purged**	0.57	**Sample ID**	MW-6-W-20240502	**Purge Equipment**	Bladder
Purge Start	12:30	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	12:50	**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)	Color
12:33	200	45.63	7.54	0.346	171	1.37	6.86	-103	--
12:36	200	45.64	7.53	0.342	114	0.21	6.90	-109	--
12:39	200	45.65	7.59	0.339	75.6	0.00	6.93	-113	--
12:42	200	45.66	7.63	0.338	57.9	0.00	6.94	-119	--
12:45	200	46.66	7.67	0.336	51.9	0.00	6.95	-123	--

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-6-W-20240502	Sample Time:	13:00	Sample Depth (ft-bmp) (e.g. pump intake):	46
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	45.66

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	30064216	**Well ID**	MW-10R	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	44.46	**Total Depth (ft-bmp)**	51.3	**Water Column (ft)**	6.84	**Gallons in Well**	1.11
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	12:15	**Well Volumes Purged**	0.57	**Sample ID**	MW-10R-W-20240502	**Purge Equipment**	Bladder
Purge Start	11:50	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	13:10	**Total Purge Time (h:m)**	1:20				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Color
11:53	200	44.48	7.43	0.517	62.2	0.68	7.51	-81	--
11:56	200	44.49	7.42	0.469	60.0	0.63	7.55	-84	--
11:59	200	44.5	7.41	0.439	60.4	0.75	7.56	-88	--
12:02	200	44.51	7.45	0.421	58.1	0.94	7.94	-91	--

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-10R-W-20240502	Sample Time:	12:15	Sample Depth (ft-bmp) (e.g. pump intake):	45.5
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	44.51

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	30064216	**Well ID**	MW-9	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	4	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	44.65	**Total Depth (ft-bmp)**	52	**Water Column (ft)**	7.35	**Gallons in Well**	4.78
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	10:45	**Well Volumes Purged**	0.13	**Sample ID**	MW-9-W-20240502	**Purge Equipment**	Bladder
Purge Start	10:20	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	10:40	**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)	Color
10:23	200	44.65	6.89	0.538	20.4	2.52	7.37	2	--
10:26	200	44.65	6.97	0.535	17.3	2.43	7.31	11	--
10:29	200	44.65	7.01	0.535	16.7	2.14	7.32	14	--
10:32	200	44.65	6.98	0.527	17.5	2.22	7.18	19	--

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-20240502	Sample Time:	10:45	Sample Depth (ft-bmp) (e.g. pump intake):	45.5
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	44.65

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	30064216	**Well ID**	MW-12	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	59.48	**Total Depth (ft-bmp)**	68	**Water Column (ft)**	8.52	**Gallons in Well**	1.38
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	10:00	**Well Volumes Purged**	0.46	**Sample ID**	MW-12-W-20240502	**Purge Equipment**	Bladder
Purge Start	09:30	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
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)	Color
09:33	200	59.5	7.70	0.419	75.4	1.14	7.47	-127	--
09:36	200	59.52	7.93	0.417	64.3	0.68	7.49	-140	--
09:39	200	59.53	7.96	0.414	35.8	0.27	7.51	-145	--
09:42	200	59.54	7.97	0.413	29.1	0.00	7.52	-148	--

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-12-W-20240502 Sample Time: 10:00 Sample Depth (ft-bmp) (e.g. pump intake): 60.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling 59.54

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	30064216	**Well ID**	MW-16	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	56.75	**Total Depth (ft-bmp)**	62.7	**Water Column (ft)**	5.95	**Gallons in Well**	0.97
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	09:15	**Well Volumes Purged**	0.65	**Sample ID**	MW-16-W-20240502	**Purge Equipment**	Bladder
Purge Start	10:30	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	10:50	**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)	Color
08:53	200	56.76	7.97	0.471	339	2.25	6.94	-135	--
08:56	200	56.77	7.93	0.470	205	0.57	6.89	-148	--
08:59	200	56.78	7.94	0.470	168	0.31	6.88	-152	--
09:02	200	56.78	7.96	0.470	141	0.00	6.87	-156	--

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-16-W-20240502	Sample Time:	09:15	Sample Depth (ft-bmp) (e.g. pump intake):	57.5
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	56.78

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	30064216	**Well ID**	MW-8	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	55.75	**Total Depth (ft-bmp)**	64	**Water Column (ft)**	8.25	**Gallons in Well**	1.34
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	08:30	**Well Volumes Purged**	0.47	**Sample ID**	MW-8-W-20240502	**Purge Equipment**	Bladder
Purge Start	08:00	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	08:20	**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)	Color
08:03	200	55.76	7.75	0.391	839	1.10	10.87	-126	--
08:06	200	55.77	7.81	0.389	668	0.39	10.42	-131	--
08:09	200	55.78	7.83	0.384	570	0.00	10.01	-135	--
08:12	200	55.78	7.82	0.383	531	0.00	9.90	-139	--

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-8-W-20240502	Sample Time:	08:30	Sample Depth (ft-bmp) (e.g. pump intake):	56.5
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	55.78

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	30064216	**Well ID**	MW-15	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	55.5	**Total Depth (ft-bmp)**	61.4	**Water Column (ft)**	5.9	**Gallons in Well**	0.96
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	07:45	**Well Volumes Purged**	0.66	**Sample ID**	MW-15-W-20240502	**Purge Equipment**	Bladder
Purge Start	07:20	**Gallons Purged**	0.63	**Duplicate ID**	--	**Sample Equipment**	Bladder
Purge End	07:40	**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)	Color
07:23	200	55.52	8.09	0.413	91.5	1.44	10.41	-122	--
07:26	200	55.54	7.82	0.426	99.1	0.24	9.72	-127	--
07:29	200	55.55	7.84	0.425	116	0.00	9.40	-131	--
07:32	200	55.56	7.84	0.424	137	0.00	9.23	-134	--

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-15-W-20240502	Sample Time:	07:45	Sample Depth (ft-bmp) (e.g. pump intake):	56.5
Analytes and Methods:	See Chain-of-Custody.			Depth to Water at Time of Sampling	55.56

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	30064216	**Well ID**	MW-13	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**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)	43.38	**Total Depth (ft-bmp)**	63.9	**Water Column (ft)**	20.52	**Gallons in Well**	3.33
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**			Grab

Sample Time	07:00	**Well Volumes Purged**	0.24	**Sample ID**	MW-13-W-20240502	**Purge Equipment**	Bladder
Purge Start	06:30	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Bladder
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)	Color
06:33	200	43.39	8.10	0.516	46.4	2.00	8.42	-79	--
06:36	200	43.4	7.94	0.494	40.5	1.60	8.07	-74	--
06:39	200	43.41	7.79	0.476	30.8	1.22	7.82	-77	--
06:42	200	43.42	7.74	0.470	26.0	1.09	7.73	-80	--
06:45	200	43.42	7.70	0.467	22.2	1.00	7.70	-84	--

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-13-W-20240502 Sample Time: 07:00 Sample Depth (ft-bmp) (e.g. pump intake): 44.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling 43.42

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	30064216	**Well ID**	MW-5	**Date**	5/2/2024		
Site Location	Anchorage, Alaska	**Site ID**	96097	**Weather (°F)**	Clear	**Sampled by**	Evan Wujcik
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	4	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	44.65	**Total Depth (ft-bmp)**	49.5	**Water Column (ft)**	4.85	**Gallons in Well**	3.15
Water Quality Meter Make/Model	Horiba U-52	**Purge Method**	Low-Flow	**Collection Type**		Grab	
Sample Time	11:30	**Well Volumes Purged**	0.25	**Sample ID**	MW-5-W-20240502	**Purge Equipment**	Bladder
Purge Start	11:00	**Gallons Purged**	0.79	**Duplicate ID**	BD/MS/MSD	**Sample Equipment**	Bladder
Purge End	11:20	**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)	Color
11:03	200	44.65	7.25	1.09	25.2	0.75	7.27	-29	--
11:06	200	44.65	7.30	1.24	23.7	0.28	7.20	-47	--
11:09	200	44.65	7.37	1.29	18.9	0.00	7.18	-53	--
11:12	200	44.65	7.39	1.30	18.9	0.00	7.13	-56	--
11:15	200	44.65	7.40	1.33	17.2	0.00	7.10	-58	--

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-5-W-20240502 Sample Time: 11:30 Sample Depth (ft-bmp) (e.g. pump intake): 45.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling 44.65

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

Attachment B

Laboratory Analytical Results

ANALYTICAL REPORT

June 14, 2024

Revised Report

Arcadis - Chevron - AK

Sample Delivery Group:	L1732990
Samples Received:	05/04/2024
Project Number:	30064216.19.45
Description:	96097
Site:	303 W FIREWEED LANE ANCHORAGE
Report To:	Gerald Robinson 880 H St. Anchorage, AK 99501

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-5-W-20240502 L1732990-01 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 11:30 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/09/24 23:25	05/09/24 23:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2285049	1	05/12/24 18:49	05/12/24 18:49	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.05	05/11/24 12:47	05/13/24 12:53	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2282225	1.06	05/08/24 09:17	05/09/24 01:47	DSH	Mt. Juliet, TN

MW-10R-W-20240502 L1732990-02 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 12:15 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/09/24 23:52	05/09/24 23:52	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2283872	5	05/10/24 22:23	05/10/24 22:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1	05/11/24 12:47	05/13/24 14:53	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2282225	1.08	05/08/24 09:17	05/09/24 00:09	DSH	Mt. Juliet, TN

MW-15-W-20240502 L1732990-03 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 07:45 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/10/24 00:19	05/10/24 00:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2283872	1	05/10/24 18:55	05/10/24 18:55	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.11	05/11/24 12:47	05/13/24 15:14	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2282225	1.06	05/08/24 09:17	05/09/24 00:28	DSH	Mt. Juliet, TN

BD-1-W-20240502 L1732990-04 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 00:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	10	05/10/24 02:08	05/10/24 02:08	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2285137	1	05/13/24 10:24	05/13/24 10:24	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.18	05/11/24 12:47	05/13/24 15:34	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2282225	1.08	05/08/24 09:17	05/09/24 02:45	DSH	Mt. Juliet, TN

EQB-1-W-20240502 L1732990-05 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 13:30 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/09/24 19:53	05/09/24 19:53	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2283872	1	05/10/24 17:40	05/10/24 17:40	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.05	05/11/24 12:47	05/13/24 15:54	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2281845	1	05/07/24 21:16	05/08/24 04:26	MKM	Mt. Juliet, TN

MW-8-W-20240502 L1732990-06 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 08:30 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2282961	1	05/09/24 12:42	05/09/24 12:42	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.18	05/11/24 12:47	05/13/24 16:14	MAA	Mt. Juliet, TN

MW-9-W-20240502 L1732990-07 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 10:45 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/10/24 00:46	05/10/24 00:46	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2282961	1	05/09/24 13:04	05/09/24 13:04	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.11	05/11/24 12:47	05/13/24 16:34	MAA	Mt. Juliet, TN

MW-12-W-20240502 L1732990-08 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 10:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.11	05/11/24 12:47	05/13/24 16:55	MAA	Mt. Juliet, TN

MW-13-W-20240502 L1732990-09 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 07:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.05	05/11/24 12:47	05/13/24 17:15	MAA	Mt. Juliet, TN

MW-16-W-20240502 L1732990-10 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 09:15 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.11	05/11/24 12:47	05/13/24 17:43	MAA	Mt. Juliet, TN

TRIP BLANK 1-20240502 L1732990-11 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 00:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/09/24 18:19	05/09/24 18:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2283872	1	05/10/24 17:02	05/10/24 17:02	JAH	Mt. Juliet, TN

TRIP BLANK 2-20240502 L1732990-12 GW

Collected by: E Wujcik | Collected date/time: 05/02/24 00:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/09/24 19:26	05/09/24 19:26	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2283872	1	05/10/24 17:21	05/10/24 17:21	JAH	Mt. Juliet, TN

MW-6-W-20240502 L1732990-13 GW

Collected by: | Collected date/time: 05/02/24 13:00 | Received date/time: 05/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method AK101	WG2282950	1	05/10/24 01:13	05/10/24 01:13	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2284223	1	05/10/24 16:47	05/10/24 16:47	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method AK102	WG2284413	1.11	05/11/24 12:47	05/13/24 18:03	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2281845	1.14	05/07/24 21:16	05/08/24 08:10	MKM	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

Report Revision History

Level II Report - Version 1: 05/14/24 14:48

Project Comments

revised: per client request.
Please have BD-1 to report:
GRO/DRO/BTEX/1,2,4-TMB and 1,3,5-TMB (8260)
Benz(a)anthracene, Benz(a)pyrene and Benz(g,h,i)perylene

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

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

Batch	Lab Sample ID	Analytes
WG2283872	(MSD) R4068681-5	1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Benzene, Ethylbenzene, Isopropylbenzene, n-Propylbenzene, Toluene and Xylenes, Total
WG2284223	(MSD) R4068904-5	1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Benzene, Ethylbenzene, Isopropylbenzene, n-Propylbenzene, Toluene and Xylenes, Total

Semi-Volatile Organic Compounds (GC) by Method AK102

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2284413	(LCSD) R4069142-3, L1732990-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 13	AK102 DRO C10-C25

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

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2282225	p-Terphenyl-d14	(LCS) R4067629-1

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

Batch	Lab Sample ID	Analytes
WG2282225	(MSD) R4067629-4, (MSD) R4067629-6, L1732990-01	1-Methylnaphthalene, 2-Methylnaphthalene, Benzo(a)anthracene and Naphthalene

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	206		28.7	100	1	05/09/2024 23:25	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*86.3*			*50.0-150*		*05/09/2024 23:25*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	5.82		0.322	1.00	1	05/12/2024 18:49	WG2285049
1,3,5-Trimethylbenzene	1.77		0.104	1.00	1	05/12/2024 18:49	WG2285049
Benzene	0.989	J	0.0941	1.00	1	05/12/2024 18:49	WG2285049
Toluene	1.07		0.278	1.00	1	05/12/2024 18:49	WG2285049
Ethylbenzene	1.14		0.137	1.00	1	05/12/2024 18:49	WG2285049
Xylenes, Total	2.94	J	0.174	3.00	1	05/12/2024 18:49	WG2285049
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2024 18:49*	WG2285049
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/12/2024 18:49*	WG2285049
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*05/12/2024 18:49*	WG2285049

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	764	J J4	179	840	1.05	05/13/2024 12:53	WG2284413
(S) o-Terphenyl	*70.4*			*50.0-150*		*05/13/2024 12:53*	WG2284413

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
Benzo(a)anthracene	U	J3	0.0212	0.0530	1.06	05/09/2024 01:47	WG2282225
Benzo(a)pyrene	U		0.0191	0.0530	1.06	05/09/2024 01:47	WG2282225
Benzo(g,h,i)perylene	U		0.0191	0.0530	1.06	05/09/2024 01:47	WG2282225
(S) Nitrobenzene-d5	*87.8*			*11.0-135*		*05/09/2024 01:47*	WG2282225
(S) 2-Fluorobiphenyl	*79.3*			*32.0-120*		*05/09/2024 01:47*	WG2282225
(S) p-Terphenyl-d14	*68.1*			*23.0-122*		*05/09/2024 01:47*	WG2282225

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	1370		28.7	100	1	05/09/2024 23:52	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*90.5*			*50.0-150*		*05/09/2024 23:52*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	223		1.61	5.00	5	05/10/2024 22:23	WG2283872
1,3,5-Trimethylbenzene	33.3		0.520	5.00	5	05/10/2024 22:23	WG2283872
Benzene	0.780	J	0.471	5.00	5	05/10/2024 22:23	WG2283872
Toluene	1.44	J	1.39	5.00	5	05/10/2024 22:23	WG2283872
Ethylbenzene	32.9		0.685	5.00	5	05/10/2024 22:23	WG2283872
Xylenes, Total	30.5		0.870	15.0	5	05/10/2024 22:23	WG2283872
(S) Toluene-d8	*107*			*80.0-120*		*05/10/2024 22:23*	WG2283872
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*05/10/2024 22:23*	WG2283872
(S) 1,2-Dichloroethane-d4	*87.2*			*70.0-130*		*05/10/2024 22:23*	WG2283872

Sample Narrative:

L1732990-02 WG2283872: 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	661	J J4	170	800	1	05/13/2024 14:53	WG2284413
(S) o-Terphenyl	*62.4*			*50.0-150*		*05/13/2024 14:53*	WG2284413

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
Naphthalene	16.0		0.138	0.540	1.08	05/09/2024 00:09	WG2282225
(S) Nitrobenzene-d5	*99.1*			*11.0-135*		*05/09/2024 00:09*	WG2282225
(S) 2-Fluorobiphenyl	*94.0*			*32.0-120*		*05/09/2024 00:09*	WG2282225
(S) p-Terphenyl-d14	*93.0*			*23.0-122*		*05/09/2024 00:09*	WG2282225

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	05/10/2024 00:19	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*90.4*			*50.0-150*		*05/10/2024 00:19*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/10/2024 18:55	WG2283872
Benzene	0.113	J	0.0941	1.00	1	05/10/2024 18:55	WG2283872
Toluene	U		0.278	1.00	1	05/10/2024 18:55	WG2283872
Ethylbenzene	U		0.137	1.00	1	05/10/2024 18:55	WG2283872
Xylenes, Total	U		0.174	3.00	1	05/10/2024 18:55	WG2283872
Isopropylbenzene	U		0.105	1.00	1	05/10/2024 18:55	WG2283872
(S) Toluene-d8	*100*			*80.0-120*		*05/10/2024 18:55*	WG2283872
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*05/10/2024 18:55*	WG2283872
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*05/10/2024 18:55*	WG2283872

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	J4	189	888	1.11	05/13/2024 15:14	WG2284413
(S) o-Terphenyl	*65.8*			*50.0-150*		*05/13/2024 15:14*	WG2284413

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
Benzo(a)anthracene	U		0.0212	0.0530	1.06	05/09/2024 00:28	WG2282225
Benzo(a)pyrene	U		0.0191	0.0530	1.06	05/09/2024 00:28	WG2282225
Benzo(g,h,i)perylene	U		0.0191	0.0530	1.06	05/09/2024 00:28	WG2282225
Dibenz(a,h)anthracene	U		0.0191	0.0530	1.06	05/09/2024 00:28	WG2282225
1-Methylnaphthalene	U		0.0212	0.530	1.06	05/09/2024 00:28	WG2282225
2-Methylnaphthalene	U		0.0297	0.530	1.06	05/09/2024 00:28	WG2282225
Naphthalene	U		0.136	0.530	1.06	05/09/2024 00:28	WG2282225
(S) Nitrobenzene-d5	*103*			*11.0-135*		*05/09/2024 00:28*	WG2282225
(S) 2-Fluorobiphenyl	*75.1*			*32.0-120*		*05/09/2024 00:28*	WG2282225
(S) p-Terphenyl-d14	*104*			*23.0-122*		*05/09/2024 00:28*	WG2282225

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		287	1000	10	05/10/2024 02:08	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*90.7*			*50.0-150*		*05/10/2024 02:08*	WG2282950

Sample Narrative:

L1732990-04 WG2282950: Elevated RL due to foamy matrix.

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	9.86		0.322	1.00	1	05/13/2024 10:24	WG2285137
1,3,5-Trimethylbenzene	2.81		0.104	1.00	1	05/13/2024 10:24	WG2285137
Benzene	1.07		0.0941	1.00	1	05/13/2024 10:24	WG2285137
Toluene	1.23		0.278	1.00	1	05/13/2024 10:24	WG2285137
Ethylbenzene	1.54		0.137	1.00	1	05/13/2024 10:24	WG2285137
Xylenes, Total	4.40		0.174	3.00	1	05/13/2024 10:24	WG2285137
(S) Toluene-d8	*105*			*80.0-120*		*05/13/2024 10:24*	WG2285137
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*		*05/13/2024 10:24*	WG2285137
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/13/2024 10:24*	WG2285137

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	886	J J4	201	944	1.18	05/13/2024 15:34	WG2284413
(S) o-Terphenyl	*72.7*			*50.0-150*		*05/13/2024 15:34*	WG2284413

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
Benzo(a)anthracene	U		0.0216	0.0540	1.08	05/09/2024 02:45	WG2282225
Benzo(a)pyrene	U		0.0194	0.0540	1.08	05/09/2024 02:45	WG2282225
Benzo(g,h,i)perylene	U		0.0194	0.0540	1.08	05/09/2024 02:45	WG2282225
(S) Nitrobenzene-d5	*94.4*			*11.0-135*		*05/09/2024 02:45*	WG2282225
(S) 2-Fluorobiphenyl	*83.7*			*32.0-120*		*05/09/2024 02:45*	WG2282225
(S) p-Terphenyl-d14	*68.8*			*23.0-122*		*05/09/2024 02:45*	WG2282225

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	05/09/2024 19:53	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*86.2*			*50.0-150*		*05/09/2024 19:53*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/10/2024 17:40	WG2283872
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/10/2024 17:40	WG2283872
Benzene	U		0.0941	1.00	1	05/10/2024 17:40	WG2283872
Toluene	U		0.278	1.00	1	05/10/2024 17:40	WG2283872
Ethylbenzene	U		0.137	1.00	1	05/10/2024 17:40	WG2283872
Xylenes, Total	U		0.174	3.00	1	05/10/2024 17:40	WG2283872
Isopropylbenzene	U		0.105	1.00	1	05/10/2024 17:40	WG2283872
n-Propylbenzene	U		0.0993	1.00	1	05/10/2024 17:40	WG2283872
(S) Toluene-d8	*105*			*80.0-120*		*05/10/2024 17:40*	WG2283872
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*05/10/2024 17:40*	WG2283872
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*		*05/10/2024 17:40*	WG2283872

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	J4	179	840	1.05	05/13/2024 15:54	WG2284413
(S) o-Terphenyl	*69.9*			*50.0-150*		*05/13/2024 15:54*	WG2284413

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
Benzo(a)anthracene	U		0.0200	0.0500	1	05/08/2024 04:26	WG2281845
Benzo(a)pyrene	U		0.0180	0.0500	1	05/08/2024 04:26	WG2281845
Benzo(g,h,i)perylene	U		0.0180	0.0500	1	05/08/2024 04:26	WG2281845
Dibenz(a,h)anthracene	U		0.0180	0.0500	1	05/08/2024 04:26	WG2281845
1-Methylnaphthalene	U		0.0200	0.500	1	05/08/2024 04:26	WG2281845
2-Methylnaphthalene	U		0.0280	0.500	1	05/08/2024 04:26	WG2281845
Naphthalene	U		0.128	0.500	1	05/08/2024 04:26	WG2281845
(S) Nitrobenzene-d5	*104*			*11.0-135*		*05/08/2024 04:26*	WG2281845
(S) 2-Fluorobiphenyl	*95.5*			*32.0-120*		*05/08/2024 04:26*	WG2281845
(S) p-Terphenyl-d14	*97.0*			*23.0-122*		*05/08/2024 04:26*	WG2281845

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.168	J	0.0941	1.00	1	05/09/2024 12:42	WG2282961
Toluene	U		0.278	1.00	1	05/09/2024 12:42	WG2282961
Ethylbenzene	U		0.137	1.00	1	05/09/2024 12:42	WG2282961
Total Xylenes	U		0.174	3.00	1	05/09/2024 12:42	WG2282961
(S) Toluene-d8	*111*			*80.0-120*		*05/09/2024 12:42*	WG2282961
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/09/2024 12:42*	WG2282961
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*05/09/2024 12:42*	WG2282961

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	225	J J4	201	944	1.18	05/13/2024 16:14	WG2284413
(S) o-Terphenyl	*69.4*			*50.0-150*		*05/13/2024 16:14*	WG2284413

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	05/10/2024 00:46	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*86.6*			*50.0-150*		*05/10/2024 00:46*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.181	J	0.0941	1.00	1	05/09/2024 13:04	WG2282961
Toluene	U		0.278	1.00	1	05/09/2024 13:04	WG2282961
Ethylbenzene	U		0.137	1.00	1	05/09/2024 13:04	WG2282961
Total Xylenes	U		0.174	3.00	1	05/09/2024 13:04	WG2282961
(S) Toluene-d8	*106*			*80.0-120*		*05/09/2024 13:04*	WG2282961
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*05/09/2024 13:04*	WG2282961
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*		*05/09/2024 13:04*	WG2282961

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	199	J J4	189	888	1.11	05/13/2024 16:34	WG2284413
(S) o-Terphenyl	*66.7*			*50.0-150*		*05/13/2024 16:34*	WG2284413

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	U	J4	189	888	1.11	05/13/2024 16:55	WG2284413
(S) o-Terphenyl	*64.1*			*50.0-150*		*05/13/2024 16:55*	WG2284413

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	U	J4	179	840	1.05	05/13/2024 17:15	WG2284413
(S) o-Terphenyl	*70.0*			*50.0-150*		*05/13/2024 17:15*	WG2284413

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	843	J J4	189	888	1.11	05/13/2024 17:43	WG2284413
(S) o-Terphenyl	*67.4*			*50.0-150*		*05/13/2024 17:43*	WG2284413

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	05/09/2024 18:19	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*85.5*			*50.0-150*		*05/09/2024 18:19*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/10/2024 17:02	WG2283872
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/10/2024 17:02	WG2283872
Benzene	U		0.0941	1.00	1	05/10/2024 17:02	WG2283872
Toluene	0.342	J	0.278	1.00	1	05/10/2024 17:02	WG2283872
Ethylbenzene	U		0.137	1.00	1	05/10/2024 17:02	WG2283872
Xylenes, Total	U		0.174	3.00	1	05/10/2024 17:02	WG2283872
Isopropylbenzene	U		0.105	1.00	1	05/10/2024 17:02	WG2283872
n-Propylbenzene	U		0.0993	1.00	1	05/10/2024 17:02	WG2283872
(S) Toluene-d8	*102*			*80.0-120*		*05/10/2024 17:02*	WG2283872
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*05/10/2024 17:02*	WG2283872
(S) 1,2-Dichloroethane-d4	*86.3*			*70.0-130*		*05/10/2024 17:02*	WG2283872

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	05/09/2024 19:26	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*50.0-150*		*05/09/2024 19:26*	WG2282950

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/10/2024 17:21	WG2283872
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/10/2024 17:21	WG2283872
Benzene	U		0.0941	1.00	1	05/10/2024 17:21	WG2283872
Toluene	U		0.278	1.00	1	05/10/2024 17:21	WG2283872
Ethylbenzene	U		0.137	1.00	1	05/10/2024 17:21	WG2283872
Xylenes, Total	U		0.174	3.00	1	05/10/2024 17:21	WG2283872
Isopropylbenzene	U		0.105	1.00	1	05/10/2024 17:21	WG2283872
n-Propylbenzene	U		0.0993	1.00	1	05/10/2024 17:21	WG2283872
(S) Toluene-d8	*101*			*80.0-120*		*05/10/2024 17:21*	WG2283872
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*05/10/2024 17:21*	WG2283872
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*05/10/2024 17:21*	WG2283872

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	05/10/2024 01:13	WG2282950
(S) a,a,a-Trifluorotoluene(FID)	*89.6*			*50.0-150*		*05/10/2024 01:13*	WG2282950

