



Stantec Consulting Services Inc.
725 East Fireweed Lane Suite 200, Anchorage AK 99503-224

December 7, 2023

Stantec Project Number: 203723074

Paula Sime, PG
Manager, Environmental Services
7-Eleven, LLC
P.O. Box 1026
Temecula, California 92593

RE: ***2024 Corrective Action Work Plan
Former Tesoro Northstore #76***
3600 East Palmer Wasilla Highway, Wasilla, Alaska
ADEC Facility ID #2986; ADEC Hazard ID #26295; ADEC File #2265.26.037

Dear Ms. Sime:

This letter presents the 2024 (calendar year) Corrective Action Plan (CAP) for the monitoring and remediation of petroleum contamination at the above referenced site. The 2024 CAP was prepared by Stantec Consulting Services, Inc. (Stantec) on behalf of 7-Eleven, LLC (7-Eleven) for former Tesoro Northstore #76 located in Wasilla, Alaska.

This 2024 CAP will be presented at the annual work session with the Alaska Department of Environmental Conservation (ADEC), 7-Eleven and Stantec. The work session is scheduled for December 7, 2023, and will be presented by Stantec on behalf of 7-Eleven to Pete Campbell, ADEC representative, virtually via Microsoft Teams app.

Attached to this letter are the following items associated with the completion of the 2023 CAP tasks: Location and Vicinity Map, Site Map With Analytical Data Results (4Q November 2023 GWM Event), and Analytical Data Results Tables of Historical Monitoring Events. The site plans, sampling test results and additional site documents for the subject site will be included in a PowerPoint presentation that will be delivered by Stantec during the December 7 work session.

The following sections provide a summary of the work plan tasks that were completed under the current 2023 CAP followed by a summary of the proposed work plan tasks for the 2024 CAP.

2023 Work Plan Tasks

- *Task 1 – Groundwater Monitoring*
 - ✓ This task was completed in accordance with the approved 2023 CAP.

- Task 2 – O&M Recirculation Groundwater Treatment System
 ✓ This task was completed in accordance with the approved 2023 CAP.
- Task 3 – O&M Chemical Oxidation (Chemox) Treatment System
 ✓ This task was completed in accordance with the approved 2023 CAP.

Proposed Work Plan Tasks for 2024 CAP

The following table summarizes the proposed tasks and implementation schedule for the 2024 CAP:

2024 CAP Work Plan Tasks and Schedule

Work Plan Tasks for 2024		1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Task 1	Monitoring Wells: MW-1, MW-2, MW-3, and MW-4 and Remediation/Recirculation Well RW 19-1	V, G, D, P, S & I	V, G, D, P, S & I	V, G, D, P, S & I	V, G, D, P, S & I
	On-site Domestic Drinking Water Well				D & E
Task 2	O&M Recirculation Groundwater Treatment System	✓	✓	✓	✓
Task 3	Chemical Oxidation Treatment	✓	✓	✓	✓

Key:

- AK – Alaska Test Method
- D – Diesel range organics by AK102.
- E – Drinking water parameters by EPA Method 524.2.
- G – Gasoline range organics by AK101.
- I – Intrinsic indicators include dissolved oxygen, specific conductance, oxygen-reduction potential, pH, and temperature.
- O&M – Operation and Maintenance
- P – Polynuclear aromatic hydrocarbons (PAHs), i.e., semi-volatile organic compounds associated with petroleum fuel, by EPA Test Method 8270D Selective Ion Monitoring (SIM).
- S – Sodium analyzed by Metals (ICP) Method 6010C.
- V – Volatile organic compounds by EPA Test Method 8