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/10/2024 16:47	WG2284223
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/10/2024 16:47	WG2284223
Benzene	U		0.0941	1.00	1	05/10/2024 16:47	WG2284223
Toluene	U		0.278	1.00	1	05/10/2024 16:47	WG2284223
Ethylbenzene	U		0.137	1.00	1	05/10/2024 16:47	WG2284223
Xylenes, Total	U		0.174	3.00	1	05/10/2024 16:47	WG2284223
Isopropylbenzene	U		0.105	1.00	1	05/10/2024 16:47	WG2284223
n-Propylbenzene	U		0.0993	1.00	1	05/10/2024 16:47	WG2284223
(S) Toluene-d8	*98.9*			*80.0-120*		*05/10/2024 16:47*	WG2284223
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*05/10/2024 16:47*	WG2284223
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*05/10/2024 16:47*	WG2284223

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	U	J4	189	888	1.11	05/13/2024 18:03	WG2284413
(S) o-Terphenyl	*60.6*			*50.0-150*		*05/13/2024 18:03*	WG2284413

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	
Benzo(a)anthracene	U		0.0228	0.0570	1.14	05/08/2024 08:10	WG2281845
Benzo(a)pyrene	U		0.0205	0.0570	1.14	05/08/2024 08:10	WG2281845
Benzo(g,h,i)perylene	U		0.0205	0.0570	1.14	05/08/2024 08:10	WG2281845
Dibenz(a,h)anthracene	U		0.0205	0.0570	1.14	05/08/2024 08:10	WG2281845
1-Methylnaphthalene	0.0268	J	0.0228	0.570	1.14	05/08/2024 08:10	WG2281845
2-Methylnaphthalene	U		0.0319	0.570	1.14	05/08/2024 08:10	WG2281845
Naphthalene	U		0.146	0.570	1.14	05/08/2024 08:10	WG2281845
(S) Nitrobenzene-d5	*106*			*11.0-135*		*05/08/2024 08:10*	WG2281845
(S) 2-Fluorobiphenyl	*97.8*			*32.0-120*		*05/08/2024 08:10*	WG2281845
(S) p-Terphenyl-d14	*98.2*			*23.0-122*		*05/08/2024 08:10*	WG2281845

Method Blank (MB)

(MB) R4068366-3 05/09/24 14:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPHGAK C6 to C10	U		28.7	100
(S) a,a,a-Trifluorotoluene(FID)	*89.3*			*60.0-120*

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

(LCS) R4068366-1 05/09/24 13:23 • (LCSD) R4068366-2 05/09/24 13:51

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	4990	5090	99.8	102	60.0-120			1.98	20
(S) a,a,a-Trifluorotoluene(FID)				*93.3*	*95.3*	*60.0-120*				

L1732176-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732176-16 05/09/24 22:58 • (MS) R4068366-4 05/10/24 02:35 • (MSD) R4068366-5 05/10/24 03:10

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	5220	6340	104	127	1	70.0-130			19.4	20
(S) a,a,a-Trifluorotoluene(FID)					*92.6*	*93.8*		*50.0-150*				

L1732990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732990-01 05/09/24 23:25 • (MS) R4068366-6 05/10/24 03:37 • (MSD) R4068366-7 05/10/24 04:04

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	206	6330	6250	122	121	1	70.0-130			1.27	20
(S) a,a,a-Trifluorotoluene(FID)					*95.8*	*96.4*		*50.0-150*				

Method Blank (MB)

(MB) R4068805-2 05/09/24 05:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*

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

(LCS) R4068805-1 05/09/24 04:16 • (LCSD) R4068805-3 05/09/24 07:11

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 %
Benzene	5.00	4.67	5.08	93.4	102	70.0-123			8.41	20
Toluene	5.00	4.84	5.24	96.8	105	79.0-120			7.94	20
Ethylbenzene	5.00	4.83	4.89	96.6	97.8	79.0-123			1.23	20
Total Xylenes	15.0	15.2	15.7	101	105	79.0-123			3.24	20
(S) Toluene-d8				*106*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*99.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*86.0*	*90.3*	*70.0-130*				

Method Blank (MB)

(MB) R4068681-2 05/10/24 15:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
Isopropylbenzene	U		0.105	1.00
n-Propylbenzene	U		0.0993	1.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.2*			*70.0-130*

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

(LCS) R4068681-1 05/10/24 14:16 • (LCSD) R4068681-3 05/10/24 16:24

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 %
1,2,4-Trimethylbenzene	5.00	5.37	5.30	107	106	76.0-121			1.31	20
1,3,5-Trimethylbenzene	5.00	5.42	5.47	108	109	76.0-122			0.918	20
Benzene	5.00	5.31	5.71	106	114	70.0-123			7.26	20
Toluene	5.00	4.94	4.99	98.8	99.8	79.0-120			1.01	20
Ethylbenzene	5.00	4.75	5.06	95.0	101	79.0-123			6.32	20
Xylenes, Total	15.0	13.8	14.5	92.0	96.7	79.0-123			4.95	20
Isopropylbenzene	5.00	4.62	4.90	92.4	98.0	76.0-127			5.88	20
n-Propylbenzene	5.00	6.01	6.10	120	122	77.0-124			1.49	20
(S) Toluene-d8				*101*	*99.7*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.0*	*98.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*88.8*	*90.4*	*70.0-130*				

L1732958-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732958-21 05/10/24 18:17 • (MS) R4068681-4 05/10/24 23:20 • (MSD) R4068681-5 05/10/24 23:39

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 %
1,2,4-Trimethylbenzene	5.00	U	3.22	5.19	64.4	104	1	26.0-154		J3	46.8	27
1,3,5-Trimethylbenzene	5.00	U	3.26	5.38	65.2	108	1	28.0-153		J3	49.1	27
Benzene	5.00	U	3.30	5.19	66.0	104	1	17.0-158		J3	44.5	27
Toluene	5.00	U	3.15	4.94	63.0	98.8	1	26.0-154		J3	44.3	28
Ethylbenzene	5.00	U	3.01	4.80	60.2	96.0	1	30.0-155		J3	45.8	27

L1732958-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732958-21 05/10/24 18:17 • (MS) R4068681-4 05/10/24 23:20 • (MSD) R4068681-5 05/10/24 23:39

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 %
Xylenes, Total	15.0	U	8.41	13.4	56.1	89.3	1	29.0-154		J3	45.8	28
Isopropylbenzene	5.00	U	2.95	4.43	59.0	88.6	1	28.0-157		J3	40.1	27
n-Propylbenzene	5.00	U	3.74	6.20	74.8	124	1	31.0-154		J3	49.5	28
(S) Toluene-d8					*101*	*101*		*80.0-120*				
(S) 4-Bromofluorobenzene					*93.8*	*91.4*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*90.0*	*90.4*		*70.0-130*				

Method Blank (MB)

(MB) R4068904-3 05/10/24 15:29

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
Isopropylbenzene	U		0.105	1.00
n-Propylbenzene	U		0.0993	1.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*

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

(LCS) R4068904-1 05/10/24 14:15 • (LCSD) R4068904-2 05/10/24 14:33

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	%	%	%			%	%
1,2,4-Trimethylbenzene	5.00	4.51	4.54	90.2	90.8	76.0-121			0.663	20
1,3,5-Trimethylbenzene	5.00	4.79	4.82	95.8	96.4	76.0-122			0.624	20
Benzene	5.00	5.47	5.37	109	107	70.0-123			1.85	20
Toluene	5.00	5.72	5.72	114	114	79.0-120			0.000	20
Ethylbenzene	5.00	5.06	5.08	101	102	79.0-123			0.394	20
Xylenes, Total	15.0	15.9	15.9	106	106	79.0-123			0.000	20
Isopropylbenzene	5.00	5.19	5.12	104	102	76.0-127			1.36	20
n-Propylbenzene	5.00	4.48	4.33	89.6	86.6	77.0-124			3.41	20
(S) Toluene-d8				*103*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.6*	*97.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*94.8*	*94.1*	*70.0-130*				

L1734594-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1734594-05 05/10/24 19:16 • (MS) R4068904-4 05/10/24 22:41 • (MSD) R4068904-5 05/10/24 23:00

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	%	%		%			%	%
1,2,4-Trimethylbenzene	2.50	U	1.94	3.53	77.6	70.6	1	26.0-154		J3	58.1	27
1,3,5-Trimethylbenzene	2.50	U	2.09	3.67	83.6	73.4	1	28.0-153		J3	54.9	27
Benzene	2.50	U	2.87	4.46	115	89.2	1	17.0-158		J3	43.4	27
Toluene	2.50	U	2.93	4.54	117	90.8	1	26.0-154		J3	43.1	28
Ethylbenzene	2.50	U	2.68	3.97	107	79.4	1	30.0-155		J3	38.8	27

L1734594-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1734594-05 05/10/24 19:16 • (MS) R4068904-4 05/10/24 22:41 • (MSD) R4068904-5 05/10/24 23:00

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 %
Xylenes, Total	7.50	U	7.60	11.9	101	79.3	1	29.0-154		J3	44.1	28
Isopropylbenzene	2.50	U	2.41	3.94	96.4	78.8	1	28.0-157		J3	48.2	27
n-Propylbenzene	2.50	U	2.11	3.79	84.4	75.8	1	31.0-154		J3	56.9	28
(S) Toluene-d8					*97.8*	*98.3*		*80.0-120*				
(S) 4-Bromofluorobenzene					*96.4*	*95.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*98.8*	*94.7*		*70.0-130*				

L1734767-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1734767-05 05/10/24 21:45 • (MS) R4068904-6 05/10/24 23:19 • (MSD) R4068904-7 05/10/24 23:37

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 %
1,2,4-Trimethylbenzene	2.50	U	1.90	2.21	76.0	88.4	1	26.0-154			15.1	27
1,3,5-Trimethylbenzene	2.50	U	2.19	2.27	87.6	90.8	1	28.0-153			3.59	27
Benzene	2.50	U	2.93	3.08	117	123	1	17.0-158			4.99	27
Toluene	2.50	U	2.97	3.44	119	138	1	26.0-154			14.7	28
Ethylbenzene	2.50	U	2.55	3.09	102	124	1	30.0-155			19.1	27
Xylenes, Total	7.50	U	7.41	8.95	98.8	119	1	29.0-154			18.8	28
Isopropylbenzene	2.50	U	2.38	2.72	95.2	109	1	28.0-157			13.3	27
n-Propylbenzene	2.50	U	2.20	2.56	88.0	102	1	31.0-154			15.1	28
(S) Toluene-d8					*100*	*103*		*80.0-120*				
(S) 4-Bromofluorobenzene					*96.3*	*95.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*93.1*	*93.0*		*70.0-130*				

Method Blank (MB)

(MB) R4068931-4 05/12/24 17:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*

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

(LCS) R4068931-1 05/12/24 15:51 • (LCSD) R4068931-2 05/12/24 16:11

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 %
1,2,4-Trimethylbenzene	5.00	5.03	4.80	101	96.0	76.0-121			4.68	20
1,3,5-Trimethylbenzene	5.00	5.18	5.16	104	103	76.0-122			0.387	20
Benzene	5.00	4.89	4.89	97.8	97.8	70.0-123			0.000	20
Toluene	5.00	4.90	4.92	98.0	98.4	79.0-120			0.407	20
Ethylbenzene	5.00	5.22	4.96	104	99.2	79.0-123			5.11	20
Xylenes, Total	15.0	14.7	15.1	98.0	101	79.0-123			2.68	20
(S) Toluene-d8				*106*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*99.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*102*	*70.0-130*				

L1732990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732990-01 05/12/24 18:49 • (MS) R4068931-5 05/13/24 01:19 • (MSD) R4068931-6 05/13/24 01:39

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 %
1,2,4-Trimethylbenzene	5.00	5.82	10.6	13.4	95.6	152	1	26.0-154			23.3	27
1,3,5-Trimethylbenzene	5.00	1.77	7.24	8.20	109	129	1	28.0-153			12.4	27
Benzene	5.00	0.989	6.57	6.93	112	119	1	17.0-158			5.33	27
Toluene	5.00	1.07	6.87	6.86	116	116	1	26.0-154			0.146	28
Ethylbenzene	5.00	1.14	7.12	7.33	120	124	1	30.0-155			2.91	27
Xylenes, Total	15.0	2.94	20.6	20.9	118	120	1	29.0-154			1.45	28
(S) Toluene-d8					*108*	*102*		*80.0-120*				
(S) 4-Bromofluorobenzene					*103*	*98.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*99.1*	*104*		*70.0-130*				

Method Blank (MB)

(MB) R4069406-3 05/13/24 07:38

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

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

(LCS) R4069406-1 05/13/24 06:35 • (LCSD) R4069406-2 05/13/24 06:56

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	%	%	%			%	%
1,2,4-Trimethylbenzene	5.00	5.19	5.10	104	102	76.0-121			1.75	20
1,3,5-Trimethylbenzene	5.00	5.18	5.21	104	104	76.0-122			0.577	20
Benzene	5.00	4.80	5.20	96.0	104	70.0-123			8.00	20
Toluene	5.00	4.83	5.13	96.6	103	79.0-120			6.02	20
Ethylbenzene	5.00	4.65	5.03	93.0	101	79.0-123			7.85	20
Xylenes, Total	15.0	14.0	14.7	93.3	98.0	79.0-123			4.88	20
(S) Toluene-d8				*103*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*97.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R4069142-1 05/13/24 09:11

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	*68.4*			*60.0-120*

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

(LCS) R4069142-2 05/13/24 09:31 • (LCSD) R4069142-3 05/13/24 11:33

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	4970	4400	82.8	73.3	75.0-125		J4	12.2	20
(S) o-Terphenyl				*65.8*	*61.4*	*60.0-120*				

L1732990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732990-01 05/13/24 12:53 • (MS) R4069142-4 05/13/24 14:13 • (MSD) R4069142-5 05/13/24 14:33

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	6900	764	6040	6360	76.5	84.0	1.15	75.0-125			5.16	20
(S) o-Terphenyl					*67.3*	*71.7*		*50.0-150*				

Method Blank (MB)

(MB) R4067259-2 05/08/24 02:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.0200	0.0500
Benzo(a)pyrene	U		0.0180	0.0500
Benzo(g,h,i)perylene	U		0.0180	0.0500
Dibenz(a,h)anthracene	U		0.0180	0.0500
1-Methylnaphthalene	U		0.0200	0.500
2-Methylnaphthalene	U		0.0280	0.500
Naphthalene	U		0.128	0.500
(S) Nitrobenzene-d5	*88.5*			*11.0-135*
(S) 2-Fluorobiphenyl	*82.5*			*32.0-120*
(S) p-Terphenyl-d14	*92.5*			*23.0-122*

Laboratory Control Sample (LCS)

(LCS) R4067259-1 05/08/24 02:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzo(a)anthracene	2.00	1.91	95.5	46.0-120	
Benzo(a)pyrene	2.00	1.70	85.0	44.0-122	
Benzo(g,h,i)perylene	2.00	1.62	81.0	25.0-137	
Dibenz(a,h)anthracene	2.00	1.51	75.5	25.0-139	
1-Methylnaphthalene	2.00	1.82	91.0	43.0-120	
2-Methylnaphthalene	2.00	1.75	87.5	40.0-120	
Naphthalene	2.00	1.67	83.5	30.0-120	
(S) Nitrobenzene-d5			*95.5*	*11.0-135*	
(S) 2-Fluorobiphenyl			*88.0*	*32.0-120*	
(S) p-Terphenyl-d14			*90.5*	*23.0-122*	

L1732556-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732556-04 05/08/24 05:01 • (MS) R4067259-3 05/08/24 05:18 • (MSD) R4067259-4 05/08/24 05:35

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 %
Benzo(a)anthracene	2.00	U	1.88	1.83	94.0	91.5	1	19.0-125			2.70	26
Benzo(a)pyrene	2.00	U	1.53	1.50	76.5	75.0	1	10.0-126			1.98	32
Benzo(g,h,i)perylene	2.00	U	1.00	0.953	50.0	47.6	1	10.0-128			4.81	37
Dibenz(a,h)anthracene	2.00	U	0.848	0.824	42.4	41.2	1	10.0-132			2.87	43
1-Methylnaphthalene	2.00	0.404	2.28	2.17	93.8	88.3	1	10.0-145			4.94	24
2-Methylnaphthalene	2.00	0.0458	1.91	1.82	93.2	88.7	1	10.0-143			4.83	24
Naphthalene	2.00	0.207	2.01	1.95	90.1	87.1	1	14.0-120			3.03	20

L1732556-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732556-04 05/08/24 05:01 • (MS) R4067259-3 05/08/24 05:18 • (MSD) R4067259-4 05/08/24 05:35

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 %
(S) Nitrobenzene-d5					*123*	*93.0*		*11.0-135*				
(S) 2-Fluorobiphenyl					*115*	*91.0*		*32.0-120*				
(S) p-Terphenyl-d14					*106*	*85.5*		*23.0-122*				

Method Blank (MB)

(MB) R4067629-2 05/08/24 23:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.0200	0.0500
Benzo(a)pyrene	U		0.0180	0.0500
Benzo(g,h,i)perylene	U		0.0180	0.0500
Dibenz(a,h)anthracene	U		0.0180	0.0500
1-Methylnaphthalene	U		0.0200	0.500
2-Methylnaphthalene	U		0.0280	0.500
Naphthalene	U		0.128	0.500
(S) Nitrobenzene-d5	*96.0*			*11.0-135*
(S) 2-Fluorobiphenyl	*97.0*			*32.0-120*
(S) p-Terphenyl-d14	*109*			*23.0-122*

Laboratory Control Sample (LCS)

(LCS) R4067629-1 05/08/24 22:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzo(a)anthracene	2.00	2.36	118	46.0-120	
Benzo(a)pyrene	2.00	2.23	111	44.0-122	
Benzo(g,h,i)perylene	2.00	2.31	115	25.0-137	
Dibenz(a,h)anthracene	2.00	2.18	109	25.0-139	
1-Methylnaphthalene	2.00	2.26	113	43.0-120	
2-Methylnaphthalene	2.00	2.16	108	40.0-120	
Naphthalene	2.00	2.10	105	30.0-120	
(S) Nitrobenzene-d5			*116*	*11.0-135*	
(S) 2-Fluorobiphenyl			*115*	*32.0-120*	
(S) p-Terphenyl-d14			*124*	*23.0-122*	J1

L1732990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732990-01 05/09/24 01:47 • (MS) R4067629-3 05/09/24 02:06 • (MSD) R4067629-4 05/09/24 02:26

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 %
Benzo(a)anthracene	2.17	U	1.32	1.78	60.8	84.8	1.09	19.0-125		J3	29.7	26
Benzo(a)pyrene	2.17	U	1.04	1.42	47.9	67.6	1.09	10.0-126			30.9	32
Benzo(g,h,i)perylene	2.17	U	0.863	1.11	39.8	52.9	1.09	10.0-128			25.0	37
Dibenz(a,h)anthracene	2.17	U	0.797	1.03	36.7	49.0	1.09	10.0-132			25.5	43
1-Methylnaphthalene	2.17	0.212	1.83	2.45	74.6	107	1.09	10.0-145		J3	29.0	24
2-Methylnaphthalene	2.17	0.115	1.68	2.24	72.1	101	1.09	10.0-143		J3	28.6	24
Naphthalene	2.17	0.229	1.79	2.34	71.9	101	1.09	14.0-120		J3	26.6	20

L1732990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732990-01 05/09/24 01:47 • (MS) R4067629-3 05/09/24 02:06 • (MSD) R4067629-4 05/09/24 02:26

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 %
(S) Nitrobenzene-d5					*82.5*	*108*		*11.0-135*				
(S) 2-Fluorobiphenyl					*75.1*	*108*		*32.0-120*				
(S) p-Terphenyl-d14					*62.2*	*87.1*		*23.0-122*				

L1731946-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1731946-04 05/09/24 03:05 • (MS) R4067629-5 05/09/24 03:25 • (MSD) R4067629-6 05/09/24 03:44

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 %
Benzo(a)anthracene	2.17	U	0.773	0.912	35.6	42.4	1.09	19.0-125			16.5	26
Benzo(a)pyrene	2.17	U	0.430	0.499	19.8	23.2	1.09	10.0-126			14.9	32
Benzo(g,h,i)perylene	2.17	U	0.383	0.427	17.6	19.9	1.09	10.0-128			10.9	37
Dibenz(a,h)anthracene	2.17	U	0.346	0.391	15.9	18.2	1.09	10.0-132			12.2	43
1-Methylnaphthalene	2.17	U	1.74	2.21	80.2	103	1.09	10.0-145			23.8	24
2-Methylnaphthalene	2.17	U	1.67	2.13	77.0	99.1	1.09	10.0-143		J3	24.2	24
Naphthalene	2.17	U	1.96	2.45	90.3	114	1.09	14.0-120		J3	22.2	20
(S) Nitrobenzene-d5					*83.9*	*103*		*11.0-135*				
(S) 2-Fluorobiphenyl					*80.2*	*95.3*		*32.0-120*				
(S) p-Terphenyl-d14					*80.6*	*92.1*		*23.0-122*				

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
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

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	LAO000356
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.

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: Gerald Robinson

Email To: Gerald.Robinson@arcadis.com;environmentDM

Project Description: 96097

City/State Collected: Anchorage, AK

Please Circle: PT MT CT ET (AK)

Phone: 907-276-8095

Client Project # 30064216.19.45

Lab Project # CHEVARCAK-96097

Collected by (print): E. Wojcik

Site/Facility ID # 303 W FIREWEED LANE

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 X 10 Day (Rad Only) ___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

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 # 1752990

C082

Acctnum: CHEVARCAK
Template: T227632
Prelogin: P1064471
PM: 110 - Brian Ford
PB: LM 3/23/24
Shipped Via: FedEX 2nd Day

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 124TMB 40mlAmb-HCl	8260 135TMB 40mlAmb-HCl	8260 BTEX 40mlAmb-HCl	8260 Isopropben 40mlAmb-HCl	8260 N-Propben 40mlAmb-HCl	AK101 40mlAmb HCl	AK102 100ml Amb HCl	SIM Ben(a,ghi),bap 100ml Amb-NoPres	SIM Diben,1/2MeNaph 100ml Amb-NoPres	SIM Naph 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-5-W-20240502	Grab	GW	-	5.2.24	1130	30	X	X	X	X EW		X	X	X	X EW		MS/MSD	Cooler-01
MW-7		GW	-															5/4/24
MW-10R-W-20240502		GW	-		1215	10	X	X	X	X EW		X	X	X EW	X	X	Cooler-1	-02
MW-15-W-20240502		GW	-		0745	10	X		X	X		X	X	X	X	X		-03
BD-1-W-20240502		GW	-		-	10				X		X	X		X		Cooler-1	-04
EQB-1-W-20240502		GW	-		1330	10	X	X	X	X	X	X	X	X	X	X		-05
MW-8-W-20240502		GW	-		0830	5			X	X EW			X				Cooler-2	-06
MW-9-W-20240502		GW	-		1045	8			X			X	X					-07
MW-12-W-20240502		GW	-		1000	2							X					-08
MW-13-W-20240502		GW	-		0700	2							X					-09

* 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 #

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
	5.3.24	0800			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 99	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchell	Date: 5/4/24 Time: 0900	Hold: Condition: NCF / OK

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: Gerald Robinson

Email To: Gerald.Robinson@arcadis.com;environmentDM

Project Description: 96097

City/State Collected: Anchorage, AK

Please Circle: PT MT CT ET (AK)

Phone: 907-276-8095

Client Project # 30064216.19.45

Lab Project # CHEVARCAK-96097

Collected by (print): E. Wyjcik

Site/Facility ID # 303 W FIREWEED LANE

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 X 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
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SDG # 1732990

Table #

Acctnum: CHEVARCAK
Template: T227632
Prelogin: P1064471
PM: 110 - Brian Ford
PB: LM 3/23/24
Shipped Via: FedEX 2nd Day

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 124TMB 40mlAmb-HCl	8260 135TMB 40mlAmb-HCl	8260 BTEX 40mlAmb-HCl	8260 Isopropben 40mlAmb-HCl	8260 N-Propben 40mlAmb-HCl	AK101 40mlAmb HCl	AK102 100ml Amb HCl	SIM Ben(a,ghi),bap 100ml Amb-NoPres	SIM Diben,1/2MeNaph 100ml Amb-NoPres	SIM Naph 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-14	Grab	GW	-	5.2.24														
MW-16 - W-20240502	↓	GW	-	↓	0915	2							X				Cooler 2	-10
Trip Blank 1		GW				3	X	X	X	X	X	X					Cooler 1	-11
Trip Blank 2		GW				3	X	X	X	X	X	X					Cooler 2	-12
MW-6-W-20240502	Grab	GW	-	5.2.24	1300	10	X	X	X	X	X	X	X	X	X	X	Cooler 2	-13

* 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 #

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
	5.3.24	0800		6	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 99	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) alexa mitchell	Date: 5/4/24 Time: 0900	Hold: Condition: NCF / OK

L1732990

Tracking Numbers	Temperature
7359 4592 4565	7.6+.1=7.7
7359 4592 4554	4.7+.1=4.8

7.7 Deg C is above the 6 Deg C limit. proceed with the analysis per reqeust of Skip Robinson-bjf 05/07/24

Alexa Mitchell AM

Name

5/14/24

Date

Attachment C

Historical Groundwater Analytical Results – Third Quarter 1992 through 2022

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-1	9/1/1992	97.90	45.54	0.00	52.36	--	--	--	--	--	--	--	--	--	--	
MW-1	5/1/1993	97.90	45.65	0.00	52.25	--	--	--	--	--	--	--	--	--	--	
MW-1	8/1/1993	97.90	45.97	0.00	51.93	--	--	--	--	--	--	--	--	--	--	
MW-1	11/1/1993	97.90	45.56	0.00	52.34	--	--	--	--	--	--	--	--	--	--	
MW-1	3/1/1994	97.90	45.95	0.00	51.95	--	--	--	--	--	--	--	--	--	--	
MW-1	6/1/1994	97.90	46.03	0.00	51.87	--	--	--	--	--	--	--	--	--	--	
MW-1	8/1/1994	97.90	46.40	0.00	51.50	--	--	--	--	--	--	--	--	--	--	
MW-1	12/22/1994	97.90	46.22	0.00	51.68	--	--	--	--	--	--	--	--	--	--	
MW-1	3/21/1995	97.90	46.45	0.00	51.45	--	--	--	--	--	--	--	--	--	--	
MW-1	6/15/1995	97.90	45.96	0.00	51.94	--	--	--	--	--	--	--	--	--	--	
MW-1	8/24/1995	97.90	46.11	0.00	51.79	--	--	--	--	--	--	--	--	--	--	
MW-1	11/14/1995	97.90	45.98	0.00	51.92	--	--	--	--	--	--	--	--	--	--	
MW-1	1/29/1996	97.90	46.23	0.00	51.67	--	--	--	--	--	--	--	--	--	--	
MW-1	5/29/1996	97.90	46.84	0.00	51.06	--	--	--	--	--	--	--	--	--	--	
MW-1	8/20/1996	97.90	47.09	0.00	50.81	--	--	--	--	--	--	--	--	--	--	
MW-1	10/15/1996	97.90	47.00	0.00	50.90	--	--	--	--	--	--	--	--	--	--	
MW-1	4/27/1997	97.90	46.90	0.00	51.00	--	--	--	--	--	--	--	--	--	--	
MW-1	9/7/1997	97.90	45.74	0.00	52.16	--	--	--	--	--	--	--	--	--	--	
MW-1	4/21/1998	97.90	45.45	0.00	52.45	--	--	--	--	--	--	--	--	--	--	
MW-1	9/17/1998	97.90	45.99	0.00	51.91	--	--	--	--	--	--	--	--	--	--	
MW-1	4/26/1999	97.90	45.34	0.00	52.56	--	--	--	--	--	--	--	--	--	--	
MW-1	10/11/1999	97.90	46.45	0.00	51.45	--	--	--	--	--	--	--	--	--	--	
MW-1	5/18/2000	97.90	46.00	--	51.90	--	--	--	--	--	--	--	--	--	--	
MW-1	9/25/2000	97.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/8/2001	97.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	10/3/2001	97.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/3/2002	97.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	9/28/2002	97.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/22/2003	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	10/13/2003	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	6/10/2004	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	9/22/2004	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/18/2005	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	9/28/2005	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/17/2006	104.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	9/23/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	5/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-2	9/1/1992	104.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	9/23/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	5/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-4	9/1/1992	99.00	45.32	0.00	53.68	--	--	--	--	--	--	--	--	--	--	
MW-4	5/1/1993	99.00	45.40	0.00	53.60	--	--	--	--	--	--	--	--	--	--	
MW-4	8/1/1993	99.00	45.68	0.00	53.32	--	--	--	--	--	--	--			--	
MW-4	11/1/1993	99.00	45.27	0.00	53.73	--	--	--	--	--	--	--	--	--	--	
MW-4	12/22/1994	99.00	45.61	0.00	53.39	--	--	--	--	--	--	--	--	--	--	
MW-4	3/21/1995	99.00	45.85	0.00	53.15	--	--	--	--	--	--	--	--	--	--	
MW-4	6/15/1995	99.00	45.60	0.00	53.40	--	--	--	--	--	--	--			--	
MW-4	8/24/1995	99.00	45.53	0.00	53.47	--	--	--	--	--	--	--	--	--	--	
MW-4	11/14/1995	99.00	45.33	0.00	53.67	--	--	--	--	--	--	--	--	--	--	
MW-4	1/29/1996	99.00	45.61	0.00	53.39	--	--	--	--	--	--	--			--	
MW-4	5/29/1996	99.00	46.24	0.00	52.76	--	--	--	--	--	--	--	--	--	--	
MW-4	8/20/1996	99.00	46.49	0.00	52.51	--	--	--	--	--	--	--	--	--	--	
MW-4	10/15/1996	99.00	46.41	0.00	52.59	--	--	--	--	--	--	--	--	--	--	
MW-4	4/27/1997	99.00	46.14	0.00	52.86	--	--	--	--	--	--	--	--	--	--	
MW-4	9/7/1997	99.00	44.97	0.00	54.03	--	--	--	--	--	--	--	--	--	--	
MW-4	4/21/1998	99.00	44.66	0.00	54.34	--	--	--	--	--	--	--	--	--	--	
MW-4	9/17/1998	99.00	47.02	0.00	51.98	--	--	--	--	--	--	--	--	--	--	
MW-4	4/26/1999	99.00	45.54	0.00	53.46	--	--	--	--	--	--	--	--	--	--	
MW-4	10/11/1999	99.00	45.62	0.00	53.38	--	--	--	--	--	--	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-4	5/18/2000	99.00	45.20	0.00	53.80	--	--	--	--	--	--	--	--	--	--	
MW-4	9/25/2000	99.00	44.70	0.00	54.30	--	--	--	--	--	--	--	--	--	--	
MW-4	5/8/2001	99.00	45.76	0.00	53.24	--	--	--	--	--	--	--	--	--	--	
MW-4	10/3/2001	99.00	45.71	0.00	53.29	--	--	--	--	--	--	--	--	--	--	
MW-4	5/3/2002	99.00	45.80	0.00	53.20	--	--	--	--	--	--	--	--	--	--	
MW-4	9/28/2002	99.00	45.73	0.00	53.27	--	--	--	--	--	--	--	--	--	--	
MW-4	5/22/2003	104.28	45.26	0.00	59.02	--	--	--	--	--	--	--	--	--	--	
MW-4	10/13/2003	104.28	45.55	0.00	58.73	--	--	--	--	--	--	--	--	--	--	
MW-4	6/10/2004	104.28	45.42	0.00	58.86	--	--	--	--	--	--	--	--	--	--	
MW-4	9/22/2004	104.28	45.42	0.00	58.86	--	--	--	--	--	--	--	--	--	--	
MW-4	5/18/2005	104.28	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	9/28/2005	104.28	45.34	0.00	58.94	--	--	--	--	--	--	--	--	--	--	
MW-4	5/17/2006	104.28	45.68	0.00	58.60	--	--	--	--	--	--	--	--	--	--	
MW-4	9/23/2006	--	45.11	0.00	--	--	--	--	--	--	--	--	--	--	--	
MW-4	5/16/2007	103.92	44.24	0.00	59.68	--	--	--	--	--	--	--	--	--	--	
MW-4	9/27/2007	103.92	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	5/17/2008	103.93	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	9/14/2008	103.93	--	--	--	--	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-4R	9/28/2011	--	45.18	0.00	--	<0.50 / <0.048	<0.0100	<0.00050	<0.00050	--	--	--	--	--	--	TPH-d with Silica gel
MW-4R	5/21/2012	--	44.67	0.00	--	**0.072 / 0.053**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	TPH-d with Silica gel
MW-4R	9/18/2012	--	44.52	0.00	--	<0.25 / <0.25	<0.0100	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	TPH-d with Silica gel
MW-4R	5/6/2013	110.24	44.27	0.00	65.97	--	--	--	--	<0.00050	<0.00150	--	--	--	--	
MW-4R	5/7/2013	110.24	--	--	--	<0.5100 / <0.4800	<0.1000 / <0.1000	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	--	--	
MW-4R	9/16/2013	110.24	44.07	0.00	66.17	<0.4100	<0.1000	<0.00100	<0.00100	<0.00100 / <0.00100	<0.00300 / <0.00300	--	--	--	--	
MW-4R	5/2/2014	110.24	43.54	0.00	66.70	--	--	--	--	<0.00100	<0.00300	--	--	--	--	
MW-4R	5/5/2014	110.24	--	--	--	<0.40 / <0.42	<0.1000 / <0.1000	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	--	--	
MW-4R	9/2/2014	110.24	43.81	0.00	66.43	--	--	--	--	<0.00100 / <0.00100	<0.00300 / <0.00300	--	--	--	--	
MW-4R	9/3/2014	110.24	--	--	--	<0.40	<0.1000	<0.00100	<0.00100	--	--	--			--	
MW-4R	4/15/2015	110.24	44.23	0.00	66.01	--	--	--	--	<0.00100	<0.00300	--	--	--	--	
MW-4R	4/16/2015	110.24	--	--	--	<0.053	<0.0100	<0.00050	<0.00050	--	--	--	--	--	--	
MW-4R	10/29/2015	110.24	44.27	0.00	154.51	<0.052	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-4R	4/19/2016	110.24	44.76	0.00	65.48	**0.64**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-4R	9/23/2016	110.24	44.79	0.00	65.45	<0.18 J	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-4R	5/08/2017	110.24	44.11	0.00	66.13	**0.31**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-4R	10/02/2017	110.24	42.93	0.00	67.31	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-4R	5/24/2018	110.24	42.53	0.00	67.71	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-4R	9/13/2018	110.24	42.55	0.00	67.69	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-4R	4/25/2019	110.29	43.78	0.00	66.51	--	--	--	--	--	--	--	--	--	--	Depth to water taken from Well Survey June 5, 2019
MW-4R	9/23/2019	110.29	43.63	0.00	66.66	--	--	--	--	--	--	--	--	--	--	
MW-4R	10/19/2020	110.29	42.86	0.00	67.43	--	--	--	--	--	--	--	--	--	--	
MW-4R	4/17/2020	110.29	42.90	0.00	67.39	--	--	--	--	--	--	--	--	--	--	
MW-4R	4/20/2021	110.29	43.09	0.00	67.20	--	--	--	--	--	--	--	--	--	--	
MW-4R	9/10/2021	110.29	43.00	0.00	67.29	--	--	--	--	--	--	--	--	--	--	
MW-4R	4/19/2022	110.29	42.46	0.00	67.83	--	--	--	--	--	--	--	--	--	--	
MW-4R	8/22/2022	110.29	42.47	0.00	67.82	--	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-5	9/1/1992	98.89	46.89	0.00	52.00	--	--	--	--	<0.00050	<0.00050	--	--	--	--	
MW-5	5/1/1993	98.89	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/22/1994	98.89	47.69	0.00	51.22	--	--	--	--	--	--	--	--	--	--	
MW-5	3/21/1995	98.89	47.87	0.00	51.02	--	--	--	--	--	--	--	--	--	--	
MW-5	6/15/1995	98.89	47.73	0.00	51.49	--	--	--	--	--	--	--	--	--	--	
MW-5	8/24/1995	98.89	47.71	0.00	51.36	--	--	--	--	--	--	--	--	--	--	
MW-5	11/14/1995	98.89	47.50	0.00	51.43	--	--	--	--	--	--	--	--	--	--	
MW-5	1/29/1996	98.89	47.75	0.00	51.14	--	--	--	--	--	--	--	--	--	--	
MW-5	5/29/1996	98.89	48.44	0.00	50.45	--	--	--	--	--	--	--	--	--	--	
MW-5	8/20/1996	98.89	48.61	0.00	50.30	--	--	--	--	--	--	--	--	--	--	
MW-5	10/15/1996	98.89	48.55	0.00	50.36	--	--	--	--	--	--	--	--	--	--	
MW-5	4/27/1997	98.89	48.35	0.00	50.56	--	--	--	--	--	--	--	--	--	--	
MW-5	9/7/1997	98.89	47.55	0.00	51.83	--	--	--	--	--	--	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-5	4/21/1998	98.89	47.58	0.00	52.00	--	--	--	--	--	--	--	--	--	--	
MW-5	9/17/1998	98.89	48.35	0.00	50.88	--	--	--	--	--	--	--	--	--	--	
MW-5	4/26/1999	98.89	48.13	0.00	50.86	--	--	--	--	--	--	--	--	--	--	
MW-5	10/11/1999	98.89	47.90	0.00	51.01	--	--	--	--	--	--	--	--	--	--	
MW-5	5/18/2000	98.89	47.78	0.00	51.35	--	--	--	--	--	--	--	--	--	--	
MW-5	9/25/2000	98.89	47.33	0.00	51.62	--	--	--	--	--	--	--	--	--	--	
MW-5	5/8/2001	98.89	47.96	0.00	51.14	--	--	--	--	--	--	--	--	--	--	
MW-5	10/3/2001	98.89	48.12	0.00	50.80	--	--	--	--	--	--	--	--	--	--	
MW-5	5/3/2002	98.89	47.81	0.00	51.08	--	--	--	--	--	--	--	<50.0/<250	--	--	
MW-5	9/28/2002	98.89	48.09	0.00	50.80	--	--	--	--	--	--	--	<50.0/<250	--	--	
MW-5	5/22/2003	104.60	47.38	0.00	57.22	--	--	--	--	--	--	--	<100	--	--	
MW-5	10/13/2003	104.60	48.08	0.00	56.52	--	--	--	--	--	--	--	--	--	--	
MW-5	6/11/2004	98.89	47.54	0.00	51.35	--	**22**	**0.022**	**0.032**	**0.099**	**2.5**	<0.0030	--	--	--	
MW-5	9/22/2004	98.89	47.73	0.00	51.16	--	**6.9**	**0.002**	**0.017**	**0.009**	**0.31**	<0.0020	<3	--	--	
MW-5	5/18/2005	98.89	46.31	0.00	52.58	--	**4.9**	**0.017**	**0.003**	**0.022**	**0.4**	<0.0020	<2	--	--	
MW-5	9/28/2005	104.60	47.46	0.00	57.14	**1400**	**2.2**	**0.001**	<0.00050	**0.006**	**0.049**	<0.0020	<2	--	--	
MW-5	5/17/2006	104.60	47.90	0.00	56.70	**720**	**6.4**	**0.01**	**0.002**	**0.036**	**0.31**	<0.0020	<2	--	--	
MW-5	9/23/2006	--	47.21	0.00	--	**130**	**2.6**	**0.001**	<0.00050	**0.016**	**0.071**	--	<2	--	--	BTEX by SW-846 8021B
MW-5	5/16/2007	104.54	46.33	0.00	58.21	**36 / 27**	**2.6 / 1.7**	**0.003 / 0.002 / 0.002**	<0.0050 / <0.0050 / <0.0050	**0.006 / 0.005 / 0.005**	**0.03[1] / 0.03 / 0.03[1]**	--	--	--	--	
MW-5	9/27/2007	104.54	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	5/17/2008	104.54	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	9/14/2008	104.54	45.58	0.00	58.96	**17**	**3.6**	**0.01**	**0.003**	**0.04**	**0.2**	--	--	--	--	
MW-5	5/29/2009	104.54	45.39	0.00	59.15	**68**	**1.2**	**0.0042**	**0.0012**	**0.0099**	**0.057**	--	--	--	--	
MW-5	9/17/2009	104.54	45.92	0.00	58.62	**100**	**1.4**	**0.0036**	**0.0019**	**0.0093**	**0.084**	--	--	--	--	
MW-5	5/11/2010	104.54	45.86	0.00	58.68	**11**	**1.2**	**0.0017**	<0.0050	**0.0023**	**0.048**	--	--	--	--	
MW-5	9/7/2010	104.54	45.81	0.00	58.73	**18**	**0.037**	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	
MW-5	4/20/2011	104.54	45.74	0.00	58.80	**11 / 6**	**1 / 1.2**	**0.0034 / 0.0043**	**0.0016 / 0.0017**	**0.0026 / 0.0031**	**0.029 / 0.036**	--	--	--	--	BTEX by SW-846 8021B
MW-5	9/28/2011	104.54	46.18	0.00	58.36	**170 / 3.3**	**0.35**	**0.0009**	<0.00050	**0.0006**	**0.0038**	--	--	--	--	TPH-d with Silica gel
MW-5	5/21/2012	104.54	45.73	0.00	58.81	**25 / 18**	**1.2**	**0.003**	**0.0028**	**0.0018**	**0.014**	--	--	--	--	TPH-d with Silica gel
MW-5	9/18/2012	104.54	45.67	0.00	58.87	**3.5 / 2.8**	**1.1**	**0.0024**	<0.0030	**0.00150 J**	**0.0052**	--	--	--	--	TPH-d with Silica gel
MW-5	5/7/2013	109.77	45.45	0.00	64.32	1.3000 / 1.2000 / <0.5200 / 0.5300	**0.2990 / 0.4500**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00300 / <0.00300	--	--	--	--	
MW-5	9/16/2013	109.77	45.32	0.00	64.45	**0.98 / 0.5600**	<0.1000	<0.00100	<0.00100	<0.00100	<0.00300	--	--	--	--	TPH-d with Silica gel
MW-5	5/5/2014	109.77	44.87	0.00	64.90	**1.4 / 0.68**	**0.353 / 0.351**	0.0019 / <0.00100	**0.0034 / 0.0011**	0.0011 / <0.00100	0.0065 / <0.00300	--	--	--	--	
MW-5	9/3/2014	109.77	45.29	0.00	64.48	**0.61**	**0.552**	**0.0022**	<0.00100	**0.0058**	<0.00300	--	--	--	--	
MW-5	4/16/2015	109.77	45.68	0.00	64.09	**5**	**0.34**	<0.00050	<0.00050	<0.00050	**0.00070 J**	--	--	--	--	
MW-5	10/29/2015	109.77	45.83	0.00	155.60	**0.72**	**0.0670 J**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-5	4/19/2016	109.77	46.00	0.00	63.77	**2.7**	**0.38**	<0.0005	**0.0006 J**	<0.0005	<0.0005	--	--	--	--	
MW-5	9/23/2016	109.77	46.31	0.00	63.46	**2.0**	**0.76**	**0.002**	<0.0005	**0.015**	<0.0005	--	--	--	--	
MW-5	5/8/2017	109.77	45.76	0.00	64.01	**16 J / 2.2 J**	**0.41 / 0.46**	**0.005 J / 0.002 J**	**0.028 J / 0.011 J**	**0.028 J / 0.009 J**	**0.19 / 0.12**	--	--	--	--	
MW-5	10/2/2017	109.77	44.10	0.00	65.67	**1.1 J / 1.1 J**	**0.036 J / 0.038 J**	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	--	--	--	
MW-5	5/24/2018	109.77	43.90	0.00	65.87	**3.3 J**	**0.29**	**0.002**	**0.0007 J**	**0.002**	**0.003**	<0.0005	--	--	--	
MW-5	9/14/2018	109.77	44.03	0.00	65.74	**3.1**	**0.099 J**	**0.0004 J**	**0.0007 J**	**0.0007 J**	**0.001 J**	<0.0002	--	--	--	
MW-5	4/26/2019	109.91	44.8[6]	0.00	65.11	**0.39**	**0.12**	**0.0002 J**	<0.0002	**0.0007 J**	<0.001	<0.0002	<0.0002	<0.0003	--	
MW-5	9/23/2019	109.91	44.79	0.00	65.12	**0.68**	< 0.1	**0.000036 J**	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	--	
MW-5	4/17/2020	109.91	44.21	0.00	65.70	**1.720**	**0.0920 J**	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	***<0.000500***	<0.00100	<0.00050	
MW-5	10/19/2020	109.91	44.25	0.00	65.66	**1.24**	**0.0572 J**	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	***<0.000125***	<0.00100	***<0.00500***	
MW-5	4/20/2021	109.91	44.27	0.00	65.64	**1.21**	<0.100 B	<0.00100	<0.00100 B	**0.000398 J**	**0.000843 J**	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-5	9/10/2021	109.91	44.30	0.00	65.61	<0.800 B	**0.0535 J**	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-5	4/19/2022	109.91	43.90	0.00	66.01	**0.74 J**	**0.0727 J**	**0.000483 J**	**0.000442 J**	**0.000796 J**	**0.00163 J**	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-5	8/22/2022	109.91	43.95	0.00	65.96	**0.935**	<0.100 B	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	<0.000525	
															--	
MW-6	6/15/1995	98.12	47.18	0.00	50.94	--	--	--	--	--	--	--	--	--	--	
MW-6	8/24/1995	98.12	47.64	0.00	50.48	--	--	--	--	--	--	--	--	--	--	
MW-6	11/14/1995	98.12	47.50	0.00	50.62	--	--	--	--	--	--	--	--	--	--	
MW-6	1/29/1996	98.12	47.84	0.00	50.28	--	--	--	--	--	--	--	--	--	--	
MW-6	5/29/1996	98.12	48.22	0.00	49.90	--	--	--	--	--	--	--	--	--	--	
MW-6	8/20/1996	98.12	48.42	0.00	49.70	--	--	--	--	--	--	--	--	--	--	
MW-6	10/15/1996	98.12	48.37	0.00	49.75	--	--	--	--	--	--	--	--	--	--	
MW-6	4/27/1997	98.12	48.12	0.00	50.00	--	--	--	--	--	--	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-6	9/7/1997	98.12	46.36	0.00	51.76	--	--	--	--	--	--	--	--	--	--	
MW-6	4/21/1998	98.12	46.65	0.00	51.47	--	--	--	--	--	--	--	--	--	--	
MW-6	9/17/1998	98.12	47.22	0.00	50.90	--	--	--	--	--	--	--	--	--	--	
MW-6	4/26/1999	98.12	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/11/1999	98.12	47.62	0.00	50.50	--	--	--	--	--	--	--	--	--	--	
MW-6	5/18/2000	98.12	47.15	0.00	50.97	--	--	--	--	--	--	--	--	--	--	
MW-6	9/25/2000	98.12	46.95	0.00	51.17	--	--	--	--	--	--	--	--	--	--	
MW-6	5/8/2001	98.12	47.70	0.00	50.42	--	--	--	--	--	--	--	--	--	--	
MW-6	10/3/2001	98.12	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/3/2002	98.12	47.40	0.00	50.72	--	--	--	--	--	--	--	--	--	--	
MW-6	9/28/2002	98.12	47.77	0.00	50.35	--	--	--	--	--	--	--	--	--	--	
MW-6	5/22/2003	104.60	47.11	0.00	57.49	--	--	--	--	--	--	--	--	--	--	
MW-6	10/13/2003	103.60	47.60	0.00	56.00	--	--	--	--	--	--	--	--	--	--	
MW-6	6/10/2004	103.60	47.18	0.00	56.42	--	<0.0100 / <0.0100	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.0020 / <0.0020	--	--	--	
MW-6	9/22/2004	103.60	47.34	0.00	56.26	--	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-6	5/18/2005	103.60	46.73	0.00	56.87	--	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-6	9/28/2005	103.60	47.09	0.00	56.61	<0.0250	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-6	5/17/2006	103.60	47.55	0.00	56.05	**0.034**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-6	9/23/2006	103.60	46.98	0.00	56.62	--	--	--	--	--	--	--	--	--	--	
MW-6	5/16/2007	103.60	46.19	0.00	57.41	**0.13**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0020	--	--	--	--	
MW-6	9/27/2007	103.60	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/17/2008	103.60	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	9/14/2008	103.60	46.65	0.00	56.95	**0.069**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0020	--	--	--	--	
MW-6	5/29/2009	103.60	46.50	0.00	57.10	<0.0510	<0.010	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	
MW-6	9/17/2009	103.60	46.96	0.00	56.64	<0.0510	<0.010	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	
MW-6	5/11/2010	103.60	46.89	0.00	56.71	--	--	--	--	--	--	--	--	--	--	
MW-6	9/7/2010	103.60	46.93	0.00	56.67	**0.21**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00150	--	--	--	--	
MW-6	4/20/2011	103.60	46.77	0.00	56.83	**0.11**	--	--	--	--	--	--	--	--	--	
MW-6	9/28/2011	103.60	47.22	0.00	56.38	0.053 / <0.048	--	--	--	--	--	--	--	--	--	TPH-d with Silica gel
MW-6	5/21/2012	103.60	46.68	0.00	56.92	0.055 / <0.050	--	--	--	--	--	--	--	--	--	TPH-d with Silica gel
MW-6	9/18/2012	103.60	46.71	0.00	56.89	<0.047 / <0.047	--	--	--	--	--	--	--	--	--	TPH-d with Silica gel
MW-6	5/6/2013	110.23	46.46	0.00	63.77	<0.4800	<0.1000	<0.00100	<0.00100	<0.00100	<0.00300	--	--	--	--	
MW-6	5/6/2013	110.23	--	--	--	<0.5700	<0.1000	<0.00100	<0.00100	<0.00100	<0.00300	--	--	--	--	
MW-6	9/16/2013	110.23	46.34	0.00	63.89	<0.4000	--	--	--	--	--	--	--	--	--	
MW-6	5/2/2014	110.23	45.95	0.00	64.28	<0.40	--	--	--	--	--	--	--	--	--	
MW-6	5/2/2014	110.23	--	--	--	<0.40	--	--	--	--	--	--	--	--	--	
MW-6	9/3/2014	110.23	45.95	0.00	64.28	<0.40	<0.1000	<0.00100	<0.00100	<0.00100	<0.00300	--	--	--	--	
MW-6	4/16/2015	110.23	46.69	0.00	63.54	**0.086 J**	--	--	--	--	--	--	--	--	--	
MW-6	10/29/2015	110.23	46.76	0.00	156.99	**0.68**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-6	4/19/2016	110.23	46.94	0.00	63.29	**0.44**	--	--	--	--	--	--	--	--	--	
MW-6	9/23/2016	110.23	47.21	0.00	63.02	**0.12 J U**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-6	5/8/2017	110.23	46.75	0.00	63.48	**0.071 J**	<0.010	**0.002**	**0.01**	**0.008**	**0.11**	--	--	--	--	
MW-6	10/2/2017	110.23	44.93	0.00	65.30	--	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-6	5/24/2018	110.23	44.72	0.00	65.51	<0.050 J	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-6	9/13/2018	110.23	44.87	0.00	65.36	--	<0.014	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	--	--	--	
MW-6	4/26/2019	110.23	45.54	0.00	64.69	<0.054 [<0.054]	<0.014 [<0.014]	<0.0002 [<0.0002]	<0.0002 [<0.0002]	<0.0004 [<0.0004]	<0.001 [<0.001]	<0.0002 [<0.0002]	<0.0002 [<0.0002]	<0.0003 [<0.0003]	--	Depth to water taken from Well Survey June 5, 2019
MW-6	9/23/2019	110.23	45.55	0.00	64.68	< 0.093	< 0.1	< 0.0000090	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	--	
MW-6	4/17/2020	110.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to access - connex placed over well
MW-6	4/20/2021	110.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to access - connex placed over well
MW-6	4/19/2022	110.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to access - connex placed over well
MW-6	8/22/2022	110.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
															--	
MW-7	5/22/2003	103.90	47.20	0.00	56.70	--	--	--	--	--	--	--	--	--	--	
MW-7	10/13/2003	103.90	47.75	0.00	56.15	--	--	--	--	--	--	--	--	--	--	
MW-7	6/10/2004	103.90	47.36	0.00	56.54	--	**70 / 75**	**2 / 2**	**11 / 11**	**2.4 / 2.4**	**8.5 / 8.5**	--	--	--	--	
MW-7	9/22/2004	103.90	47.53	0.00	56.37	--	**68 / 69**	**2.4 / 2.6**	**12 / 11**	**2.9 / 2.9**	**9.9 / 9.7**	--	--	--	--	
MW-7	5/18/2005	103.90	46.94	0.00	56.96	--	**65 / 69**	**0.96 / 1.1**	**9.6 / 10**	**2.6 / 2.6**	**9.1 / 9.4**	--	--	--	--	
MW-7	9/28/2005	103.90	47.24	0.00	56.66	**12**	**65**	**0.79**	**9.4**	**2.6**	**9.2**	--	--	--	--	
MW-7	5/17/2006	103.90	47.70	0.00	56.20	**12**	**64**	**0.64**	**7.3**	**2.4**	**9.5**	--	<0.0050	<0.0050	--	
MW-7	9/23/2006	103.90	47.25	0.00	56.65	**10**	**45**	**0.27**	**3.6**	**2.5**	**7.3**	--	<0.00000990	<0.0020	--	
MW-7	5/16/2007	104.31	46.44	0.00	57.87	**6.3**	**36**	**0.2**	**2.7**	**2.4**	**5.9**	--	<0.00000980	<0.0030	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-7	9/27/2007	104.31	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	5/17/2008	104.31	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	9/14/2008	104.31	45.19	0.00	59.12	**3.9**	**34**	**0.1**	**1.3**	**2.7**	**5.8**	--	<0.00000990	<0.0050	--	
MW-7	5/29/2009	104.31	45.07	0.00	59.24	**2.3**	**26**	**0.068**	**0.63**	**2.4**	**4.4**	--	--	--	--	
MW-7	9/17/2009	104.31	45.54	0.00	58.77	**2.3**	**23**	**0.073**	**0.48**	**2.6**	**3.9**	--	--	--	--	
MW-7	5/11/2010	104.31	45.49	0.00	58.82	**3.4**	**23**	**0.071**	**0.3**	**2.7**	**3.5**	--	--	--	--	
MW-7	9/7/2010	104.31	45.50	0.00	58.81	**3.1**	**19**	**0.052**	**0.18**	**2.2**	**2.5**	--	--	--	--	
MW-7	4/20/2011	104.31	45.36	0.00	58.95	**3**	**20**	**0.087**	**0.12**	**2.8**	**2.5**	--	--	--	--	
MW-7	9/28/2011	104.31	45.79	0.00	58.52	**3.7 / 1.2**	**16**	**0.061**	**0.097**	**2.3**	**2.2**	--	--	--	--	TPH-d with Silica gel
MW-7	5/21/2012	104.31	45.34	0.00	58.97	**3.4 / 0.38**	**16**	**0.061**	**0.068**	**2.2**	**1.7**	--	--	--	--	TPH-d with Silica gel
MW-7	9/18/2012	104.31	45.28	0.00	59.03	**4 / 2.2**[2]	**15**	**0.062**	**0.069**	**2.3**	**1.9**	--	--	--	--	TPH-d with Silica gel
MW-7	5/6/2013	108.86	45.46	0.00	63.40	--	--	--	--	--	--	--	--	--	--	
MW-7	5/7/2013	108.86	--		--	**2.80 / 2.30 / 1.90 / 1.40**	**21.2 / 15.9**	**0.0217 / 0.0208**	**0.0756 / 0.0727**	**2.21 / 1.77**	**2.1 / 1.94**	--	--	--	--	TPH-d with Silica gel
MW-7	9/16/2013	108.86	44.99	0.00	63.87	**3.1 / 2.60**[2]	**22.7**	**0.0192**	**0.0505**	**2.3**	**2.42**	--	--	--	--	TPH-d with Silica gel
MW-7	5/2/2014	108.86	44.55	0.00	64.31	**3.5 / 2.6**	**21.1 / 12.5**	**0.01460 / 0.01300**	**0.0928 / 0.06010**	**2.3100 / 1.6800**	**2.930 / 1.88**	--	--	--	--	
MW-7	9/3/2014	108.86	44.96	0.00	63.90	**4**	**0.232**	<0.02000	**0.083**	**2.53**	**3.07**	--	--	--	--	
MW-7	4/16/2015	108.86	45.30	0.00	63.56	**2.1 / 4.6**	**20 / 20**	**0.012 / 0.013**	**0.052 / 0.06**	**1.4 / 1.8**	**1.5 / 2**	--	--	--	--	
MW-7	10/29/2015	108.86	45.89	0.00	154.75	**4.4**	**19**	**0.0130 J**	**0.044**	**1.7**	**1.9**	--	--	--	--	
MW-7	4/19/2016	108.86	45.56	0.00	63.30	**4.9 J**	--	--	--	--	--	--	--	--	--	
MW-7 DUP	4/19/2016	108.86	45.56	0.00	63.30	**2.0 J**	**20**	**0.014**	**0.044**	**1.7**	**1.8**	--	--	--	--	
MW-7	9/23/2016	108.86	45.85	0.00	63.01	**5.8**	**18**	**0.014**	**0.053**	**1.7**	**2.1**	--	--	--	--	
MW-7-DUP	9/23/2016	108.86	45.85	0.00	63.01	**5.4**	**17**	**0.013**	**0.047**	**1.5**	**1.8**	--	--	--	--	
MW-7	5/08/2017	108.86	--		--	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-7	10/2/2017	108.86	43.76	0.00	65.10	**2.8 J**	**12**	**0.009**	**0.033**	**1.2**	**1.2**	<0.001	--	--	--	
MW-7	5/24/2018	108.86	43.53	0.00	65.33	**3.6 J / 3.1 J**	**17 / 17**	**0.007 J / 0.007 J**	**0.034 / 0.035**	**1.0 / 1.1**	**1.4 / 1.5**	<0.005 / <0.005	--	--	--	
MW-7	9/14/2018	108.86	43.65	0.00	65.21	**3.3 / 3.6**	**13 / 13**	**0.006 / 0.006**	**0.029 / 0.029**	**0.93 / 0.93**	**1.3 / 1.3**	<0.0004 / <0.0004	--	--	--	
MW-7	4/25/2019	108.88	44.42	0.00	64.46	**4.7 J**	**15**	**0.006**	**0.025**	**0.89**	**1.1**	<0.0004	<0.0004	<0.0006	--	Depth to water taken from Well Survey June 5, 2019
MW-7	9/23/2019	108.88	44.42	0.00	64.46	**1.4**	**8.6**	**0.0076**	**0.027**	**0.99 D**	**1.147 D**	< 0.00044	< 0.000014	< 0.000024	--	
MW-7	4/17/2020	108.88	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to access - vehicle parked over well
MW-7	10/19/2020	108.88	43.91	0.00	64.97	**0.321 J**	**6.71**	**0.00492**	**0.0224**	**0.700**	**0.854**	<0.00100	***<0.00500***	<0.00100	**0.213**	
MW-7	4/20/2021	108.88	43.89	0.00	64.99	**1.96**	**6.99**	**0.00417**	**0.020**	**0.533**	**0.653**	<0.00100	***<0.000500***	<0.00100	**0.241**	
MW-7	9/10/2021	108.88	43.95	0.00	64.93	**4.46**	**9.41**	**0.00441**	**0.0203**	**0.477**	**0.640**	<0.00100	***<0.000500***	<0.00100	**0.146 J**	
MW-7	4/19/2022	108.88	43.53	0.00	65.35	**4.85**	**4.99**	**0.00421**	**0.0156**	**0.415**	**0.524**	<0.00100	***<0.00125***	<0.00100	**0.155 J**	
MW-7	8/22/2022	108.88	--	--	--	--	--	--	--	--	--	--	--	--	--	
															--	
MW-8	9/28/2002	--	56.83	0.00	--	--	--	--	--	--	--	--	--	--	--	
MW-8	5/22/2003	101.38	56.33	0.00	45.05	--	--	--	--	--	--	--	--	--	--	
MW-8	10/13/2003	101.38	56.75	0.00	44.63	--	--	--	--	--	--	--	--	--	--	
MW-8	5/27/2004	101.38	--	--	--	--	**0.39 , 0.46**	**0.074**	**0.0006**	**0.029**	**0.0007**	<0.00050	--	--	--	
MW-8	6/10/2004	101.38	56.35	0.00	56.35	**0.76**	**0.41**	**0.085**	**0.0008**	**0.032**	**0.0012**	--	--	--	--	
MW-8	9/22/2004	101.38	56.45	0.00	44.93	**0.7**	**0.31 , 0.7**	**0.078**	**0.0007**	**0.032**	**0.0012**	--	--	--	--	
MW-8	5/18/2005	101.38	55.80	0.00	45.58	**0.36**	**0.43**	**0.062**	**0.0008**	**0.039**	**0.0013**	--	--	--	--	
MW-8	9/29/2005	101.38	56.12	0.00	45.26	**0.34**	**0.39**	**0.06**	**0.0008**	**0.036**	**0.001**	--	--	--	--	
MW-8	5/17/2006	101.38	56.49	0.00	44.89	**0.33**	**0.32**	**0.045**	**0.0004**	**0.035**	<0.00060	--	--	--	--	
MW-8	9/23/2006	101.38	56.30	0.00	45.08	**0.59**	**0.3**	**0.046**	**0.0004**	**0.037**	<0.00060	--	--	--	--	
MW-8	5/16/2007	101.38	55.88	0.00	45.50	**0.21**	**0.1**	**0.02**	<0.0010	**0.02**	<0.0020	--	--	--	--	
MW-8	9/27/2007	101.38	56.23	0.00	45.15	**0.15**	**0.3**	**0.03**	<0.0010	**0.04**	<0.0010	--	--	--	--	
MW-8	5/17/2008	101.38	56.01	0.00	45.37	**0.29 / 0.25**	**0.1 / 0.1**	**0.02 / 0.02**	<0.0010 / <0.0010	**0.02 / 0.02**	<0.0010 / <0.0010	--	--	--	--	
MW-8	9/14/2008	101.38	56.26	0.00	45.12	**0.25**	**0.05**	<0.0010	**0.001**	<0.0010	**0.001**	--	--	--	--	
MW-8	5/31/2009	101.38	56.09	0.00	45.29	<0.0470	**0.14**	**0.017**	<0.00050	**0.029**	<0.00050	--	--	--	--	
MW-8	9/18/2009	101.38	56.42	0.00	44.96	**0.049**	**0.12**	**0.017**	<0.00050	**0.026**	<0.00050	--	--	--	--	
MW-8	5/11/2010	101.38	56.32	0.00	45.06	**0.24**	**0.089**	**0.013**	<0.00050	**0.017**	<0.00050	--	--	--	--	
MW-8	9/7/2010	101.38	56.50	0.00	44.88	**0.44**	**0.11**	**0.0099**	<0.00050	**0.028**	<0.00050	--	--	--	--	
MW-8	9/28/2011	101.38	56.70	0.00	44.68	**25 / 0.35**	**0.074**	**0.012**	<0.00050	**0.0087**	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-8	5/21/2012	101.38	56.25	0.00	45.13	--	--	--	--	--	--	--	--	--	--	
MW-8	9/18/2012	101.38	56.26	0.00	45.12	**0.38 / 0.15 J**	**0.0490 J**	**0.011**	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-8	5/6/2013	108.01	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	9/17/2013	108.01	56.03	0.00	51.98	<0.4100	<0.1000	**0.0079**	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-8	5/5/2014	108.01	55.69	0.00	52.32	<0.40	<0.1000	**0.0053**	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-8	5/5/2014	108.01	--	--	--	<0.42	<0.1000	**0.0075**	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-8	9/2/2014	108.01	56.06	0.00	51.95	<0.42	<0.1000	**0.0071**	<0.00100	<0.00100	<0.00100	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-8	4/15/2015	108.01	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-8	10/29/2015	108.01	56.71	0.00	164.72	**0.13 J**	**0.0310 J**	**0.004**	<0.00050	<0.00050	<0.00050	**--**	**--**	**--**	**--**	
MW-8	4/19/2016	108.01	53.61	0.00	54.40	**0.23 J**	**0.034 J**	**0.004**	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
MW-8	9/23/2016	108.01	56.55	0.00	51.46	**0.36**	**0.035 J**	**0.003**	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
MW-8	5/8/2017	108.01	56.21	0.00	51.80	**0.71**	**0.038 J**	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
MW-8	10/3/2017	108.01	54.58	0.00	53.43	<0.050	**0.010 J**	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
MW-8	5/25/2018	108.01	54.29	0.00	53.72	<0.051 J	<0.010	**0.0009 J**	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
MW-8	9/13/2018	108.01	54.37	0.00	53.64	**0.065 J**	<0.014	**0.0005 J**	<0.0002	<0.0002	<0.0005	<0.0002	**--**	**--**	**--**	
MW-8	4/25/2019	108.02	54.70	0.00	53.32	**0.45**	<0.014	**0.0005 J**	<0.0002	<0.0004	<0.001	<0.0002	<0.0002	<0.0003	**--**	Depth to water taken from Well Survey June 5, 2019
MW-8	9/23/2019	108.02	54.91	0.00	53.11	**1.5**	< 0.1	**0.00042 J**	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	**--**	
MW-8	4/17/2020	108.02	55.80	0.00	52.22	**1.130 J**	**0.0146 J**	**0.000490 J**	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	--	
MW-8	10/20/2020	108.02	54.92	0.00	53.10	<0.800	<0.100 J	**0.000297 J**	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-8	4/20/2021	108.02	54.85	0.00	53.17	**0.245 J**	<0.100 B	**0.000154 J**	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-8	9/10/2021	108.02	54.83	0.00	53.19	<0.840 B	<0.100	**0.000194 J**	**0.000399 J**	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-8	4/19/2022	108.02	54.46	0.00	53.56	**0.297 J**	<0.1 J	**0.000113 J**	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-8	8/22/2022	108.02	54.41	0.00	53.61	<0.800 B	<0.100 B	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.005***	
															--	
MW-9	10/13/2003	104.17	47.62	0.00	56.55	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	6/10/2004	104.17	47.22	0.00	56.95	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	6/11/2004	104.17	--	--	--	**1.4**	**0.91**	**0.007**	**0.001**	**0.031**	**0.001**	<0.0020	**--**	**--**	**--**	
MW-9	6/11/2004	104.17	--	--	--	**1.4**	**--**	**0.007**	**0.001**	**0.031**	**0.001**	<0.0020	**--**	**--**	**--**	
MW-9	6/11/2004	104.17	--	--	--	**1.4**	**--**	**0.007**	**0.001**	**0.031**	**0.001**	<0.0020	**--**	**--**	**--**	
MW-9	9/22/2004	104.17	47.40	0.00	56.77	**7.2**	**5.4 , 7.2**	**0.043**	**0.002**	**0.28**	**0.002**	<0.0020	**--**	**--**	**--**	
MW-9	5/18/2005	104.17	46.80	0.00	57.37	**0.98**	**0.5**	**0.003**	<0.00050	**0.006**	<0.00050	<0.0020	**--**	**--**	**--**	
MW-9	9/28/2005	104.17	47.13	0.00	57.04	**10 / 11**	**2.3 / 2.3**	**0.018 / 0.017**	**0.001 / 0.001**	**0.13 / 0.13**	**0.001 / 0.001**	<0.0020 / <0.0020	**--**	**--**	**--**	
MW-9	5/17/2006	104.17	47.59	0.00	56.58	**15 / 5.4**	**1.1 / 1.2**	**0.008 / 0.009**	**0.0007 / 0.0007**	**0.066 / 0.066**	**0.0007 / 0.0007**	<0.0020 / <0.0020	**--**	**--**	**--**	
MW-9	9/23/2006	104.17	47.16	0.00	57.01	**2.2 / 1.9**	**0.2 / 0.21**	**0.003 / 0.003**	<0.00050 / <0.00050	**0.006 / 0.007**	<0.00050 / <0.00050	**--**	**--**	**--**	**--**	
MW-9	5/16/2007	104.70	46.31	0.00	58.39	**2.6**	**0.3**	**0.003**	<0.0010	**0.01**	<0.0010	**--**	**--**	**--**	**--**	
MW-9	9/27/2007	104.70	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	5/17/2008	104.70	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	9/14/2008	104.70	45.45	0.00	59.25	**4.3**	**1.9**	**0.01**	**0.001**	**0.06**	**0.001**	**--**	**--**	**--**	**--**	
MW-9	5/29/2009	104.70	45.27	0.00	59.43	**1.6**	**0.61**	**0.0056**	**0.0008**	**0.034**	**0.0008**	**--**	**--**	**--**	**--**	
MW-9	9/17/2009	104.70	45.86	0.00	58.84	**2.7**	**1.3**	**0.0086**	**0.0008**	**0.078**	**0.0008**	**--**	**--**	**--**	**--**	
MW-9	5/11/2010	104.70	45.84	0.00	58.86	**2.3**	**1.4**	**0.009**	**0.0012**	**0.089**	**0.0012**	**--**	**--**	**--**	**--**	
MW-9	9/7/2010	104.70	47.18	0.00	57.52	**3.1**	**2.1**	**0.011**	**0.0011**	**0.11**	**0.0011**	**--**	**--**	**--**	**--**	
MW-9	4/20/2011	104.70	45.76	0.00	58.94	**2.9**	**2**	**0.015**	**0.0014**	**0.1**	**0.0014**	**--**	**--**	**--**	**--**	
MW-9	9/28/2011	104.70	46.16	0.00	58.54	**5.8 / 0.63**	**1.4 / 1.5**	**0.0094 / 0.01**	**0.0012 / 0.0014**	**0.071 / 0.072**	**0.0012 / 0.0014**	**--**	**--**	**--**	**--**	TPH-d with Silica gel, BTEX by SW-846 8021B
MW-9	5/21/2012	104.70	45.70	0.00	59.00	**2.1 / 0.48**	**1.2**	**0.0069**	**0.0012**	**0.035**	**0.0012**	**--**	**--**	**--**	**--**	TPH-d with Silica gel
MW-9	9/18/2012	104.70	45.41	0.00	59.29	**2.1 / 0.34**	**1.2**	**0.0089**	**0.00130J**	**0.049**	**0.00130 J**	**--**	**--**	**--**	**--**	TPH-d with Silica gel
MW-9	5/6/2013	109.64	45.50	0.00	64.14	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	5/7/2013	109.64	--	--	--	1.1 / <0.5000	**0.562**	**0.0025**	<0.00100	**0.021**	<0.00100	**--**	**--**	**--**	**--**	TPH-d with Silica gel
MW-9	5/7/2013	109.64	--	--	--	**1.6** / <0.5000	**1.01**	**0.0033**	<0.00100	**0.032**	<0.00100	**--**	**--**	**--**	**--**	TPH-d with Silica gel
MW-9	9/16/2013	109.64	45.32	0.00	64.32	**1.7 / 0.5600**	**1.04**	**0.0033**	<0.00100	**0.0371**	<0.00100	**--**	**--**	**--**	**--**	TPH-d with Silica gel
MW-9	5/5/2014	109.64	44.88	0.00	64.76	<0.40	<0.1000	<0.00100	<0.00100	**0.0012**	<0.00100	**--**	**--**	**--**	**--**	
MW-9	5/5/2014	109.64	--	--	--	<0.42	**0.146**	**0.0011**	<0.00100	<0.00100	<0.00100	**--**	**--**	**--**	**--**	
MW-9	9/3/2014	109.64	45.27	0.00	64.37	**0.88**	<0.1000	<0.00100	<0.00100	<0.00100	<0.00100	**--**	**--**	**--**	**--**	
MW-9	4/16/2015	109.64	45.70	0.00	63.94	**1.4**	**0.67**	**0.003**	<0.00050	**0.011**	<0.00050	**--**	**--**	**--**	**--**	
MW-9	10/29/2015	109.64	45.84	0.00	155.48	**1.5**	**0.84**	**0.002**	<0.00050	**0.014**	<0.00050	**--**	**--**	**--**	**--**	
MW-9	4/19/2016	109.64	46.00	0.00	63.64	**1.5**	**0.95**	**0.003**	<0.0005	**0.012**	<0.0005	**--**	**--**	**--**	**--**	
MW-9	9/23/2016	109.64	46.25	0.00	63.39	**7.5**	**0.073 J**	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
MW-9	5/8/2017	109.64	45.74	0.00	63.90	**1.1**	**0.95**	**0.034**	**0.006**	**0.007**	**0.026**	**--**	**--**	**--**	**--**	
MW-9	10/2/2017	109.64	44.12	0.00	65.52	**0.14 J**	**0.092 J**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
MW-9	5/24/2018	109.64	43.90	0.00	65.74	<0.052 J	**0.033 J**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
MW-9	9/14/2018	109.64	43.99	0.00	65.65	**0.10 J**	<0.014	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	**--**	**--**	**--**	
MW-9	4/25/2019	109.65	44.79	0.00	64.86	**0.094 J**	<0.014	<0.0002	<0.0002	<0.0004	<0.001	<0.0002	<0.0002	<0.0003	**--**	Depth to water taken from Well Survey June 5, 2019
MW-9	9/23/2019	109.65	44.79	0.00	64.86	< 0.092	< 0.1	**0.00015 J**	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	**--**	
MW-9	4/17/2020	109.65	44.39	0.00	65.26	<0.800 [<0.800]	**0.0220 J [0.0255 J]**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00300 [<0.00300]	<0.00100 [<0.00100]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.0005 [<0.0005]	
MW-9	10/19/2020	109.65	44.25	0.00	65.40	<0.800	**0.0186 J**	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-9	4/20/2021	109.65	--	--	--	--	--	--	--	--	--	--	--	--	--	Vehicle parked over well
MW-9	9/10/2021	109.65	44.28	0.00	65.37	<0.840 B [<0.840 B]	<0.100 [0.0403 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00300 [<0.00300]	<0.00100 [<0.00100]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	***<0.00500 J [<0.00500 J]***	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-9	4/19/2022	109.65	44.00	0.00	65.65	<0.8	<0.1	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-9	8/22/2022	109.65	43.95	0.00	65.70	<0.800 B [<928 B]	<0.100 B [<0.100 B]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00300 [<0.00300]	<0.00100 [<0.00100]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.000525 [<0.000525 J]	
MW-10	10/13/2003	103.26	46.68	0.00	56.58	--	--	--	--	--	--	--	--	--	--	
MW-10	6/1/2004	103.26	--	--	--	**2.9**	**5.5**	**0.01**	**0.014**	**0.4**	**0.014**	<0.0020	--	--	--	
MW-10	6/10/2004	103.26	46.26	0.00	57.00	--	--	--	--	--	--	--	--	--	--	
MW-10	9/22/2004	103.26	46.45	0.00	56.81	**1.3**	**0.76**	**0.001**	**0.0009**	**0.062**	**0.0009**	<0.0020	--	--	--	
MW-10	5/18/2005	103.26	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	9/28/2005	103.26	46.15	0.00	57.11	**0.24**	**0.61**	**0.0006**	**0.0008**	**0.03**	**0.0008**	<0.0020	--	--	--	
MW-10	5/17/2006	103.26	46.63	0.00	56.63	**0.75**	**2.1**	**0.003**	<0.00050	**0.097**	<0.00050	<0.0020	--	--	--	
MW-10	9/23/2006	103.26	46.17	0.00	57.09	--	--	--	--	--	--	--	--	--	--	
MW-10	5/16/2007	103.74	45.25	0.00	58.49	**0.93**	**1.3**	**0.007**	**0.002**	**0.09**	**0.002**	--	--	--	--	
MW-10	9/27/2007	103.74	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	5/29/2009	103.74	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	5/11/2010	103.74	--	--	--	**13**	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-10R	9/28/2011	--	46.15	0.00	--	**3.6 / 2.2**	**8.7**	**0.027**	**0.007**	**0.26**	**0.007**	--	--	--	--	TPH-d with Silica gel
MW-10R	5/21/2012	--	45.65	0.00	--	**12 / 3**	**17**	**0.055**	**0.053**	**0.21**	**0.053**	--	--	--	--	TPH-d with Silica gel
MW-10R	9/18/2012	--	45.82	0.00	--	**9.12**	**6.7**	**0.022**	**0.006**	**0.14**	**0.006**	--	--	--	--	
MW-10R	5/7/2013	109.64	44.47	0.00	65.17	**1.5 / 1.2000**	**3.77**	<0.00500	<0.00500	**0.1880**	<0.00500	--	--	--	--	TPH-d with Silica gel
MW-10R	5/7/2013	109.64	--	--	--	**1.6 / 1.3000**	**4.81**	<0.00500	<0.00500	**0.168**	<0.00500	--	--	--	--	TPH-d with Silica gel
MW-10R	9/16/2013	109.64	45.28	0.00	64.36	**2.1 / 1.8000**	**2.17**	**0.0014**	**0.0013**	**0.0534**	**0.0013**	--	--	--	--	TPH-d with Silica gel
MW-10R	5/2/2014	109.64	44.78	0.00	64.86	**1.7**	**2.97**	<0.00500	<0.00500	**0.183**	<0.00500	--	--	--	--	
MW-10R	5/2/2014	109.64	--	--	--	**2.1**	**2.51**	<0.00500	<0.00500	**0.0513**	<0.00500	--	--	--	--	
MW-10R	9/3/2014	109.64	46.21	0.00	63.43	**2.2**	**4.97**	<0.00500	<0.00500	**0.173**	<0.00500	--	--	--	--	
MW-10R	4/16/2015	109.64	45.61	0.00	64.03	**5.9**	**3.6**	**0.002**	**0.002**	**0.16**	**0.002**	--	--	--	--	Unable to Locate.
MW-10R	10/29/2015	109.64	45.76	0.00	155.40	**2.5**	**3**	**0.00090 J**	**0.0010 J**	**0.051**	**0.0010J**	--	--	--	--	
MW-10R	4/19/2016	109.64	45.93	0.00	63.71	**3.6**	**4.5**	**0.002**	**0.002**	**0.13**	**0.13**	--	--	--	--	
MW-10R	9/23/2016	109.64	46.24	0.00	63.40	**1.6**	**3.5**	**0.001**	**0.001**	**0.057**	**0.062**	--	--	--	--	
MW-10R	5/8/2017	109.64	45.68	0.00	63.96	**1.7**	**3.9**	**0.0009 J**	<0.0005	**0.005**	**0.036**	--	--	--	--	
MW-10R	10/2/2017	109.64	43.96	0.00	65.68	**0.66 J**	**2.9**	**0.001 J**	**0.001**	**0.10**	**0.093**	<0.0005	--	--	--	
MW-10R	5/24/2018	109.64	43.74	0.00	65.90	**0.52 J**	**2.3**	**0.0006 J**	**0.0007 J**	**0.092**	**0.086**	<0.0005	--	--	--	
MW-10R	9/14/2018	109.64	43.85	0.00	65.79	**0.76**	**2.6**	**0.001 J**	**0.001**	**0.15**	**0.13**	<0.0002	--	--	--	
MW-10R	4/25/2019	109.66	44.66	0.00	65.00	**0.98**	**3.2**	**0.001**	<0.001 B	**0.16**	**0.11**	<0.0002	<0.0002	<0.0003	--	Non detects for Toluene reported to LOQ
MW-10R	9/23/2019	109.66	44.68	0.00	64.98	**0.61**	**1.5**	**0.00085**	**0.00081 J**	**0.12 D**	**0.0799 D J**	< 0.00044	< 0.000014	< 0.000024	--	
MW-10R	4/17/2020	109.66	44.06	0.00	65.60	**0.742 J**	**1.110**	**0.000754 J**	**0.00114**	**0.0824**	**0.0704**	<0.00100	***<0.000500***	<0.00100	**0.00896**	
MW-10R	10/19/2020	109.66	44.10	0.00	65.56	<0.800 J **[0.547 J]**	**0.721 J [0.766 J]**	**0.000655 J [0.000639 J]**	**0.0011 [0.00105]**	**0.0641 [0.0663]**	**0.0573 [0.0576]**	<0.00100 [<0.00100]	***<0.000500 [<0.000500]***	<0.00100 [<0.00100]	**0.0434 J [0.0299 J]**	
MW-10R	4/20/2021	109.66	44.08	0.00	65.58	**0.256 J [0.253 J]**	**0.795 [0.759]**	**0.000281 J [0.000268 J]**	<0.00100 B **[0.00105]**	**0.0337 [0.0299]**	**0.0283 [0.0234]**	<0.00100 [<0.00100]	<0.0000500 [<0.0000500]	<0.00100 [<0.00100]	**0.0154 [0.0131]**	
MW-10R	9/10/2021	109.66	44.18	0.00	65.48	<0.800 B	**1.20**	**0.000511 J**	**0.000992 J**	**0.0595**	**0.0521**	<0.00100	<0.0000500	<0.00100	**0.0198 J**	
MW-10R	4/19/2022	109.66	43.73	0.00	65.93	**0.357 J**	**0.656**	**0.000515 J**	**0.000907 J**	**0.0405**	**0.0405**	<0.00100	<0.000125	<0.00100	**0.0181**	
MW-10R	8/22/2022	109.66	43.60	0.00	66.06	<0.888 B	0.07	**0.000305 J**	**0.000545 J**	**0.0261**	**0.0251**	<0.00100	<0.000250	<0.00100	**0.0045**	
															--	
MW-11	10/13/2003	103.27	46.42	0.00	56.85	--	--	--	--	--	--	--	--	--	--	
MW-11	6/10/2004	103.27	46.02	0.00	57.25	--	--	--	--	--	--	--	--	--	--	
MW-11	6/11/2004	103.27	--	--	--	**8.1**	**11**	**0.11**	**0.39**	**0.6**	**0.39**	<0.0020	--	--	--	
MW-11	6/11/2004	103.27	--	--	--	**8.1**	--	**0.11**	**0.39**	**0.6**	**0.39**	<0.0020	--	--	--	
MW-11	6/11/2004	103.27	--	--	--	**8.1**	--	**0.11**	**0.39**	**0.6**	**0.39**	<0.0020	--	--	--	
MW-11	9/22/2004	103.27	46.21	0.00	57.06	**0.64**	**0.011**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-11	5/18/2005	103.27	45.61	0.00	57.66	**2.6**	**6.3**	**0.033**	**0.15**	**0.41**	**0.15**	<0.0020	--	--	--	
MW-11	9/28/2005	103.27	45.90	0.00	57.37	**0.032**	**0.029**	<0.00050	<0.00050	**0.002**	<0.00050	<0.0020	--	--	--	
MW-11	5/17/2006	103.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	9/23/2006	103.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	5/16/2007	103.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
															--	
MW-12	10/13/2003	101.38	60.52	0.00	40.86	**12**	**0.56**	**0.18**	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-12	5/27/2004	101.38	--	--	--	--	**0.32 , 8.5**	**0.12**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	
MW-12	6/11/2004	101.38	60.12	0.00	41.26	**3.4**	**0.41**	**0.15**	**0.0006**	**0.0006**	**0.0006**	<0.0020	--	--	--	
MW-12	9/22/2004	101.38	60.23	0.00	41.15	**2.3**	**0.38 , 2.3**	**0.16**	**0.0005**	<0.00050	**0.0005**	<0.0020	--	--	--	
MW-12	5/18/2005	101.38	58.47	0.00	42.91	**0.96**	**0.68**	**0.17**	**0.0009**	**0.001**	**0.0009**	<0.0020	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-12	9/29/2005	101.38	59.86	0.00	41.52	**1.7**	**0.58**	**0.19**	**0.0008**	**0.001**	**0.0008**	<0.0020	--	--	--	
MW-12	5/17/2006	101.38	60.12	0.00	41.26	**1.8**	**0.56**	**0.18**	**0.0008**	**0.001**	**0.0008**	<0.0020	--	--	--	
MW-12	9/23/2006	101.38	60.04	0.00	41.34	**2.1**	**0.63**	**0.17**	**0.0007**	**0.001**	**0.0007**	--	--	--	--	
MW-12	5/16/2007	101.38	59.58	0.00	41.80	**1.8**	**0.4**	**0.1**	<0.0010	**0.002**	<0.0010	--	--	--	--	
MW-12	9/27/2007	101.38	59.97	0.00	41.41	**1.4 / 0.71**	**0.4 / 0.4**	**0.1 / 0.1**	<0.0010 / <0.0010	**0.002 / 0.002**	<0.0010 / <0.0010	--	--	--	--	
MW-12	5/17/2008	101.38	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-12	9/14/2008	101.38	60.02	0.00	57.76	**1.2**	**0.4**	**0.1**	<0.0010	**0.002**	<0.0010	--	--	--	--	
MW-12	5/29/2009	101.38	59.79	0.00	41.59	**0.089**	**0.34**	**0.13**	<0.00050	**0.0017**	<0.00050	--	--	--	--	
MW-12	9/18/2009	101.38	60.15	0.00	41.23	**0.071**	**0.26**	**0.12**	<0.00050	**0.0009**	<0.00050	--	--	--	--	
MW-12	5/11/2010	101.38	60.00	0.00	41.38	**0.38**	**0.21**	**0.092**	**0.0005**	**0.0006**	**0.0005**	--	--	--	--	
MW-12	9/7/2010	101.38	60.40	0.00	40.98	**0.74 / 1.1**	**0.17 / 0.18**	**0.089 / 0.088**	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	--	--	--	--	BTEX by SW-846 8021B
MW-12	4/20/2011	101.38	--	--	--	**0.71**	**0.16**	**0.069**	<0.00050	**0.0006**	<0.00050	--	--	--	--	
MW-12	4/26/2011	101.38	60.29	0.00	41.09	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-12	9/28/2011	101.38	60.62	0.00	40.76	**3.2 / 0.056**	**0.13 / 0.13**	**0.072 / 0.075**	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	--	--	--	--	TPH-d with Silica gel, BTEX by SW-846 8021B
MW-12	5/21/2012	101.38	60.10	0.00	41.28	**0.26 / 0.16**	**0.13**	**0.06**	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-12	9/18/2012	101.38	60.12	0.00	41.26	**0.52 / 0.33**	**0.13**	**0.068**	<0.00050	**0.00060 J**	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-12	5/6/2013	108.01	59.90	0.00	48.11	<0.5400 / <0.4800	**0.1600 / 0.1240**	**0.0588 / 0.0458**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	
MW-12	9/16/2013	108.01	59.96	0.00	48.05	<0.4100 / <0.4100	**0.1600 / 0.17**	**0.0523 / 0.0549**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	
MW-12	5/2/2014	108.01	59.56	0.00	48.45	<0.42 / <0.40	**0.153 / 0.14**	**0.04250 / 0.038702**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	
MW-12	9/2/2014	108.01	59.96	0.00	48.05	<0.40	<10.0000	**0.0417**	<0.00200	<0.00200	<0.00200	--	--	--	--	
MW-12	4/16/2015	108.01	60.24	0.00	47.77	**0.28**	**0.1000 J**	**0.04**	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-12	10/29/2015	108.01	60.14	0.00	168.15	**0.31**	**0.0810 J**	**--**	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-12	4/19/2016	108.01	60.01	0.00	48.00	**0.17 J**	**0.086 J**	**0.031**	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-12	9/23/2016	108.86	60.36	0.00	63.01	**0.58 J**	**0.088 J**	**0.035**	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-12-DUP	9/23/2016	108.86	60.36	0.00	63.01	**1.0 J**	**0.083 J**	**0.035**	<0.0005	<0.0005	<0.0005		--	--	--	
MW-12	5/8/2017	108.01	59.99	0.00	48.02	<0.052	**0.064 J**	**0.021**	<0.0005	**0.044**	**0.30**	--	--	--	--	
MW-12	10/3/2017	108.01	58.23	0.00	49.78	**0.76**	**0.012 J**	**0.003**	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-12	5/25/2018	108.01	57.81	0.00	50.20	**0.86 J / 0.85 J**	<0.010 / <0.010	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	--	--	--	
MW-12	9/13/2018	108.01	57.89	0.00	50.12	**0.65**	<0.014	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	--	--	--	
MW-12	4/25/2019	108.04	58.03	0.00	50.01	**0.56**	<0.014	<0.0002	<0.0002	<0.0004	<0.001	<0.0002	<0.0002	<0.0003	--	Depth to water taken from Well Survey June 5, 2019
MW-12 [FD]	9/23/2019	108.04	58.31	0.00	49.73	**0.33 [0.24 J]**	< 0.1 [< 0.1]	< 0.0000090 [0.000011 J]	< 0.00039 [< 0.00039]	< 0.00050 [< 0.00050]	< 0.00075 [< 0.00075]	< 0.00044 [< 0.00044]	< 0.000014 [< 0.000014]	< 0.000024 [< 0.000024]	--	
MW-12	4/17/2020	108.04	58.18	0.00	49.86	--	--	--	--	--	--	--	--	--	--	Obstructed by ice in well
MW-12	10/20/2020	108.04	58.30	0.00	49.74	**0.323 J**	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.0000500	<0.00100	***<0.00500***	
MW-12	4/20/2021	108.04	58.35	0.00	49.69	**0.369 J**	<0.100 B	<0.00100	<0.00100 B	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
MW-12	9/10/2021	108.04	58.26	0.00	49.78	<0.840 B	<0.100	<0.00100	**0.000325 J**	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-12	4/19/2022	108.04	57.98	0.00	50.06	--	--	--	--	--	--	--	--	--	--	Unable to Sample - Well Frozen
MW-12	8/22/2022	108.04	57.75	0.00	50.29	<0.800 B	<0.100 B	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
															--	
MW-13	5/9/2005	--	--	--	--	**0.065**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	6/16/2005	--	--	--	--	**0.04**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	9/29/2005	102.25	44.60	0.00	57.65	**0.024**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-13	5/17/2006	102.25	45.21	0.00	57.04	**0.21**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-13	9/23/2006	102.25	44.69	0.00	57.56	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-13	5/16/2007	102.25	43.77	0.00	58.48	**0.61**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-13	9/27/2007	102.25	44.16	0.00	58.09	**0.27**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-13	5/17/2008	102.25	43.86	0.00	58.39	--	--	--	--	--	--	--	--	--	--	
MW-13	9/14/2008	102.25	44.32	0.00	57.93	**0.37**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-13	5/31/2009	102.25	44.22	0.00	58.03	<0.0510	<0.010	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	9/18/2009	102.25	44.67	0.00	57.58	<0.0490	<0.010	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	5/11/2010	102.25	44.55	0.00	57.70	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-13	9/7/2010	102.25	44.49	0.00	57.76	<0.052	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	9/28/2011	102.25	47.78	0.00	54.47	1.2 / <0.049	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-13	5/21/2012	102.25	44.25	0.00	58.00	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-13	9/18/2012	102.25	44.24	0.00	--	**0.25 J / 0.19 / 0.077 J**	<0.0100 / <0.0100	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	--	--	--	--	TPH-d with Silica gel, BTEX by SW-846 8021B
MW-13	5/6/2013	108.88	--	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-13	9/17/2013	108.88	43.91	0.00	64.97	<0.4100	<0.1000	<0.00100	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-13	5/2/2014	108.88	43.50	0.00	65.38	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	
MW-13	9/2/2014	108.88	43.91	0.00	64.97	**0.45**	<0.1000	<0.00100	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-13	4/15/2015	108.88	44.30	0.00	64.58	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-13	10/29/2015	108.88	44.32	0.00	153.20	**0.32**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-13	4/19/2016	108.88	44.68	0.00	64.20	**0.78**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-13	9/23/2016	108.88	44.83	0.00	64.05	**0.63**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-13	5/8/2017	108.88	44.35	0.00	64.53	**0.39**	<0.010	**0.003**	<0.0005	<0.0005	**0.020**	--	--	--	--	
MW-13	10/3/2017	108.88	42.45	0.00	66.43	**0.062 J**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-13	5/25/2018	108.88	42.16	0.00	66.72	<0.050 J	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-13	9/13/2018	108.88	42.29	0.00	66.59	**0.099 J**	<0.014	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	--	--	--	
MW-13	4/25/2019	109.26	43.48	0.00	65.78	0.060 J [<0.050]	<0.014 [<0.014]	<0.0002 [<0.0002]	<0.0002 [<0.0002]	<0.0004 [<0.0004]	<0.001 [<0.001]	<0.0002 [<0.0002]	<0.0002 [<0.0002]	<0.0003 [<0.0003]	--	Depth to water taken from Well Survey June 5, 2019
MW-13	9/23/2019	109.26	43.48	0.00	65.78	**0.24 J**	< 0.1	< 0.0000090	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	--	
MW-13	4/17/2020	109.26	42.88	0.00	66.38	--	--	--	--	--	--	--	--	--	--	
MW-13	10/19/2020	109.26	42.87	0.00	66.39	--	--	--	--	--	--	--	--	--	--	
MW-13	4/20/2021	109.26	--	--	--	--	--	--	--	--	--	--	--	--	--	Frozen at 1 foot below TOC
MW-13	9/10/2021	109.26	42.95	0.00	66.31	--	--	--	--	--	--	--	--	--	--	
MW-13	4/19/2022	109.26	--	0.00	--	--	--	--	--	--	--	--	--	--	--	Unable to Gauge and Sample - Well Frozen
MW-13	8/22/2022	109.26	42.48	0.00	66.78	--	--	--	--	--	--	--	--	--	--	
													--	--	--	
MW-14	6/16/2005	--	--	--	--	**15 / 19**	**0.22 / 0.21**	**0.044 / 0.043**	<0.00050 / <0.00050	**0.011 / 0.011**	<0.00050 / <0.00050	--	--	--	--	
MW-14	9/29/2005	102.35	56.59	0.00	45.76	**0.081**	**0.079**	**0.025**	<0.00050	**0.003**	<0.00050	<0.0020	--	--	--	
MW-14	5/17/2006	102.35	56.93	0.00	45.42	**1.6**	**0.061**	**0.019**	<0.00050	**0.002**	<0.00050	<0.0020	--	--	--	
MW-14	9/23/2006	102.35	56.77	0.00	45.58	**2.9**	**0.046**	**0.011**	<0.00050	**0.0009**	<0.00050	--	--	--	--	
MW-14	5/16/2007	102.35	56.28	0.00	46.07	**1.8**	**0.02**	**0.009**	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-14	9/27/2007	102.35	56.68	0.00	45.67	**0.57**	**0.03**	**0.01**	<0.0010	**0.001**	<0.0010	--	--	--	--	
MW-14	5/17/2008	102.35	56.44	0.00	45.91	**6.6**	**0.03**	**0.01**	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-14	9/14/2008	102.35	56.71	0.00	45.64	**1**	**0.04**	**0.01**	<0.0010	**0.002**	<0.0010	--	--	--	--	
MW-14	5/31/2009	102.35	56.56	0.00	45.79	<0.0500	**0.02**	**0.008**	<0.00050	**0.001**	<0.00050	--	--	--	--	
MW-14	9/18/2009	102.35	56.96	0.00	45.39	**0.47**	**0.032**	**0.0093**	<0.00050	**0.0027**	<0.00050	--	--	--	--	
MW-14	5/11/2010	102.35	56.77	0.00	45.58	**0.43**	**0.027**	**0.0087**	<0.00050	**0.0012**	<0.00050	--	--	--	--	
MW-14	9/8/2010	102.35	56.95	0.00	45.40	**1.5**	**0.024**	**0.01**	<0.00050	**0.0016**	<0.00050	--	--	--	--	
MW-14	4/20/2011	102.35	56.82	0.00	45.53	**0.053**	**0.028**	**0.0098**	<0.00050	**0.0011**	<0.00050	--	--	--	--	
MW-14	9/28/2011	102.35	57.15	0.00	45.20	**1.4 / 0.35**	**0.021**	**0.009**	<0.00050	**0.0007**	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-14	5/21/2012	102.35	56.70	0.00	45.65	**0.32 / 0.19**	**0.02**	**0.0074**	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-14	9/18/2012	102.35	56.70	0.00	45.65	**1.8 / 1.3**	**0.0150J**	**0.0065**	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-14	5/8/2013	109.00	56.02	0.00	52.98	<0.5400 / <0.5100	<0.1000 / <0.1000	**0.0057 / 0.0038**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	
MW-14	9/17/2013	109.00	56.54	0.00	52.46	<0.4100	<0.100 B	**0.0054**	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-14	5/5/2014	109.00	56.18	0.00	52.82	<0.40 / <0.40	<0.1000 / <0.1000	**0.0048 / 0.004**	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	
MW-14	9/2/2014	109.00	56.53	0.00	52.47	<0.42	<0.1000	**0.0043**	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-14	4/15/2015	109.00	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	10/29/2015	109.00	56.90	0.00	165.90	**0.29**	**0.0170 J**	**0.005**	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-14	4/19/2016	109.00	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-14	9/23/2016	109.00	57.03	0.00	51.97	**0.56**	**0.015 J**	**0.004**	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-14	5/8/2017	109.00	56.70	0.00	52.30	**0.28**	**0.018 J**	**0.0009 J**	<0.0005	**0.005**	**0.036**	--	--	--	--	
MW-14	10/3/2017	109.00	55.30	0.00	53.70	<0.053 / <0.051	<0.010 / <0.010	**0.003 / 0.003**	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	<0.0005 / <0.0005	--	--	--	
MW-14	5/25/2018	109.00	55.12	0.00	53.88	<0.051J	<0.010	**0.002**	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-14	9/13/2018	109.00	55.26	0.00	53.74	**0.074 J**	<0.014	**0.002**	<0.0002	<0.0002	<0.0005	<0.0002	--	--	--	
MW-14	4/25/2019	109.01	55.60	0.00	53.41	**0.24 J**	<0.014	**0.001**	<0.0002	<0.0004	<0.001	<0.0002	<0.0002	<0.0003	--	Depth to water taken from Well Survey June 5, 2019
MW-14	9/23/2019	109.01	55.78	0.00	53.23	**0.97**	< 0.1	**0.0011**	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.00050 B	--	
MW-14	4/17/2020	109.01	55.56	0.00	53.45	--	--	--	--	--	--	--	--	--	--	Obstructed by ice in well
MW-14	10/20/2020	109.01	55.72	0.00	53.29	<0.800 [<0.800]	<0.100 [<0.100]	**0.00105 [0.00112]**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00300 [<0.00300]	<0.00100 [<0.00100]	<0.00000500 [<0.00000500]	**0.000142 J** [<0.00100]	***<0.00500 [<0.00500]***	
MW-14	4/20/2021	109.01	55.70	0.00	53.31	--	--	--	--	--	--	--	--	--	--	Well frozen
MW-14	9/10/2021	109.01	55.67	0.00	53.34	<0.800 B	<0.100	**0.000807 J**	**0.000396 J**	<0.00100	<0.00300	<0.00100	<0.00000500	**0.000160 J**	***<0.00500 J***	
MW-14	4/19/2022	109.01	--	0.00	--	--	--	--	--	--	--	--	--	--	--	Unable to Gauge and Sample - Well Frozen
MW-14	8/22/2022	109.01	55.27	0.00	53.74	<0.800 B	<0.100 B	**0.000650 J**	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	**0.000136 J**	***<0.00500***	
													--	--	--	
MW-15	5/11/2005	--	--	--	--	<0.0230	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-15	6/16/2005	--	--	--	--	**0.25**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-15	9/29/2005	102.04	55.84	0.00	46.20	**0.031**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	--	--	--	
MW-15	5/17/2006	102.04	56.22	0.00	45.82	**0.071**	**0.076**	**0.014**	<0.00050	**0.004**	<0.00050	<0.0020	--	--	--	
MW-15	9/23/2006	102.04	56.04	0.00	46.00	--	--	--	--	--	--	--	--	--	--	
MW-15	5/16/2007	102.04	55.45	0.00	46.59	**0.077**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	--	--	--	--	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-15	9/27/2007	102.04	55.92	0.00	46.12	**0.072**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	--	--	--	--	
MW-15	5/17/2008	102.04	55.62	0.00	46.42	--	--	--	--	--	--	--	--	--	--	
MW-15	9/14/2008	102.04	55.95	0.00	46.09	**0.093 / 0.11**	<0.0100 / <0.0100	0.001 / <0.0010	<0.0010 / <0.0010	<0.0010 / <0.0010	<0.0010 / <0.0010	--	--	--	--	BTEX by SW-846 8021B
MW-15	5/31/2009	102.04	55.74	0.00	46.30	<0.0480 / <0.0510	<0.010 / <0.0100	**0.0007 / 0.0007**	<0.00050 / <0.00050	<0.00050[1] / <0.00050	<0.00050[1] / <0.00050	--	--	--	--	BTEX by SW-846 8021B
MW-15	9/18/2009	102.04	56.04	0.00	46.00	<0.0520	**0.024 / ----**	**0.0052**	<0.00050	**0.0023**	<0.00050	--	--	--	--	
MW-15	5/11/2010	102.04	56.06	0.00	45.98	**0.069 / 0.073**	0.012 / <0.0100	**0.0015 / 0.0016**	<0.00050 / <0.00050	<0.00050[1] / <0.00050	<0.00050[1] / <0.00050	--	--	--	--	BTEX by SW-846 8021B
MW-15	9/7/2010	102.04	56.22	0.00	45.82	**0.098**	**0.028**	**0.0021**	<0.00050	**0.0009**	<0.00050	--	--	--	--	
MW-15	4/20/2011	102.04	56.14	0.00	45.90	--	--	--	--	--	--	--	--	--	--	
MW-15	9/28/2011	102.04	56.40	0.00	45.64	--	--	--	--	--	--	--	--	--	--	
MW-15	5/21/2012	102.24	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	9/18/2012	102.24	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	5/6/2013	108.69	55.76	0.00	52.93	--	--	--	--	--	--	--	--	--	--	
MW-15	9/16/2013	108.69	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	5/2/2014	108.69	55.42	0.00	53.27	--	--	--	--	--	--	--	--	--	--	
MW-15	9/2/2014	108.69	55.80	0.00	52.89	--	--	--	--	--	--	--	--	--	--	
MW-15	4/15/2015	108.69	56.07	0.00	52.62	--	--	--	--	--	--	--	--	--	--	
MW-15	10/29/2015	108.69	56.03	0.00	164.72	--	--	--	--	--	--	--	--	--	--	
MW-15	4/19/2016	108.69	56.06	0.00	52.63	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	9/23/2016	108.69	56.33	0.00	52.36	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	5/08/2017	108.69	55.98	0.00	52.71	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	10/02/2017	108.69	54.32	0.00	54.37	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	5/24/2018	108.69	54.11	0.00	54.58	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	9/13/2018	108.69	54.22	0.00	54.47	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-15	4/25/2019	108.69	55.57	0.00	53.12	--	--	--	--	--	--	--	--	--	--	Depth to water taken from Well Survey June 5, 2019
MW-15	9/23/2019	108.69	54.75	0.00	53.94	--	--	--	--	--	--	--	--	--	--	
MW-15	4/17/2020	108.69	--	--	--	--	--	--	--	--	--	--	--	--	--	Well obstructed by ice at 0.5 ft btoc
MW-15	10/19/2020	108.69	54.73	0.00	53.96	--	--	--	--	--	--	--	--	--	--	
MW-15	4/20/2021	108.69	54.71	0.00	53.98	--	--	--	--	--	--	--	--	--	--	
MW-15	9/10/2021	108.69	54.75	0.00	53.94	--	--	--	--	--	--	--	--	--	--	
MW-15	4/19/2022	108.69	54.37	0.00	54.32	--	--	--	--	--	--	--	--	--	--	Not Included in Monitoring Program
MW-15	8/22/2022	108.69	54.35	0.00	54.34	--	--	--	--	--	--	--	--	--	--	
MW-16	6/5/2008	--	--	--	--	**6.5**	**1.3**	**0.007**	**0.0008**	**0.03**	**0.0008**	--	--	--	--	
MW-16	9/14/2008	--	57.01	0.00	--	**55**	**0.3**	**0.001**	<0.0010	**0.005**	<0.0010	--	--	--	--	
MW-16	5/31/2009	108.84	57.45	0.00	51.39	**2.9**	**1.4**	**0.0068**	**0.0013**	**0.041**	**0.0013**	--	--	--	--	
MW-16	9/18/2009	108.84	57.18	0.00	51.66	**8 / 2.6**	**0.74 / 0.72**	**0.0031 / 0.0029**	**0.0008 / 0.0007**	**0.02 / 0.018**	**0.0008 / 0.0007**	--	--	--	--	BTEX by SW-846 8021B
MW-16	5/11/2010	108.84	57.10	0.00	51.74	**4.5**	**0.027**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-16	9/7/2010	108.84	57.25	0.00	51.59	**2.6**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-16	9/28/2011	108.84	57.46	0.00	51.38	**330 / 71**	**0.55**	**0.0013**	<0.00050	**0.0021**	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-16	5/21/2012	--	--	--	--	**39 / 39**	**0.034**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-16	9/18/2012	108.84	57.05	0.00	51.79	**23 /13**	**0.0250 J**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	TPH-d with Silica gel
MW-16	5/8/2013	108.85	56.80	0.00	52.05	**7.50 / 2.00 / 7.50 / 1.40**	<0.1000 / <0.1000	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / 0.0024	<0.00100 / <0.00100	--	--	--	--	TPH-d with Silica gel
MW-16	9/17/2013	108.85	56.85	0.00	52.00	**7 / 6.6 / 6.20**	<0.1000 / <0.1000	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	<0.00100 / <0.00100	--	--	--	--	TPH-d with Silica gel
MW-16	5/2/2014	108.85	56.45	0.00	52.40	--	--	--	--	--	--	--	--	--	--	
MW-16	9/2/2014	108.85	56.83	0.00	52.02	**5.3**	<0.1000	<0.00100	<0.00100	<0.00100	<0.00100	--	--	--	--	
MW-16	4/15/2015	108.85	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	10/29/2015	108.85	57.16	0.00	166.01	**4.5**	**0.0180 J**	<0.00050	<0.00050	<0.00050	<0.00050	--	--	--	--	
MW-16	4/19/2016	108.85	57.13	0.00	51.72	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-16	9/23/2016	108.85	57.39	0.00	51.46	**18**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	--	
MW-16	5/08/2017	108.85	--	--	--	--	--	--	--	--	--	--	--	--	--	Obstruction
MW-16	10/3/2017	108.85	55.69	0.00	53.16	<0.052	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-16	5/24/2018	108.85	55.48	0.00	53.37	<0.055J	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	--	--	--	
MW-16	9/13/2018	108.85	55.60	0.00	53.25	**0.12 J / 0.091 J**	<0.014 / <0.014	<0.0002 / <0.0002	<0.0002 / <0.0002	<0.0002 / <0.0002	<0.0005 / <0.0005	<0.0002 / <0.0002	--	--	--	
MW-16	4/25/2019	108.86	55.99	0.00	52.87	--	--	--	--	--	--	--	--	--	--	Depth to water taken from Well Survey June 5, 2019
MW-16	9/23/2019	108.86	56.68	0.00	52.18	**0.66**	< 0.1	< 0.0000090	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	--	
MW-16	4/17/2020	108.86	55.97	0.00	52.89	--	--	--	--	--	--	--	--	--	--	Obstructed by ice in well
MW-16	10/20/2020	108.86	56.11	0.00	52.75	**0.270 J**	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.0000500	<0.00100	***<0.00500***	
MW-16	4/20/2021	108.86	56.12	0.00	52.74	<0.840	<0.100 B J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00300 J	<0.00100	<0.00000500	<0.00100 J	***<0.00500 J***	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
MW-16	9/10/2021	108.86	56.13	0.00	52.73	<0.800 B	<0.100	<0.00100	**0.000857 J**	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
MW-16	4/19/2022	108.86	55.79	0.00	53.07	<0.8 [<0.8]	<0.1 [<0.1]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00300 [<0.00300]	<0.00100 [<0.00100]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	***<0.00500 J [<0.00500]***	
MW-16	8/22/2022	108.86	57.71	0.00	51.15	<0.800 B J	<0.800 B J	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500 J	<0.00100	<0.000500	
MW-17	6/10/2004	--	--	--	--	**--**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	**--**	**--**	**--**	
MW-17	9/22/2004	--	--	--	--	**--**	<0.0100	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	**--**	**--**	**--**	
MW-17	5/18/2005	--	--	--	--	**--**	<0.0100	<0.00020	<0.00020	<0.00020	<0.00020	**--**	**--**	**--**	**--**	
MW-17	9/28/2005	--	--	--	--	**--**	<0.0100	<0.00020	<0.00020	<0.00020	<0.00020	**--**	**--**	**--**	**--**	
MW-17	5/17/2006	--	--	--	--	**--**	<0.0100	<0.00020	<0.00020	<0.00020	<0.00020	**--**	**--**	**--**	**--**	
MW-17	9/23/2006	--	--	--	--	**--**	<0.0100	<0.00020	<0.00020	<0.00020	<0.00020	**--**	**--**	**--**	**--**	
MW-17	5/16/2007	--	--	--	--	**--**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	**--**	**--**	**--**	**--**	
MW-17	9/27/2007	--	--	--	--	**--**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	**--**	**--**	**--**	**--**	
MW-17	5/17/2008	--	--	--	--	**--**	<0.0100	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/13/2008	--	--	--	--	**1.1**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	**--**	**--**	**--**	**--**	
MW-17	9/14/2008	--	--	--	--	**--**	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010	**--**	**--**	**--**	**--**	
MW-17	5/29/2009	--	45.59	0.00	--	<0.0480	<0.010	<0.00050	<0.00050	**0.0008**	<0.00050	**--**	**--**	**--**	**--**	
MW-17	9/17/2009	--	46.01	0.00	--	<0.0530	**0.014**	<0.00050	<0.00050	**0.0014**	<0.00050	**--**	**--**	**--**	**--**	
MW-17	5/11/2010	--	45.82	0.00	--	<0.0490	<0.010 , <0.0100	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	**--**	**--**	**--**	**--**	BTEX by SW-846 8021B
MW-17	9/7/2010	--	45.88	0.00	--	**--**	<0.0100	<0.00050	<0.00050	**--**	<0.00050	**--**	**--**	**--**	**--**	
MW-17	9/8/2010	--	--	--	--	**0.094 / 0.57**	<0.0100 / <0.0100	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	<0.00050 / <0.00050	**--**	**--**	**--**	**--**	BTEX by SW-846 8021B
MW-17	4/20/2011	--	45.75	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/28/2011	--	46.13	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	9/2/2014	--	45.23	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	4/15/2015	--	45.61	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-17	10/29/2015	--	47.61	0.00	--	**0.93**	<0.0100	<0.00050	**--**	<0.00050	**--**	**--**	**--**	**--**	**--**	
MW-17	4/19/2016	--	45.88	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Gauge only
MW-17	9/23/2016	--	46.08	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Gauge only
MW-17	5/08/2017	--	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Obstruction
MW-17	10/02/2017	--	43.95	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Gauge only
MW-17	5/24/2018	--	43.64	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Gauge only
MW-17	9/13/2018	--	43.82	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Gauge only
MW-17	4/25/2019	109.90	44.45	0.00	65.45	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	Depth to water taken from Well Survey June 5, 2019
MW-17	9/23/2019	109.90	44.49	0.00	65.41	--	--	--	--	--	--	--	**--**	--	**--**	
MW-17	4/17/2020	109.90	43.97	0.00	65.93	--	--	--	--	--	--	--	--	--	--	
MW-17	10/19/2020	109.90	43.85	0.00	66.05	--	--	--	--	--	--	--	--	--	--	
MW-17	4/20/2021	109.90	43.66	0.00	66.24	--	--	--	--	--	--	--	--	--	--	
MW-17	9/10/2021	109.90	43.99	0.00	65.91	--	--	--	--	--	--	--	--	--	--	
MW-17	4/19/2022	109.90	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Gauge and Sample - Well Frozen
MW-17	8/22/2022	109.90	--	--	--	--	--	--	--	--	--	--	--	--	--	
QA	4/19/2016	--	--	--	--	**--**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
QA	9/23/2016	--	--	--	--	**--**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
QA	5/8/2017	--	--	--	--	**--**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	**--**	
QA	10/3/2017	--	--	--	--	**--**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
QA	5/24/2018	--	--	--	--	**--**	<0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**--**	**--**	**--**	
QA	9/13/2018	--	--	--	--	**--**	<0.014	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	**--**	**--**	**--**	
QA	4/16/2019	--	--	--	--	**--**	<0.014	<0.0002	<0.0002	<0.0004	<0.001	<0.0002	<0.0002	<0.0003	**--**	
QA	9/23/2019	--	--	--	--	< 0.092	< 0.1	< 0.0000090	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	**0.000037 J**	**--**	
TB	9/23/2019	--	--	--	--	--	< 0.1	< 0.0000090	< 0.00039	< 0.00050	< 0.00075	< 0.00044	< 0.000014	< 0.000024	**--**	
TB	4/17/2020	--	--	--	--	--	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	--	
TB	10/20/2020	--	--	--	--	--	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
TB	4/20/2021	--	--	--	--	--	0.0226 J	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
TB	9/10/2021	--	--	--	--	--	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
TB	4/19/2022	--	--	--	--	--	<0.1	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
TB	8/22/2022	--	--	--	--	--	<0.100 B	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
EB	4/17/2020	--	--	--	--	<0.800	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	<0.00052	
EB	10/19/2020	--	--	--	--	<0.800	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	

Table 4. Historical Groundwater Gauging and Analytical Results
Third Quarter 1992 through 2022
Former Chevron-Branded Service Station 96097
303 West Fireweed Lane, Anchorage, Alaska

Well ID	Sample Date	TOC (ft amsl)	DTW (ft bTOC)	LNAPL thickness (ft)	GW Elev (ft amsl)	DRO (mg/L)	GRO (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	EDB (mg/L)	EDC (mg/L)	Naphthalene (mg/L)	Comments
ADEC Groundwater Cleanup Levels						**1.5**	**2.2**	**0.0046**	**1.1**	**0.015**	**0.19**	**0.14**	**0.000075**	**0.0017**	**0.0017**	
EB	4/20/2021	--	--	--	--	<0.800	0.0227 J	<0.00100	**0.000868 J**	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
EB	9/10/2021	--	--	--	--	**0.284 J**	<0.100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500 J***	
EB	4/19/2022	--	--	--	--	<0.8	<0.1	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00500***	
EB	8/22/2022	--	--	--	--	**0.316 J**	<0.100 B	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00000500	<0.00100	***<0.00525***	

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
GW Elev = Groundwater elevation
mg/L = Milligrams per liter
LNAPL = Light non-aqueous phase liquid
-- = Not analyzed/ Not available
<0.00100 = Not detected at or above the reported detection limit (RDL)
Bold = Indicates concentration above the method detection limit (MDL)
Bold and Shaded = Indicates concentration above the ADEC Groundwater Cleanup Level
Bold and *Italicized* : Constituent considered non-detect, however Laboratory RDL is greater than the ADEC Groundwater Cleanup Level
[ ] = Duplicate Sample Result
EB = Equipment Blank
TB = Trip 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)
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
MTBE = Methyl-t-butyl ether
Naphthalene analyzed by USEPA Method 8270E used for MW-5, MW-9, MW-10R, MW-16, and Equipment Blank due to lower RDL between 8260C and 8270E
USEPA Method 8260D: Naphthalene (MW-8, MW-12, MW-14 and Trip Blank were only analyzed for 8260)
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
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.
NAVD88 = North American Vertical Datum of 1988

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Acetone mg/L	Acrolein mg/L	Acrylonitrile mg/L	Bromobenzene mg/L	Bromochloromethane mg/L	Bromodichloromethane mg/L	Bromoform mg/L	Bromomethane (Methyl bromide) mg/L	n-Butylbenzene mg/L	sec-Butylbenzene mg/L	tert-Butylbenzene mg/L	Carbon Disulfide mg/L
ADEC Groundwater Cleanup Levels		**14**	**--**	**--**	**0.062**	**--**	**0.0013**	**0.033**	**0.0075**	**1.00**	**2.00**	**0.69**	**0.81**
MW-5	**4/17/2020**	**0.0121 J**	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.000162 J**	**0.000389 J**	<0.00100
MW-5	**10/19/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**4/20/2021**	**0.0113 J**	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.000128 J**	**0.000355 J**	<0.00100
MW-5	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100 J
MW-5	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.000491 J**	<0.00100	<0.00100
MW-5	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000134 J**	<0.00100
MW-7	**10/19/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	0.00506	**0.00975**	**0.0424**	<0.00100
MW-7	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	**0.00867**	**0.0112**	**0.0449**	<0.00100 J
MW-7	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500 J	<0.00100 J	**0.00953**	**0.0396**	<0.00100
MW-8	**4/17/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000635 J**	<0.00100
MW-8	**10/20/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000618 J**	<0.00100
MW-8	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000493 J**	<0.00100
MW-8	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000410 J**	<0.00100 J
MW-8	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500 J	<0.00100 J	<0.00100	**0.000419 J**	<0.00100
MW-8	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	**0.000298 J**	<0.00100
MW-9	**4/17/2020**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	**0.000349 J [0.000415 J]**	**0.000556 J [0.000859 J]**	<0.00100 [<0.00100 B]
MW-9	**10/19/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.000438 J**	**0.000670 J**	<0.00100
MW-9	**9/10/2021**	<0.0500 [<0.0500]	<0.0500 J [<0.0500 J]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	**0.000209 J [<0.00100]**	0.000386 J [<0.00100]	<0.00100 J [<0.00100 J]
MW-9	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500 J	<0.00100 J	**0.000303 J**	**0.000456 J**	<0.00100
MW-9	**8/22/2022**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	**0.000289 J [0.000306 J]**	**0.000471 J [0.000599 J]**	<0.00100 [<0.00100]
MW-10R	**4/17/2020**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [0.00153]	**0.00443 [0.00236]**	**0.0103 [0.00781]**	<0.00100 B [<0.00100]
MW-10R	**10/19/2020**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	0.00153	0.00253	**0.00826**	<0.00100
MW-10R	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	**0.00191**	**0.00299**	**0.0106**	<0.00100 J
MW-10R	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	**0.00251**	**0.00369**	**0.0117**	<0.00100
MW-10R	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	**0.0113**	**0.00257**	**0.00663**	<0.00100
MW-12	**10/20/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.00167**	<0.00100	<0.00100
MW-12	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.00117**	<0.00100	<0.00100
MW-12	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	**0.000426 J**	<0.00100	<0.00100 J
MW-12	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**10/20/2020**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-14	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100 J
MW-14	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**10/20/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**4/20/2021**	<0.0500 J	<0.0500	<0.0100	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100	<0.00500 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J
MW-16	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100 J
MW-16	**4/19/2022**	<0.0500 [<0.0500]	<0.0500 [<0.0500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 J [<0.00500]	<0.00100 J [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-16	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/17/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	**0.000122 J**
TB	**10/20/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
TB	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100 J
TB	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
TB	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Acetone mg/L	Acrolein mg/L	Acrylonitrile mg/L	Bromobenzene mg/L	Bromochloromethane mg/L	Bromodichloromethane mg/L	Bromoform mg/L	Bromomethane (Methyl bromide) mg/L	n-Butylbenzene mg/L	sec-Butylbenzene mg/L	tert-Butylbenzene mg/L	Carbon Disulfide mg/L
ADEC Groundwater Cleanup Levels		**14**	**--**	**--**	**0.062**	**--**	**0.0013**	**0.033**	**0.0075**	**1.00**	**2.00**	**0.69**	**0.81**
EB	**4/17/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
EB	**10/19/2020**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
EB	**4/20/2021**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
EB	**9/10/2021**	<0.0500	<0.0500 J	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100 J
EB	**4/19/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
EB	**8/22/2022**	<0.0500	<0.0500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Carbon Tetrachloride mg/L	Chlorobenzene mg/L	Chlorodibromo-methane (Dibromochloro-methane) mg/L	Chloroethane mg/L	Chloroform mg/L	Chloromethane mg/L	2-Chlorotoluene (o-Chlorotoluene) mg/L	4-Chlorotoluene (p-Chlorotoluene) mg/L	1,2-Dibromo-3-chloropropane mg/L	Dibromomethane (Methylene bromide) mg/L	1,2-Dichlorobenzene (o-Dichlorobenzene) mg/L	1,3-Dichlorobenzene mg/L
ADEC Groundwater Cleanup Levels		**0.0046**	**0.078**	**0.0087**	**--**	**0.0022**	**0.19**	**--**	**--**	**--**	**0.0083**	**0.3**	**0.3**
MW-5	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-5	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-5	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-5	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-5	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-5	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-7	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-7	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-7	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-7	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500 J	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-8	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-8	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-8	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-8	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-8	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500 J	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-8	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-9	**4/17/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-9	**9/10/2021**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 J [<0.00250 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 J [<0.00500 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500 J	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-9	**8/22/2022**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/17/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**10/19/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-10R	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-10R	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-10R	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-12	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00500	**0.000111 J**	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-12	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-12	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-12	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-14	**10/20/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-14	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-14	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-16	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
MW-16	**4/20/2021**	<0.00100 J	<0.00100 J	<0.00100 J	<0.00500 J	***<0.00500 J***	<0.00250 J	<0.00100 J	<0.00100 J	<0.00500	<0.00100 J	<0.00100 J	<0.00100 J
MW-16	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
MW-16	**4/19/2022**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 J [<0.00500]	***<0.00500 [<0.00500]***	<0.00250 J [<0.00250]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00500 J [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-16	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
TB	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
TB	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
TB	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
TB	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
TB	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
TB	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	Carbon Tetrachloride mg/L	Chlorobenzene mg/L	Chlorodibromo-methane (Dibromochloro-methane) mg/L	Chloroethane mg/L	Chloroform mg/L	Chloromethane mg/L	2-Chlorotoluene (o-Chlorotoluene) mg/L	4-Chlorotoluene (p-Chlorotoluene) mg/L	1,2-Dibromo-3-chloropropane mg/L	Dibromomethane (Methylene bromide) mg/L	1,2-Dichlorobenzene (o-Dichlorobenzene) mg/L	1,3-Dichlorobenzene mg/L
ADEC Groundwater Cleanup Levels		**0.0046**	**0.078**	**0.0087**	**--**	**0.0022**	**0.19**	**--**	**--**	**--**	**0.0083**	**0.3**	**0.3**
EB	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
EB	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
EB	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
EB	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250 J	<0.00100	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100
EB	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
EB	**8/22/2022**	<0.00100	<0.00100	<0.00100	<0.00500	***<0.00500***	<0.00250	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,4-Dichlorobenzene mg/L	Dichlorodifluoromethane (Freon 12) mg/L	1,1-Dichloroethane mg/L	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene) mg/L	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene) mg/L	trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene) mg/L	1,2-Dichloropropane mg/L	1,3-Dichloropropane mg/L	1,1-Dichloropropene mg/L	cis-1,3-Dichloropropene mg/L	trans-1,3-Dichloropropene mg/L
ADEC Groundwater Cleanup Levels		**0.0048**	**0.2**	**0.028**	**0.0017**	**0.28**	**0.036**	**0.36**	**0.0082**	**--**	**--**	**0.0047**	**--**
MW-5	**4/17/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**10/19/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	**10/19/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**4/17/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**10/20/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**4/17/2020**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**10/19/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**9/10/2021**	<0.00100 [<0.00100]	<0.00500 J [<0.00500 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**8/22/2022**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/17/2020**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**10/19/2020**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-10R	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-10R	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-10R	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**10/20/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**10/20/2020**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	**0.000142 J [<0.00100]**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-14	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	**0.000160 J**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**4/19/2022**	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	**8/22/2022**	<0.00100	<0.00500	<0.00100	**0.000136 J**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**10/20/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**4/20/2021**	<0.00100 J	<0.00500 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J
MW-16	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**4/19/2022**	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-16	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/17/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**10/20/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,4-Dichlorobenzene mg/L	Dichlorodifluoromethane (Freon 12) mg/L	1,1-Dichloroethane mg/L	1,2-Dichloroethane	1,1-Dichloroethene (Dichloroethylene) mg/L	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene) mg/L	trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene) mg/L	1,2-Dichloropropane mg/L	1,3-Dichloropropane mg/L	1,1-Dichloropropene mg/L	cis-1,3-Dichloropropene mg/L	trans-1,3-Dichloropropene mg/L
ADEC Groundwater Cleanup Levels		**0.0048**	**0.2**	**0.028**	**0.0017**	**0.28**	**0.036**	**0.36**	**0.0082**	**--**	**--**	**0.0047**	**--**
EB	**4/17/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**10/19/2020**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**4/20/2021**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**9/10/2021**	<0.00100	<0.00500 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**4/19/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**8/22/2022**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	2,2-Dichloropropane mg/L	Di-isopropyl ether mg/L	Hexachloro-1,3-butadiene (Hexachlorobutadiene) mg/L	Isopropylbenzene (Cumene) mg/L	p-Isopropyltoluene mg/L	2-Butanone (Methyl ethyl ketone) mg/L	Methylene chloride mg/L	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) mg/L	Naphthalene mg/L	n-Propylbenzene (Propylbenzene) mg/L	Styrene mg/L	1,1,1,2-Tetrachloroethane mg/L
ADEC Groundwater Cleanup Levels		**--**	**--**	**0.0014**	**0.45**	**--**	**5.6**	**0.11**	**6.3**	**0.0017**	**0.66**	**1.2**	**0.0057**
MW-5	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00100	0.000410 J	<0.0100	<0.00500	<0.0100	***<0.00500***	**0.000151 J**	<0.00100	<0.00100
MW-5	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00100	0.000158 J	<0.0100	<0.00500	**0.00186 J**	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	**0.000218 J**	<0.00100	<0.00100
MW-5	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-5	**4/19/2022**	<0.00100	<0.00100	<0.00100	**0.000154 J**	**0.000231 J**	<0.0100	<0.00500	<0.0100	<0.000555	**0.000469 J**	<0.00100	<0.00100
MW-5	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	**0.000187 J**	<0.0100	<0.00500	**0.000568 J**	***<0.005***	<0.00100	<0.00100	<0.00100
MW-7	**10/19/2020**	<0.00100	<0.00100	<0.00100	**0.122**	**0.0274**	<0.0100	<0.00500	<0.0100	<0.00100	**0.233**	<0.00100	<0.00100
MW-7	**4/20/2021**	<0.00100	<0.00100	<0.00100	**0.0998**	**0.00508**	<0.0100	<0.00500	<0.0100	<0.00100	**0.214**	<0.00100	<0.00100
MW-7	**9/10/2021**	<0.00100	<0.00100	<0.00100	**0.113**	**0.00392**	<0.0100	<0.00500	<0.0100	**0.146 J**	**0.262**	<0.00100	<0.00100
MW-7	**4/19/2022**	<0.00100	<0.00100	<0.00100	**0.114**	<0.00100	<0.0100	<0.00500	<0.0100	**0.0823**	**0.274**	<0.00100	<0.00100
MW-8	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-8	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-8	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	**--**	<0.00100 J	<0.00100	<0.00100
MW-8	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.005***	<0.00100	<0.00100	<0.00100
MW-9	**4/17/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [0.000110 J]	<0.00100 [<0.00100]	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	***<0.00500 [<0.00500]***	<0.00100 [0.000287 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**9/10/2021**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	***<0.00500 J [<0.00500 J]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.000555***	<0.00100 J	<0.00100	<0.00100
MW-9	**8/22/2022**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 J [<0.00100 J]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	<0.0005 [<0.0005]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/17/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	**0.0197 [0.0109]**	**0.00744 [0.000972 J]**	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	**0.0252**	**0.0547 [0.0301]**	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**10/19/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	**0.0218 [0.0215]**	**0.00778 [0.0074]**	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	**0.0502 [0.0477]**	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/20/2021**	<0.00100	<0.00100	<0.00100	**0.0123**	**0.00107**	**0.0101**	<0.00500	<0.0100	<0.00100 [<0.00100]	**0.0324**	<0.00100	<0.00100
MW-10R	**9/10/2021**	<0.00100	<0.00100	<0.00100	**0.0195**	**0.000910 J**	<0.0100	<0.00500	<0.0100	**0.0198 J**	**0.0464**	<0.00100	<0.00100
MW-10R	**4/19/2022**	<0.00100	<0.00100	<0.00100	**0.0176**	**0.00146**	<0.0100	<0.00500	<0.0100	**0.00939**	**0.0502**	<0.00100	<0.00100
MW-10R	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	**0.0124**	**0.00506**	<0.0100	<0.00500	<0.0100	**0.0141**	**0.0355**	<0.00100	<0.00100
MW-12	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-12	**4/19/2022**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-12	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.005***	<0.00100	<0.00100	<0.00100
MW-14	**10/20/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-14	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-14	**4/19/2022**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-14	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.0005***	<0.00100	<0.00100	<0.00100
MW-16	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**4/20/2021**	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.00100 J	<0.0100	<0.00500 J	<0.0100	<0.00100	<0.00100 J	<0.00100 J	<0.00100 J
MW-16	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
MW-16	**4/19/2022**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.0100 [<0.0100]	<0.00500 [<0.00500]	<0.0100 [<0.0100]	***<0.000555 [<0.000555]***	<0.00100 J [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-16	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.005***	<0.00100	<0.00100	<0.00100
TB	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500***	<0.00100	<0.00100	<0.00100
TB	**10/20/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
TB	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
TB	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	**--**	<0.00100	<0.00100	<0.00100
TB	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.005***	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	2,2-Dichloropropane mg/L	Di-isopropyl ether mg/L	Hexachloro-1,3-butadiene (Hexachlorobutadiene) mg/L	Isopropylbenzene (Cumene) mg/L	p-Isopropyltoluene mg/L	2-Butanone (Methyl ethyl ketone) mg/L	Methylene chloride mg/L	4-Methyl-2-pentanone (Methyl Isobutyl Ketone) mg/L	Naphthalene mg/L	n-Propylbenzene (Propylbenzene) mg/L	Styrene mg/L	1,1,1,2-Tetrachloroethane mg/L
ADEC Groundwater Cleanup Levels		**--**	**--**	**0.0014**	**0.45**	**--**	**5.6**	**0.11**	**6.3**	**0.0017**	**0.66**	**1.2**	**0.0057**
EB	**4/17/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500***	<0.00100	<0.00100	<0.00100
EB	**10/19/2020**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**4/20/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100
EB	**9/10/2021**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.00500 J***	<0.00100	<0.00100	<0.00100
EB	**4/19/2022**	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	<0.000555	<0.00100	<0.00100	<0.00100
EB	**8/22/2022**	<0.00100	<0.00100	<0.00100 J	<0.00100	<0.00100	<0.0100	<0.00500	<0.0100	***<0.005***	<0.00100	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,1,2,2-Tetrachloroethane mg/L	Tetrachloroethene (Tetrachloroethylene) mg/L	1,2,3-Trichlorobenzene mg/L	1,2,4-Trichlorobenzene mg/L	1,1,1-Trichloroethane mg/L	1,1,2-Trichloroethane mg/L	Trichloroethene (Trichloroethylene) mg/L	Trichlorofluoromethane (Freon 11) mg/L	1,2,3-Trichloropropane mg/L	1,1,2-Trichlorotrifluoroethane (1,1,2-Trichloro-1,2,2-trifluroethane) (Freon 113) mg/L	1,2,3-Trimethylbenzene mg/L
ADEC Groundwater Cleanup Levels		**0.00076**	**0.041**	**0.007**	**0.004**	**8**	**0.00041**	**0.0028**	**5.2**	**0.0000075**	**10**	**--**
MW-5	**4/17/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000500	<0.00100	<0.00100
MW-5	**10/19/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000125	<0.00100	<0.00100
MW-5	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	**0.000442 J**
MW-5	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	**0.000192 J**
MW-5	**4/19/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	**0.00000200 J**	<0.00100	**0.0015**
MW-5	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	**0.000182 J**
MW-7	**10/19/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00500	<0.00100	**0.32**
MW-7	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000500	<0.00100	**0.233**
MW-7	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000500	<0.00100	**0.323**
MW-7	**4/19/2022**	***<0.00100 J***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00125	<0.00100	**0.22**
MW-8	**4/17/2020**	***<0.00100***	**0.000505 J**	<0.00100 J	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-8	**10/20/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-8	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-8	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-8	**4/19/2022**	***<0.00100 J***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-8	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-9	**4/17/2020**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.00100 [0.000252 J]
MW-9	**10/19/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-9	**9/10/2021**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 J [<0.00100 J]	<0.00100 J [<0.00100 J]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-9	**4/19/2022**	***<0.00100 J***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-9	**8/22/2022**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-10R	**4/17/2020**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.000500 [<0.0000500]	<0.00100 [<0.00100]	**0.0371 [0.0118]**
MW-10R	**10/19/2020**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.000500 [<0.000500]	<0.00100 [<0.00100]	**0.0387 [0.0368]**
MW-10R	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.0000500	<0.00100	**0.013**
MW-10R	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.0000500	<0.00100	**0.0309**
MW-10R	**4/19/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000125	<0.00100	**0.0238**
MW-10R	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.000250	<0.00100	**0.0154**
MW-12	**10/20/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.0000500	<0.00100	<0.00100
MW-12	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-12	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-12	**4/19/2022**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-12	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-14	**10/20/2020**	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-14	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-14	**4/19/2022**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-14	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
MW-16	**10/20/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.0000500	<0.00100	<0.00100
MW-16	**4/20/2021**	***<0.00100***	<0.00100 J	<0.00100	<0.00100 J	<0.00100 J	***<0.00100***	<0.00100 J	<0.00500 J	<0.00000500	<0.00100 J	<0.00100 J
MW-16	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100 J
MW-16	**4/19/2022**	***<0.00100 J [<0.00100]***	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	<0.00100 [<0.00100]	<0.00500 [<0.00500]	<0.00000500 [<0.00000500]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
MW-16	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500 J	<0.00100	<0.00100
TB	**4/17/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
TB	**10/20/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
TB	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
TB	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
TB	**4/19/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
TB	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,1,2,2-Tetrachloroethane mg/L	Tetrachloroethene (Tetrachloroethylene) mg/L	1,2,3-Trichlorobenzene mg/L	1,2,4-Trichlorobenzene mg/L	1,1,1-Trichloroethane mg/L	1,1,2-Trichloroethane mg/L	Trichloroethene (Trichloroethylene) mg/L	Trichlorofluoromethane (Freon 11) mg/L	1,2,3-Trichloropropane mg/L	1,1,2-Trichlorotrifluoroethane (1,1,2-Trichloro-1,2,2-trifluroethane) (Freon 113) mg/L	1,2,3-Trimethylbenzene mg/L
ADEC Groundwater Cleanup Levels		**0.00076**	**0.041**	**0.007**	**0.004**	**8**	**0.00041**	**0.0028**	**5.2**	**0.0000075**	**10**	**--**
EB	**4/17/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
EB	**10/19/2020**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
EB	**4/20/2021**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
EB	**9/10/2021**	***<0.00100***	<0.00100	<0.00100 J	<0.00100 J	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
EB	**4/19/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100
EB	**8/22/2022**	***<0.00100***	<0.00100	<0.00100	<0.00100	<0.00100	***<0.00100***	<0.00100	<0.00500	<0.00000500	<0.00100	<0.00100

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,2,4-Trimethylbenzene mg/L	1,3,5-Trimethylbenzene mg/L	Vinyl Chloride mg/L	Comments
ADEC Groundwater Cleanup Levels		**0.056**	**0.06**	**0.00019**	
MW-5	**4/17/2020**	**0.000405 J**	<0.00100	***<0.00100***	
MW-5	**10/19/2020**	<0.00100	<0.00100	***<0.00100***	
MW-5	**4/20/2021**	**0.00121**	**0.000253 J**	***<0.00100***	
MW-5	**9/10/2021**	**0.000607 J**	**0.000114 J**	***<0.00100 J***	
MW-5	**4/19/2022**	**0.00585**	**0.000642 J**	***<0.00100***	
MW-5	**8/22/2022**	**0.000830 J**	<0.00100	***<0.00100***	
MW-7	**10/19/2020**	**1.64**	**0.358**	***<0.00100***	
MW-7	**4/20/2021**	**1.6**	**0.415**	***<0.00100***	
MW-7	**9/10/2021**	**2.04**	**0.513**	***<0.00100 J***	
MW-7	**4/19/2022**	**1.72**	**0.506**	***<0.00100 J***	
MW-8	**4/17/2020**	<0.00100	<0.00100	***<0.00100***	
MW-8	**10/20/2020**	<0.00100	<0.00100	***<0.00100***	
MW-8	**4/20/2021**	<0.00100	<0.00100	***<0.00100***	
MW-8	**9/10/2021**	<0.00100	<0.00100	***<0.00100 J***	
MW-8	**4/19/2022**	<0.00100 J	<0.00100	***<0.00100 J***	
MW-8	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	
MW-9	**4/17/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	
MW-9	**10/19/2020**	<0.00100	<0.00100	***<0.00100***	
MW-9	**9/10/2021**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 J [<0.00100 J]***	
MW-9	**4/19/2022**	<0.00100 J	<0.00100	***<0.00100 J***	
MW-9	**8/22/2022**	<0.00100 [0.000390 J]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	
MW-10R	**4/17/2020**	**0.248 [0.114]**	**0.0382 [0.0178]**	***<0.00100 [<0.00100]***	
MW-10R	**10/19/2020**	**0.199 [0.197]**	**0.0321 [0.0306]**	***<0.00100 [<0.00100]***	
MW-10R	**4/20/2021**	**0.104**	**0.0197**	***<0.00100***	
MW-10R	**9/10/2021**	**0.262**	**0.0309**	***<0.00100 J***	
MW-10R	**4/19/2022**	**0.208**	**0.0341**	***<0.00100***	
MW-10R	**8/22/2022**	**0.15**	**0.0211**	***<0.00100***	
MW-12	**10/20/2020**	<0.00100	<0.00100	***<0.00100***	
MW-12	**4/20/2021**	<0.00100	<0.00100	***<0.00100***	
MW-12	**9/10/2021**	<0.00100	<0.00100	***<0.00100 J***	
MW-12	**4/19/2022**	--	--	--	
MW-12	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	
MW-14	**10/20/2020**	<0.00100 [<0.00100]	<0.00100 [<0.00100]	***<0.00100 [<0.00100]***	
MW-14	**9/10/2021**	<0.00100	<0.00100	***<0.00100 J***	
MW-14	**4/19/2022**	--	--	--	
MW-14	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	
MW-16	**10/20/2020**	<0.00100	<0.00100	***<0.00100***	
MW-16	**4/20/2021**	<0.00100 J	<0.00100 J	***<0.00100 J***	
MW-16	**9/10/2021**	<0.00100 J	<0.00100	***<0.00100 J***	
MW-16	**4/19/2022**	<0.00100 J [<0.00100]	<0.00100 [<0.00100]	***<0.00100 J [<0.00100]***	
MW-16	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	
TB	**4/17/2020**	<0.00100	<0.00100	***<0.00100***	
TB	**10/20/2020**	<0.00100	<0.00100	***<0.00100***	
TB	**4/20/2021**	<0.00100	<0.00100	***<0.00100***	
TB	**9/10/2021**	<0.00100	<0.00100	***<0.00100 J***	
TB	**4/19/2022**	<0.00100	<0.00100	***<0.00100***	
TB	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Well ID	Sample Date	1,2,4-Trimethylbenzene mg/L	1,3,5-Trimethylbenzene mg/L	Vinyl Chloride mg/L	Comments
ADEC Groundwater Cleanup Levels		**0.056**	**0.06**	**0.00019**	
EB	**4/17/2020**	<0.00100	<0.00100	***<0.00100***	
EB	**10/19/2020**	<0.00100	<0.00100	***<0.00100***	
EB	**4/20/2021**	<0.00100	<0.00100	***<0.00100***	
EB	**9/10/2021**	<0.00100	<0.00100	***<0.00100 J***	
EB	**4/19/2022**	<0.00100	<0.00100	***<0.00100***	
EB	**8/22/2022**	<0.00100	<0.00100	***<0.00100***	

Table 5. Historical Groundwater Analytical Results - Additional VOCs
Second Quarter 2020 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Lane,
Anchorage, Alaska

Notes:
ID = Identification
MW = Groundwater monitoring well
mg/L = Milligrams per liter
<0.00100 = 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
J = The associated numerical value is an estimated concentration only
B = Compound considered non-detect at the listed value due to associated blank contamination.
[ ] = Blind Duplicate Sample Result
ADEC = Alaska Department of Environmental Conservation
Constituents analyzed by United States Environmental Protection Agency Method 8260D

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)Pyrene (mg/L)	Benzo(b)Fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)Fluoranthene (mg/L)	2-Chloronaphthalene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)
ADEC Groundwater Clea		**2.2**	**2.2**	**11**	**0.0012**	**0.0002**	**0.0012**	**1.1**	**0.012**		**0.12**	**0.00012**	**1.5**
MW-5	6/11/2004	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/22/2004	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/18/2005	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/17/2006	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/23/2006	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/29/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/17/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/11/2010	**0.00096**	**0.0015**	**0.0008**	**0.0022**	**0.0016**	**0.0051**	**0.0014**	**0.0017**	**0.0043**	**0.0043**	**0.00025**	**0.0056**
MW-5	9/7/2010	<0.0010	<0.0010	<0.0010	**0.0024**	**0.0016**	**0.0034**	**0.0029**	<0.0010	**0.0041**	**0.0041**	<0.0010	**0.0066**
MW-5	4/20/2011	<0.000190	<0.000190	<0.000190	**0.00033**	**0.00032**	**0.00085**	**0.00066**	<0.000190	**0.00086**	**0.00086**	<0.000190	**0.00089**
MW-5	9/28/2011	**0.00013**	**0.000072**	<0.0000110	**0.00021**	**0.00013**	**0.00031**	**0.00021**	**0.00014**	**0.00043**	**0.00043**	**0.000033**	**0.00046**
MW-5	5/21/2012	<0.0000960	<0.0000960	<0.0000960	**0.0021**	**0.0013**	**0.0025**	**0.0019**	**0.0011**	**0.0036**	**0.0036**	**0.00023**	**0.0045**
MW-5	9/18/2012	**0.0000890 J**	**0.000130 J**	**0.000110 J**	**0.00033**	**0.000240J**	**0.0004**	**0.000220J**	**0.000240J**	**0.00049**	**0.00049**	**0.0000670J**	**0.00064**
MW-5	5/7/2013	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.000110/ <0.000110	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430
MW-5	9/16/2013	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400
MW-5	5/5/2014	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430
MW-5	9/3/2014	**0.000048**	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400
MW-5	4/16/2015	**0.000140 J**	**0.000230 J**	**0.000410 J**	**0.00082**	**0.00072**	**0.0019**	**0.0011**	**0.00052**	**0.0025**	**0.0025**	**0.000130J**	**0.002**
MW-5	10/29/2015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00010J**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
MW-5	4/19/2016	**0.00050 J**	**0.00036 J**	<0.00026	**0.0012 J**	**0.0012 J**	**0.0031**	**0.0018**	**0.00074 J**	**0.0038**	**0.0038**	**0.00028 J**	**0.0032**
MW-5	9/23/2016	**0.00010**	<0.0000095	<0.0000095	<0.0000095	<0.0000095	**0.000010 J**	**0.000012 J**	<0.0000095	<0.0000095	<0.0000095	<0.0000095	**0.000010 J**
MW-5	5/8/2017	**0.00057 / 0.00032 J**	**0.00055 / 0.00062**	**0.0017 / 0.0013**	**0.0013 J / 0.0019 J**	**0.0015 / 0.0018**	**0.0040 / 0.0050**	**0.0016 / 0.0020**	**0.00097 / 0.0012**	**0.0041 / 0.0048**	**0.0041 / 0.0048**	**0.00021 J / 0.00030 J**	**0.0033 / 0.0039**
MW-5	10/2/2017	<0.0000095 / <0.0000095	<0.0000095 / 0.000011 J	<0.0000095 / <0.0000095	**0.000018 J / 0.000011 J**	**0.000052 / 0.00003 J**	**0.00014 J / 0.00007 J**	**0.00011 J / 0.000049**	**0.000031 J / 0.000015 J**	**0.00013 J / 0.000064 J**	**0.00013 J / 0.000064 J**	0.000012 J / <0.0000095	**0.00005 / 0.000031 J**
MW-5	5/24/2018	<0.00001	**0.00001 J**	<0.00001	**0.00003 J**	**0.00003 J**	**0.00008**	**0.00008**	**0.00002 J**	**0.00008**	**0.00008**	<0.00001	**0.00004 J**
MW-5	9/14/2018	**0.00002 J**	<0.00001	**0.00003 J**	**0.00005 J**	**0.00007**	**0.0001**	**0.0002**	**0.00003 J**	**0.0001**	**0.0001**	**0.00002 J**	**0.00008**
MW-5	4/26/2019	<0.00001	<0.00001	<0.00001	<0.00001	**0.00001 J**	**0.00002 J**	**0.00002 J**	<0.00001	**0.00003 J**	**0.00003 J**	<0.00002	<0.00001
MW-5	9/23/2019	<0.000023	**0.000024 J**	<0.000026	**0.000012 J**	**0.000026 J**	<0.000011	**0.000062 J**	<0.000015	**0.000052 J**	**0.000052 J**	<0.000013	**0.000026 J**
MW-5	4/17/2020	<0.0000500	<0.0000500	**0.0000605**	**0.0000357 J**	**0.0000353 J**	**0.0000652**	**0.0000845**	<0.000250	**0.0000398 J**	**0.0000398 J**	<0.0000500	**0.0000941**
MW-5	10/19/2020	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500 B
MW-5	4/20/2021	<0.0000555	<0.0000555	<0.0000555	**0.0000254 J**	**0.0000226 J**	**0.0000542 J**	**0.0000727**	<0.000278	**0.0000263 J**	**0.0000263 J**	<0.0000555	<0.0000555 B
MW-5	9/10/2021	<0.0000555	<0.0000555	<0.0000555	**0.0000311 J**	**0.0000231 J**	<0.0000555 B	**0.0000638**	<0.000278	**0.0000322 J**	**0.0000322 J**	<0.0000555	<0.0000555 B
MW-5	4/19/2022	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	**0.0000217 J**	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555 B
MW-5	8/22/2022	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.000263	<0.0000525	<0.0000525	<0.0000525	**0.0000122 J**
MW-7	5/17/2006	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/2006	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/16/2007	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/14/2008	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/29/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/17/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/11/2010	**0.00012**	**0.000061**	**0.000011**	<0.00000950	<0.00000950	**0.000012**	<0.00000950	<0.00000950	**0.00001**	**0.00001**	<0.00000950	**0.000018**
MW-7	9/7/2010	**0.00014**	**0.00007**	**0.000058**	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	**0.000012**
MW-7	4/20/2011	**0.00019**	**0.000097**	**0.000021**	<0.00000960	<0.00000960	**0.000017**	**0.00001**	<0.00000960	**0.000017**	**0.000017**	<0.00000960	**0.00003**
MW-7	9/28/2011	**0.00014**	<0.000080	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960
MW-7	5/21/2012	**0.00018**	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980	<0.0000980
MW-7	9/18/2012	**0.00011**	**0.000066**	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980
MW-7	5/7/2013	**0.00014/0.000088**	<0.0000420/ <0.0000440	0.000044/ <0.0000440	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440	<0.000100/ <0.000110	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440
MW-7	9/16/2013	**0.00014**	**0.000081**	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440
MW-7	5/2/2014	**0.00018/0.00012**	**0.000082/0.000056**	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430	<0.0000420/ <0.0000430
MW-7	9/3/2014	**0.00015**	**0.000056**	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420
MW-7	4/16/2015	**0.00022**	**0.0001**	**0.0000280 J**	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	**0.0000100J**	**0.0000100J**	<0.00000980	**0.0000200 J**
MW-7	10/29/2015	**0.00030 J**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
MW-7	4/19/2016	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/2016	**0.00016 J / 0.00025 J**	**0.000070 / 0.000080**	**0.000016 J / 0.000018 J**	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	<0.0000098/<0.0000097	**0.000016 J / 0.000013 J**
MW-7	5/8/2017										Inaccessible		
MW-7	10/2/2017	**0.00012**	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095
MW-7	5/24/2018	**0.0001 / 0.0001**	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001
MW-7	9/14/2018	**0.0001 J / 0.0002 J**	**0.00008 / 0.00009**	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00002 / <0.00002	<0.00001 / <0.00001
MW-7	4/25/2019	<0.00001	**0.0002**	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00001
MW-7	9/23/2019	**0.00011**	**0.000050 J**	**0.000027 J**	<0.000012	<0.000012	<0.000011	<0.000022	<0.000015	<0.000010	<0.000010	<0.000013	<0.000017
MW-7	10/19/2020	**0.0000798**	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500 B
MW-7	4/20/2021	**0.0000708**	<0.0000500	<0.0000500	<0.0000500	**0.0000221 J**	<0.0000500	**0.0000414 J**	<0.000250	<0.0000500	<0.0000500	**0.0000278 J**	<0.0000500
MW-7	9/10/2021	**0.000148**	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555 B

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)Pyrene (mg/L)	Benzo(b)Fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)Fluoranthene (mg/L)	2-Chloronaphthalene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)
ADEC Groundwater Clea		**2.2**	**2.2**	**11**	**0.0012**	**0.0002**	**0.0012**	**1.1**	**0.012**		**0.12**	**0.00012**	**1.5**
MW-7	4/19/2022	**0.000107**	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555
MW-7	8/22/2022	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/17/2020	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/29/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/17/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/20/2011	**0.00013**	**0.000033**	<0.00000980	<0.00000980	<0.00000980	**0.000013**	**0.000011**	<0.00000980	**0.000014**	**0.000014**	<0.00000980	**0.000022**
MW-9	9/28/2011	**0.00014**	<0.000020	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	<0.00000960	**0.000014**
MW-9	5/21/2012	**0.00015**	**0.000026**	<0.0000110	<0.0000110	<0.0000110	**0.000018**	**0.000013**	<0.0000110	**0.000022**	**0.000022**	<0.0000110	**0.00002**
MW-9	9/18/2012	**0.00013**	**0.0000310J**	<0.00000970	<0.00000970	<0.00000970	**0.0000120J**	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	**0.0000120 J**
MW-9	5/7/2013	**0.000088**	<0.0000430	<0.0000420	<0.0000430	<0.0000430	<0.000100	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000430
MW-9	5/7/2013	**0.000082**	<0.0000420	<0.0000430	<0.0000420	<0.0000420	<0.000110	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000420
MW-9	9/16/2013	**0.00015**	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410
MW-9	5/5/2014	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430
MW-9	5/5/2014	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430	<0.0000430
MW-9	9/3/2014	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	**0.000071**	**0.000085**	<0.0000420	**0.00011**	**0.00011**	<0.0000420	**0.000086**
MW-9	4/16/2015	**0.00015**	**0.0000220J**	<0.00000940	<0.00000940	**0.0000110 J**	**0.0000300J**	**0.0000280J**	**0.0000100J**	**0.000048**	**0.000048**	<0.00000940	**0.0000330 J**
MW-9	10/29/2015	**0.00020 J**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
MW-9	4/19/2016	**0.00017**	**0.000017 J**	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097
MW-9	9/23/2016	<0.000095	<0.000095	**0.000096 J**	**0.00043 J**	**0.00047 J**	**0.0010**	**0.00084**	**0.00043 J**	**0.0013**	**0.0013**	**0.00011 J**	**0.0010**
MW-9	5/8/2017	**0.00013**	**0.000014 J**	<0.0000095	<0.0000095	<0.0000095	**0.000018 J**	<0.0000095	<0.0000095	**0.000019 J**	**0.000019 J**	<0.0000095	**0.000019 J**
MW-9	10/2/2017	**0.000011 J**	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097	<0.0000097
MW-9	5/24/2018	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
MW-9	9/14/2018	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00001
MW-9	4/25/2019	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00001
MW-9	9/23/2019	<0.000022	<0.000016	<0.000025	<0.000012	<0.000012	<0.000011	<0.000021	<0.000015	<0.000010	<0.000010	<0.000013	<0.000017
MW-9	4/17/2020	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.000250 [<0.000250]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]
MW-9	10/19/2020	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500 B
MW-9	4/20/2021	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/10/2021	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [0.0000318 J]	<0.0000555 [0.0000255 J]	<0.0000555 [<0.0000555 B]	<0.0000555 [0.0000383 J]	<0.000278 [0.0000283 J]	<0.0000555 [0.0000272 J]	<0.0000555 [0.0000272 J]	<0.0000555 [<0.0000555]	<0.0000555 B [<0.0000555 B]
MW-9	4/19/2022	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555
MW-9	8/22/2022	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.000263 [<0.000263 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]
MW-10R	9/28/2011	**0.00053**	<0.000390	<0.00000950	**0.000031**	**0.000017**	**0.00003**	**0.000024**	**0.000017**	**0.000018**	**0.000018**	<0.00000950	**0.000059**
MW-10R	5/21/2012	**0.00041**	**0.00029**	**0.000079**	**0.000028**	<0.00000970	**0.000011**	**0.000019**	<0.00000970	**0.000024**	**0.000024**	<0.00000970	**0.000096**
MW-10R	9/18/2012	**0.00027**	**0.00015**	**0.0000190 J**	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	<0.00000980	**0.0000190 J**
MW-10R	5/7/2013	**0.000087**	<0.0000450	<0.0000440	<0.0000450	<0.0000450	<0.000110	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000440	<0.0000450
MW-10R	5/7/2013	**0.000077**	<0.0000440	<0.0000450	<0.0000440	<0.0000440	<0.000110	<0.0000450	<0.0000450	<0.0000450	<0.0000450	<0.0000450	<0.0000440
MW-10R	9/16/2013	**0.00017**	**0.000085**	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420
MW-10R	5/2/2014	**0.00014**	**0.00007**	<0.0000420	<0.0000420	<0.0000420	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000410	<0.0000420
MW-10R	5/2/2014	**0.00019**	**0.000079**	<0.0000410	<0.0000410	<0.0000410	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000410
MW-10R	9/3/2014	**0.0002**	**0.000083**	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400
MW-10R	4/16/2015	**0.00063**	**0.00039**	**0.00025**	**0.00015**	**0.0000350 J**	**0.0000380J**	**0.0000320J**	**0.0000260J**	**0.00012**	**0.00012**	<0.00000960	**0.00036**
MW-10R	10/29/2015	**0.00030 J**	<0.00010	<0.00010	**0.00020 J**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00020 J**
MW-10R	4/19/2016	**0.00034**	**0.00012 J**	**0.000094 J**	**0.00011 J**	<0.000052	<0.000052	<0.000052	<0.000052	**0.000082 J**	**0.000082 J**	<0.000052	**0.00019 J**
MW-10R	9/23/2016	**0.000087**	**0.000023 J**	**0.000011 J**	**0.00002 J**	<0.0000098	<0.0000098	<0.0000098	<0.0000098	**0.000015 J**	**0.000015 J**	<0.0000098	**0.000036 J**
MW-10R	5/8/2017	**0.00069**	**0.00034 J**	**0.00026 J**	**0.00028 J**	<0.00010	**0.00041 J**	**0.00016 J**	**0.00014 J**	**0.00026 J**	**0.00026 J**	<0.00010	**0.00047 J**
MW-10R	10/2/2017	**0.000095**	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	<0.0000095	**0.000012 J**
MW-10R	5/24/2018	**0.00004 J**	**0.00002 J**	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	**0.00001 J**	**0.00001 J**	<0.00001	**0.00001 J**
MW-10R	9/14/2018	**0.00006**	**0.00004 J**	**0.00001 J**	**0.00001 J**	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00001
MW-10R	4/25/2019	<0.00001	**0.00006**	**0.00001 J**	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	**0.00001 J**
MW-10R	9/23/2019	**0.000050 J**	**0.000024 J**	<0.000026	<0.000012	<0.000012	<0.000011	<0.000022	<0.000015	<0.000010	<0.000010	<0.000013	**0.000018 J**
MW-10R	4/17/2020	**0.0000201 J**	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500
MW-10R	10/19/2020	**0.0000232 J [0.0000292 J]**	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.000250 [<0.000250]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500 B]
MW-10R	4/20/2021	**0.0000295 J [0.0000288 J]**	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.000278 [<0.000278]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]
MW-10R	9/10/2021	**0.0000376 J**	<0.0000555	<0.0000555	**0.0000276 J**	<0.0000555	<0.0000555 B	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555 B
MW-10R	4/19/2022	**0.0000242 J**	<0.0000555	<0.0000555	<0.0000555 B	<0.0000555	<0.0000555 B	<0.0000555	**0.0000320 J**	<0.0000555 B	<0.0000555 B	<0.0000555	<0.0000555 B
MW-10R	8/22/2022	**0.0000206 J**	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.000263	<0.0000525	<0.0000525	<0.0000525	**0.0000145 J**
MW-12	5/29/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/18/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/20/2011	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970	<0.00000970

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)Pyrene (mg/L)	Benzo(b)Fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)Fluoranthene (mg/L)	2-Chloronaphthalene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)
ADEC Groundwater Clea		**2.2**	**2.2**	**11**	**0.0012**	**0.0002**	**0.0012**	**1.1**	**0.012**		**0.12**	**0.00012**	**1.5**
MW-13	5/31/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/18/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/23/2016	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	5/8/2017	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/13/2018	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	4/25/2019	-- [<0.00001]	-- [<0.00001]	-- [<0.00001]	**-- [0.00002 J]**	**-- [0.00004 J]**	**-- [0.00007]**	**-- [0.00007]**	**-- [0.00002 J]**	**-- [0.00004 J]**	**-- [0.00004 J]**	-- [<0.00002]	**-- [0.00005]**
MW-13	4/20/2021	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/10/2021	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/31/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/18/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/23/2016	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2017	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/24/2018	<0.00001	<0.00001	<0.00001	<0.00001 J	<0.00002 J	<0.00004 J	<0.00004 J	<0.00001 J	<0.00002 J	<0.00002 J	<0.00001	**0.00003 J**
MW-16	9/13/2018	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00002 / <0.00002	<0.00001 / <0.00001
MW-16	9/18/2009	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/23/2016	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2017	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/24/2018	<0.00001	<0.00001	<0.00001	<0.00001 J	<0.00002 J	<0.00004 J	<0.00004 J	<0.00001 J	<0.00002 J	<0.00002 J	<0.00001	**0.00003 J**
MW-16	9/13/2018	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00001 / <0.00001	<0.00002 / <0.00002	<0.00001 / <0.00001
MW-16	4/25/2019	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/23/2019	<0.000024	<0.000017	<0.000027	<0.000013	**0.000017 J**	**0.000033 J**	<0.000023	<0.000016	**0.000012 J**	**0.000012 J**	<0.000014	**0.000030 J**
MW-16	10/20/2020	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500
MW-16	4/20/2021	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555
MW-16	9/10/2021	<0.0000555	<0.0000555	<0.0000555	**0.0000282 J**	<0.0000555	<0.0000555 B	**0.0000359 J**	**0.0000246 J**	**0.0000283 J**	**0.0000283 J**	<0.0000555	<0.0000555 B
MW-16	4/19/2022	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.000278 [<0.000278]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]
MW-16	8/22/2022	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500
MW-17	9/23/2019	--	--	--	--	--	--	--	--	--	--	--	--
TB	4/16/2019	--	--	--	--	--	--	--	--	--	--	--	--
TB	9/23/2019	--	--	--	--	--	--	--	--	--	--	--	--
TB	4/17/2020	--	--	--	--	--	--	--	--	--	--	--	--
TB	4/19/2022	--	--	--	--	--	--	--	--	--	--	--	--
TB	8/22/2022	--	--	--	--	--	--	--	--	--	--	--	--
EB	4/17/2020	<0.0000520	<0.0000520	<0.0000520	<0.0000520	<0.0000520	<0.0000520	<0.0000520	<0.000260	<0.0000520	<0.0000520	<0.0000520	<0.0000520
EB	10/19/2020	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.0000500	<0.0000500	<0.0000500	**0.0000112 J**
EB	4/20/2021	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	**0.0000130 J**
EB	9/10/2021	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	**0.0000212 J**	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	**0.0000225**
EB	4/19/2022	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.0000555	<0.000278	<0.0000555	<0.0000555	<0.0000555	<0.0000555
EB	8/22/2022	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.000263	<0.0000525	<0.0000525	**0.0000199 J**	<0.0000525

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthlalene (mg/L)	2-Methylnaphthlalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)
ADEC Groundwater Clea		**1.5**	**0.0012**	**0.0062**	**0.0061**	**0.73**	**11**	**1.1**
MW-5	6/11/2004	--	--	--	--	--	--	--
MW-5	9/22/2004	--	--	--	--	--	--	--
MW-5	5/18/2005	--	--	--	--	--	--	--
MW-5	9/28/2005	--	--	--	--	--	--	--
MW-5	5/17/2006	--	--	--	--	--	--	--
MW-5	9/23/2006	--	--	--	--	--	--	--
MW-5	5/29/2009	--	--	--	--	--	--	--
MW-5	9/17/2009	--	--	--	--	--	--	--
MW-5	5/11/2010	**0.0031**	**0.00079**	--	--	**0.0067**	**0.0035**	**0.0068**
MW-5	9/7/2010	<0.0010	**0.0011**	--	--	**0.0027**	**0.004**	**0.0057**
MW-5	4/20/2011	**0.00042**	**0.00029**	--	--	**0.00058**	**0.00062**	**0.001**
MW-5	9/28/2011	**0.0003**	**0.000088**	--	--	**0.00076**	**0.00054**	**0.00065**
MW-5	5/21/2012	**0.002**	**0.00069**	--	--	**0.0046**	**0.0046**	**0.0056**
MW-5	9/18/2012	**0.0000870J**	**0.000120 J**	--	--	**0.00044**	**0.000170J**	**0.00071**
MW-5	5/7/2013	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430	<0.0000440/ <0.0000430
MW-5	9/16/2013	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400	<0.0000400
MW-5	5/5/2014	0.000065/ <0.0000430	<0.0000400/ <0.0000430	0.00082/ <0.0000430	0.00024/ <0.0000430	**0.0002/0.000059**	<0.0000400/ <0.0000430	<0.0000400/ <0.0000430
MW-5	9/3/2014	**0.000054**	<0.0000400	**0.00065**	**0.00046**	**0.0019**	<0.0000400	<0.0000400
MW-5	4/16/2015	**0.00062**	**0.000430 J**	--	--	**0.00084**	**0.0014**	**0.0025**
MW-5	10/29/2015	<0.00010	<0.00010	--	--	<0.00010	<0.00010	<0.00010
MW-5	4/19/2016	**0.00080 J**	**0.00075 J**	--	--	**0.00085 J**	**0.0025**	**0.0050**
MW-5	9/23/2016	**0.00012**	<0.0000095	--	--	**0.00081**	<0.000029	**0.000013 J**
MW-5	5/8/2017	**0.0011 / 0.0014**	**0.00070 / 0.00080**	--	--	**0.0013 / 0.0014**	**0.0028 J / 0.0037 J**	**0.0062 / 0.010**
MW-5	10/2/2017	<0.0000095 / <0.0000095	**0.000037 J / 0.000018 J**			<0.000029 / <0.000029	<0.000029 / <0.000029	**0.00012 J / 0.000052 J**
MW-5	5/24/2018	**0.00002 J**	**0.00003 UJ**			<0.00003	<0.00003	**0.00009**
MW-5	9/14/2018	<0.00001	**0.00008**	--	--	**0.00006 J**	**0.00005 J**	**0.0001**
MW-5	4/26/2019	<0.00001	**0.00001 J**	--	--	**0.00004 J**	<0.00003	**0.00003 J**
MW-5	9/23/2019	<0.000016	<0.000023	<0.000024	<0.000045	<0.000054	<0.000057	**0.000077 J**
MW-5	4/17/2020	**0.0000255 J**	**0.0000231 J**	<0.000500	<0.000500	<0.00050	**0.0000742**	**0.000152**
MW-5	10/19/2020	<0.0000500	<0.0000500	<0.000500	<0.000500	<0.000500	<0.0000500	**0.0000201 J**
MW-5	4/20/2021	<0.0000555	**0.0000309 J**	<0.000555	<0.000555	<0.000555	<0.0000555	**0.0000957**
MW-5	9/10/2021	<0.0000555	**0.0000261 J**	<0.000555	<0.000555	<0.000555	<0.0000555 B	<0.0000555 B
MW-5	4/19/2022	<0.0000555	<0.0000555	**0.0000628 J**	<0.000555	<0.000555	<0.0000555	<0.0000555 B
MW-5	8/22/2022	<0.0000525	<0.0000525	**0.0000262 J**	<0.000525	<0.000525	<0.0000525	<0.0000525
MW-7	5/17/2006	--	--	--	--	--	--	--
MW-7	9/23/2006	--	--	--	--	--	--	--
MW-7	5/16/2007	--	--	--	--	--	--	--
MW-7	9/14/2008	--	--	--	--	--	--	--
MW-7	5/29/2009	--	--	--	--	--	--	--
MW-7	9/17/2009	--	--	--	--	--	--	--
MW-7	5/11/2010	**0.00007**	<0.00000950	--	--	**0.45**	**0.000092**	**0.000013**
MW-7	9/7/2010	**0.000076**	<0.000010	--	--	**0.45**	**0.00007**	<0.000010
MW-7	4/20/2011	**0.00013**	<0.00000960	--	--	**0.39**	**0.0001**	**0.000032**
MW-7	9/28/2011	**0.000065**	<0.00000960	--	--	**0.38**	**0.000036**	<0.00000960
MW-7	5/21/2012	<0.0000980	<0.0000980	--	--	**0.37**	<0.000290	<0.0000980
MW-7	9/18/2012	**0.00006**	<0.00000980	--	--	**0.34**	**0.0000410 J**	<0.00000980
MW-7	5/7/2013	0.000054/ <0.0000440	<0.0000420/ <0.0000440	**0.0446/0.0225**	**0.0589/0.0257**	**0.352/0.208**	<0.0000420/ <0.0000440	<0.0000420/ <0.0000440
MW-7	9/16/2013	**0.000078**	<0.0000440	**0.0383**	**0.0568**	**0.336**	<0.0000440	<0.0000440
MW-7	5/2/2014	**0.000083/0.000054**	<0.0000420/ <0.0000430	**0.0398/0.0282**	**0.0544/0.0387**	**0.241/0.183**	0.000044/ <0.0000430	<0.0000420/ <0.0000430
MW-7	9/3/2014	**0.000074**	<0.0000420	**0.0334**	**0.053**	**0.25**	**0.000057**	<0.0000420
MW-7	4/16/2015	**0.00014**	<0.00000980	--	--	**0.3**	**0.00015**	**0.0000230 J**
MW-7	10/29/2015	**0.00020J**	<0.00010	--	--	**0.3**	**0.00030 J**	<0.00010
MW-7	4/19/2016	--	--	--	--	--	--	--
MW-7	9/23/2016	**0.000090 / 0.00011**	<0.0000098/<0.0000097	--	--	**0.27 / 0.27**	**0.00011 / 0.00011**	**0.000016 J / 0.000016 J**
MW-7	5/8/2017							
MW-7	10/2/2017	**0.000055**	<0.0000095	--	--	**0.17**	**0.000032 J**	<0.0000095
MW-7	5/24/2018	**0.00006 / 0.00006**	<0.00001 / <0.00001	--	--	**0.20 / 0.19**	**0.00003 J / 0.00003 J**	<0.00002 / <0.00002
MW-7	9/14/2018	**0.00007 / 0.00007**	<0.00001 / <0.00001	--	--	**0.20 / 0.20**	**0.00004 J / 0.00004 J**	<0.00001 / <0.00001
MW-7	4/25/2019	**0.00009**	<0.00001	--	--	**0.19**	**0.00005 J**	<0.00001
MW-7	9/23/2019	**0.000061 J**	<0.000023	**0.025**	**0.034**	**0.15 D**	<0.000058	<0.000027
MW-7	10/19/2020	**0.0000358 J**	<0.0000500	**0.0199**	**0.0258**	**0.122**	**0.0000230 J**	<0.0000500
MW-7	4/20/2021	**0.0000319 J**	**0.0000350 J**	**0.0174**	**0.0218**	**0.0708**	**0.0000237 J**	<0.0000500
MW-7	9/10/2021	**0.0000631**	<0.0000555	**0.0317**	**0.041**	**0.138**	<0.0000555 B	<0.0000555 B

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthlalene (mg/L)	2-Methylnaphthlalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)
ADEC Groundwater Clea		**1.5**	**0.0012**	**0.0062**	**0.0061**	**0.73**	**11**	**1.1**
MW-7	4/19/2022	**0.0000486 J**	<0.0000555	**0.0262**	**0.035**	**0.0823**	<0.0000555 B	<0.0000555
MW-7	8/22/2022	--	--	--	--	--	--	--
MW-8	4/17/2020	--	--	--	--	--	--	--
MW-9	5/29/2009	--	--	--	--	--	--	--
MW-9	9/17/2009	--	--	--	--	--	--	--
MW-9	4/20/2011	**0.00023**	<0.00000980	--	--	**0.015**	**0.000046**	**0.000013**
MW-9	9/28/2011	**0.00027**	<0.00000960	--	--	**0.012**	**0.00003**	**0.000014**
MW-9	5/21/2012	**0.00028**	<0.0000110	--	--	**0.0077**	**0.000061**	**0.000023**
MW-9	9/18/2012	**0.00025**	<0.00000970	--	--	**0.0081**	**0.0000320 J**	**0.0000150 J**
MW-9	5/7/2013	**0.000095**	<0.0000430	**0.00089**	**0.0003**	**0.00076**	<0.0000420	<0.0000430
MW-9	5/7/2013	**0.00011**	<0.0000420	**0.00075**	**0.00017**	**0.0025**	<0.0000430	<0.0000420
MW-9	9/16/2013	**0.00021**	<0.0000410	**0.0015**	**0.00045**	**0.0037**	<0.0000410	<0.0000410
MW-9	5/5/2014	<0.0000430	<0.0000430	**0.00021**	**0.000067**	**0.00045**	<0.0000430	<0.0000430
MW-9	5/5/2014	<0.0000430	<0.0000430	**0.00017**	**0.000093**	**0.00047**	<0.0000430	<0.0000430
MW-9	9/3/2014	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	<0.0000420	**0.00014**
MW-9	4/16/2015	**0.00016**	**0.0000120 J**	--	--	**0.0044**	**0.0000400 J**	**0.0000250 J**
MW-9	10/29/2015	**0.00030J**	<0.00010	--	--	**0.002**	<0.00010	<0.00010
MW-9	4/19/2016	**0.00029**	<0.0000097	--	--	**0.0021**	<0.000029	<0.0000097
MW-9	9/23/2016	**0.00014 J**	**0.00035 J**	--	--	**0.00053 J**	**0.00066**	**0.0013**
MW-9	5/8/2017	**0.00023**	<0.0000095	--	--	**0.0018**	**0.000042 J**	**0.000029 J**
MW-9	10/2/2017	**0.000014 J**	<0.0000097	--	--	**0.00021**	<0.000029	<0.0000097
MW-9	5/24/2018	<0.00001	<0.00001	--	--	<0.00003	<0.00003	<0.00002
MW-9	9/14/2018	<0.00001	<0.00001			<0.00003	<0.00003	<0.00001
MW-9	4/25/2019	<0.00001	<0.00001	--	--	<0.00003	<0.00003	<0.00001
MW-9	9/23/2019	<0.000016	<0.000022	<0.000023	<0.000045	<0.000054	<0.000057	<0.000026
MW-9	4/17/2020	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.0005 [<0.0005]	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]
MW-9	10/19/2020	<0.0000500	<0.0000500	<0.000500	<0.000500	<0.000500	<0.0000500	<0.0000500
MW-9	4/20/2021	--	--	--	--	--	--	--
MW-9	9/10/2021	<0.0000555 [<0.0000555]	<0.0000555 [0.0000308 J]	<0.000555 [<0.000555]	<0.000555 [<0.000555]	<0.000555 [<0.000555]	<0.0000555 B [<0.0000555 B]	<0.0000555 B [<0.0000555 B
MW-9	4/19/2022	<0.0000555	<0.0000555	**0.0000256 J**	<0.000555	<0.000555	<0.0000555	<0.0000555
MW-9	8/22/2022	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]	<0.000525 [<0.000525 J]	<0.000525 [<0.000525 J]	<0.000525 [<0.000525 J]	<0.0000525 [<0.0000525 J]	<0.0000525 [<0.0000525 J]
MW-10R	9/28/2011	**0.00034**	<0.00000950	--	--	**0.13**	**0.00029**	**0.000071**
MW-10R	5/21/2012	**0.00026**	<0.00000970	--	--	**0.069**	**0.00025**	**0.000088**
MW-10R	9/18/2012	**0.00012**	<0.00000980	--	--	**0.04**	**0.000071**	**0.0000230 J**
MW-10R	5/7/2013	<0.0000450	<0.0000450	**0.0033**	**0.0019**	**0.0107**	<0.0000440	<0.0000450
MW-10R	5/7/2013	<0.0000440	<0.0000440	**0.005**	**0.0037**	**0.0071**	<0.0000450	<0.0000440
MW-10R	9/16/2013	**0.00008**	<0.0000420	**0.0171**	**0.0243**	**0.036**	**0.000051**	<0.0000420
MW-10R	5/2/2014	**0.000062**	<0.0000420	**0.0202**	**0.0249**	**0.0488**	<0.0000410	<0.0000410
MW-10R	5/2/2014	**0.000075**	<0.0000410	**0.0205**	**0.0307**	**0.0355**	**0.000044**	<0.0000420
MW-10R	9/3/2014	**0.000088**	<0.0000400	**0.026**	**0.0506**	**0.0646**	**0.000057**	<0.0000400
MW-10R	4/16/2015	**0.00049**	**0.0000110 J**	--	--	**0.15**	**0.0008**	**0.00049**
MW-10R	10/29/2015	**0.00020J**	<0.00010	--	--	**0.014**	**0.0006**	**0.00040 J**
MW-10R	4/19/2016	**0.00021 J**	<0.000052	--	--	**0.021**	**0.00034**	**0.00038**
MW-10R	9/23/2016	**0.00003 J**	<0.0000098	--	--	**0.0089**	<0.000029	**0.000051**
MW-10R	5/8/2017	**0.00050 J**	<0.00010	--	--	**0.030**	**0.0010**	**0.0012**
MW-10R	10/2/2017	**0.000041 J**	<0.0000095	--	--	**0.028**	<0.000029	**0.000016 J**
MW-10R	5/24/2018	**0.00002 J**	<0.00001	--	--	**0.005**	<0.00003	<0.00002
MW-10R	9/14/2018	**0.00003 J**	<0.00001	--	--	**0.035**	<0.00003	<0.00001
MW-10R	4/25/2019	**0.00004 J**	<0.00001	--	--	**0.049**	**0.00005 J**	**0.00002 J**
MW-10R	9/23/2019	**0.000024 J**	<0.000023	**0.0042**	**0.0028**	**0.027**	<0.000058	<0.000027
MW-10R	4/17/2020	<0.0000500	<0.0000500	**0.00148**	**0.000938**	**0.00896**	<0.0000500	<0.0000500
MW-10R	10/19/2020	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]	**0.00227 [0.00268]**	**0.00123 [0.00146]**	**0.0143 [0.0166]**	<0.0000500 [<0.0000500]	<0.0000500 [<0.0000500]
MW-10R	4/20/2021	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	**0.00155 [0.00129]**	**0.000540 J [0.000476 J]**	**0.00651[0.00558]**	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]
MW-10R	9/10/2021	<0.0000555	<0.0000555	**0.00232**	**0.000777**	**0.0139**	<0.0000555 B	<0.0000555 B
MW-10R	4/19/2022	<0.0000555	**0.0000441 J**	**0.00192**	**0.000656**	**0.00939**	<0.0000555 B	<0.0000555 B
MW-10R	8/22/2022	<0.0000525	<0.0000525	**0.00108**	**0.000289 J**	**0.0045**	<0.0000525	**0.0000246 J**
MW-12	5/29/2009	--	--	--	--	--	--	--
MW-12	9/18/2009	--	--	--	--	--	--	--
MW-12	4/20/2011	<0.00000970	<0.00000970	--	--	<0.0000290	**0.000011**	<0.00000970

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Well ID	Sample Date	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	1-Methylnaphthlalene (mg/L)	2-Methylnaphthlalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)
ADEC Groundwater Clea		**1.5**	**0.0012**	**0.0062**	**0.0061**	**0.73**	**11**	**1.1**
MW-13	5/31/2009	--	--	--	--	--	--	--
MW-13	9/18/2009	--	--	--	--	--	--	--
MW-13	9/23/2016	--	--	--	--	--	--	--
MW-13	5/8/2017	--	--	--	--	--	--	--
MW-13	9/13/2018	--	--	--	--	--	--	--
MW-13	4/25/2019	-- [<0.00001]	**-- [0.00006]**	-- [--]	-- [--]	-- [<0.00003]	**-- [0.00003 J]**	**-- [0.00004 J]**
MW-13	4/20/2021	--	--	--	--	--	--	--
MW-13	9/10/2021	--	--	--	--	--	--	--
MW-16	5/31/2009	--	--	--	--	--	--	--
MW-16	9/18/2009	--	--	--	--	--	--	--
MW-16	9/23/2016	--	--	--	--	--	--	--
MW-16	5/8/2017	--	--	--	--	--	--	--
MW-16	5/24/2018	**0.00002 J**	<0.00003 J	--	--	<0.00003	**0.00003 J**	**0.00002 J**
MW-16	9/13/2018	<0.00001 / <0.00001	<0.00001 / <0.00001	--	--	<0.00003 / 0.00004 J	<0.00003 / <0.00003	<0.00001 / <0.00001
MW-16	9/18/2009	--	--	--	--	--	--	--
MW-16	9/23/2016	--	--	--	--	--	--	--
MW-16	5/8/2017	--	--	--	--	--	--	--
MW-16	5/24/2018	**0.00002 J**	<0.00003 J	--	--	<0.00003	**0.00003 J**	**0.00002 J**
MW-16	9/13/2018	<0.00001 / <0.00001	<0.00001 / <0.00001	--	--	<0.00003 / 0.00004 J	<0.00003 / <0.00003	<0.00001 / <0.00001
MW-16	4/25/2019	--	--	--	--	--	--	--
MW-16	9/23/2019	**0.000023 J**	<0.000024	<0.000025	<0.000048	<0.000057	<0.000061	<0.000028
MW-16	10/20/2020	<0.0000500	<0.0000500	<0.000500	<0.000500	<0.000500	<0.0000500	<0.0000500
MW-16	4/20/2021	<0.0000555	<0.0000555	<0.000555	<0.000555	<0.000555	<0.0000555	<0.0000555
MW-16	9/10/2021	<0.0000555	<0.0000555	<0.000555	<0.000555	<0.000555	<0.0000555 B	<0.0000555 B
MW-16	4/19/2022	<0.0000555 [<0.0000555]	<0.0000555 [<0.0000555]	<0.000555 [<0.000555]	<0.000555 [<0.000555]	<0.000555 [<0.000555]	<0.0000555 [<0.0000555]	<0.0000555 B [<0.0000555]
MW-16	8/22/2022	**0.0000175 J**	<0.0000500	<0.000500	<0.000500	<0.000500	<0.0000500	<0.0000500
MW-17	9/23/2019	--	--	--	--	--	--	--
TB	4/16/2019	--	--	--	--	--	--	--
TB	9/23/2019	--	--	--	--	--	--	--
TB	4/17/2020	--	--	--	--	--	--	--
TB	4/19/2022	--	--	--	--	--	--	--
TB	8/22/2022	--	--	--	--	--	--	--
EB	4/17/2020	<0.0000520	<0.0000520	<0.000520	<0.000520	<0.00052	<0.0000520	<0.0000520
EB	10/19/2020	<0.0000500	<0.0000500	<0.000500	<0.000500	<0.000500	<0.0000500	<0.0000500
EB	4/20/2021	<0.0000555	<0.0000555	<0.000555	<0.000555	<0.000555	<0.0000555	<0.0000555
EB	9/10/2021	<0.0000555	<0.0000555	<0.000555	<0.000555	<0.000555	<0.0000555	**0.0000278**
EB	4/19/2022	<0.0000555	<0.0000555	<0.000555	<0.000555	<0.000555	<0.0000555	<0.0000555
EB	8/22/2022	<0.0000525	**0.0000223 J**	<0.000525	<0.000525	<0.000525	<0.0000525	<0.0000525

Table 6. Historical Groundwater Analtyical Results - Polynuclear Aromatic Hydrocarbons
Second Quarter 2004 through 2022
Former Chevron-Branded Service Station 96097
303 Fireweed Land,
Anchorage, Alaska

Notes:

ID= Identification
MW = Groundwater monitoring well
ADEC = Alaska Department of Environmental Conservation
Bold = Detected above laboratory method detection limit (MDL)
Bold and Shaded = Value exceeds ADEC Groundwater Cleanup Level
mg/L = milligrams per liter
-- = Not measured / not analyzed
<0.000520 = Not detected at or above the reported detection limit (RDL)
J = The associated numerical value is an estimated concentration only
B = Compound considered non-detect at the listed value due to associated blank contamination.
U = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
[ ] = Blind Duplicate Result
PAHs by Method 8270E-SIM
EB = Equipment Blank
TB = Trip Blank

Attachment D

ADEC Data Review Checklist

Laboratory Data Review Checklist

Completed By:

Dilip Kumar H S

Title:

Project Chemist

Date:

June 19, 2024

Consultant Firm:

ARCADIS U.S., Inc

Laboratory Name:

Pace Analytical

Laboratory Report Number:

L1732990

Laboratory Report Date:

5/4/2023

CS Site Name:

First Half 2024 Groundwater Monitoring Report

ADEC File Number:

2100.26.007

Hazard Identification Number:

24073

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

1. Laboratory

   a. Did an ADEC Contaminated Sites Laboratory Approval Program (CS-LAP) 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-LAP approved?

   Yes☐ No☐ N/A☒ Comments:

Not applicable.

2. Chain of Custody (CoC)

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

   Yes☒ No☐ N/A☐ Comments:

Yes.

   b. Were the correct analyses requested?

   Yes☒ No☐ N/A☐ Comments:

Yes.

3. Laboratory Sample Receipt Documentation

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

   Yes☐ No☒ N/A☐ Comments:

No. One sample cooler received out of temperature at 7.7 deg c.

   b. Is the sample preservation acceptable – acidified waters, methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

   Yes☒ No☐ N/A☐ Comments:

Yes.

   c. Is the sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials); canister vacuum/pressure checked and no open valves etc?

   Yes☒ No☐ N/A☐ Comments:

Yes.

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, canister not holding a vacuum, etc.?

Yes☒ No☐ N/A☐ Comments:

Yes. Samples received out of temperature at 7.7 deg c for samples MW-5-W-20240502, MW-10R-W-20240502, MW-15-W-20240502, BD-1-W-20240502, EQB-1-W-20240502 and TRIP BLANK 1-20240502. Associated sample results were qualified as estimated (UJ/J) for all parameters. The other samples were received within temperature requirements (received at 4.8 deg c) and no qualification of the results was required.

e. Is the data quality or usability affected?

Comments:

The temperature exceedance is considered as Minor and would result in the estimation of the associated data. The reported data should still consider as usable.

4. Case Narrative

a. Is the case narrative present and understandable?

Yes☒ No☐ N/A☐ Comments:

Yes.

b. Are there 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 or usability was not affected.

5. Samples Results

a. Are the correct analyses performed/reported as requested on COC?

Yes☒ No☐ N/A☐ Comments:

Yes.

b. Are all applicable holding times met?

Yes☒ No☐ N/A☐ Comments:

Yes.

c. Are all soils reported on a dry weight basis?

Yes☐ No☒ N/A☐ Comments:

No soil samples were submitted for analysis.

d. Are the reported limit of quantitation (LOQs) or limits of detection (LOD), or reporting limits (RL) less than the Cleanup Level for the project?

Yes☒ No☐ N/A☐ Comments:

Yes.

e. Is the data quality or usability affected?

Data quality or usability was not affected.

6. QC Samples

a. Method Blank

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

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. Are all method blank results less than limit of quantitation LOQ (or RL)?

Yes☒ No☐ N/A☐ Comments:

Yes.

iii. If above LOQ or RL, what samples are affected?

Comments:

None of the samples were affected.

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

Yes☐ No☐ N/A☒ Comments:

Not applicable.

v. Data quality or usability affected?

Comments:

Data quality or usability was not affected.

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

i. Organics – Are 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 – Are one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

Yes☐ No☐ N/A☒ Comments:

Not applicable.

iii. Accuracy – Are 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:

No.

Sample locations associated with the LCS/LCSD exhibiting recoveries outside of the control limits are presented in the following table.

Sample Locations	Method	Compound	LCS Recovery	LCSD Recovery
MW-5-W-20240502 MW-10R-W-20240502 MW-15-W-20240502 BD-1-W-20240502 EQB-1-W-20240502 MW-8-W-20240502 MW-9-W-20240502 MW-12-W-20240502 MW-13-W-20240502 MW-16-W-20240502 MW-6-W-20240502	AK 102	AK102 DRO C10-C25	AC	< LL but > 10%

Notes:
LL – Lower control limit
AC - Acceptable

The criteria used to evaluate the LCS/LCSD recoveries are presented in the following table. In the case of an LCS/LCSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

iv. Precision –Are all relative percent differences (RPD) reported and less than method or laboratory limits and project specified objectives, if applicable? Was the 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. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

Yes☒ No☐ N/A☐ Comments:

Method AK102: Compound DRO C10-C25 result in sample IDs MW-5-W-20240502, MW-10R-W-20240502, MW-15-W-20240502, blind duplicate (BD-1), equipment blank (EQB-1), MW-8-W-20240502, MW-9-W-20240502, MW-12-W-20240502, MW-13-W-20240502, MW-16-W-20240502, and MW-6-W-20240502 were qualified as estimated (UJ/J).

vii. Is the data quality or usability affected? (Use comment box to explain.)

Comments:

LCSD exceedances are considered minor and would result in the estimation of the associated data. The reported data should still consider as usable.

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

Note: Leave blank if not required for project

i. Organics – Are 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-5-W-20240502.

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

Yes☐ No☐ N/A☒ Comments:

Samples were not collected for metals/inorganic parameters.

iii. Accuracy – Are 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 – Are 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:

No

Sample locations associated with MS/MSD recoveries exhibiting an RPD greater than of the control limit presented in the following table.

Sample Location	Compound
MW-5-W-20240502	Benzo(a)anthracene

The criteria used to evaluate the RPD between the MS/MSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ
	Detect	J

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

Comments:

RPD:
Method USEPA 8270E-SIM: Compound benzo(a)anthracene result in sample ID MW-5-W-20240502 and blind duplicate BD-1-W-20240502 were 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. Is the data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD RPD exceedance are considered minor and would result in the estimation of the 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 – Are all percent recoveries (%R) reported and within method or laboratory limits and project specified objectives, if applicable? (AK Petroleum methods 50-150 %R for field samples 60-120% R for QC samples ; 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. Is the data quality or usability affected?

Comments:

Data quality or usability was not affected.

e. Trip Blanks

i. Is 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 samples were collected as TRIP BLANK 1-20240502 and TRIP BLANK 2-20240502.

ii. Are all results less than LOQ or RL?

Yes☐ No☒ N/A☐ Comments:

No.

iii. If above LOQ or RL, what samples are affected?

Comments:

Sample Locations	Method	Compound	Sample Result	Qualification
MW-5-W-20240502 BD-1-W-20240502	8260D	Toluene	Detected sample results >RL and <BAL	"UB" at the detected sample concentration
MW-10R-W-20240502			Detected sample results <RL and <BAL	"UB" at RL

Notes:
RL Reporting limit
BAL Blank action level

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

Yes☒ No☐ N/A☐ Comments:

Yes.

v. Is data quality or usability affected?

Comments:

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

f. Field Duplicate

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

Yes☒ No☐ N/A☐ Comments:

Yes.

ii. Was the duplicate submitted blind to lab?

Yes☒ No☐ N/A☐ Comments:

Yes.

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

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

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

Yes☒ No☐ N/A☐ Comments:

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Method	Compounds / Analytes	Sample Result	Duplicate Result	RPD
MW-5-W-20240502 / BD-1-W-20240502	AK 101	TPHGAK C6 to C10	206	1000 U	AC
	AK 102	AK102 DRO C10-C25	764	886	AC
	8260 D	1,2,4-Trimethylbenzene	5.82	9.86	51.5%
		1,3,5-Trimethylbenzene	1.77	2.81	AC
		Benzene	0.989 J	1.07	AC
		Toluene	1.07	1.23	AC
		Ethylbenzene	1.14	1.54	AC
		Xylenes, Total	2.94 J	4.40	AC

Note:
AC - Acceptable
Method SW846 8260D: The compound 1,2,3-trimethylbenzene associated with sample ID MW-5-W-20240502 and BD-1-W-20240502 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated (J).

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

Data quality or usability was not affected.

g. Decontamination or Equipment Blank

i. Were decontamination or equipment blanks collected?

Yes☒ No☐ N/A☐ Comments:

Equipment blank sample was collected as EQB-1-W-20240502.

ii. Are all results less than LOQ or RL?

Yes☒ No☐ N/A☐ Comments:

Yes.

iii. If above LOQ or RL, specify what samples are affected?

Yes☐ No☐ N/A☒ Comments:

None of the samples were affected.

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

Yes☐ No☐ N/A☒ Comments:

Not applicable.

v. Are data quality or usability affected?

Comments:

Data quality or usability was not affected.

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

a. Are they defined and appropriate?

Yes☒ No☐ N/A☐ Comments:

Yes.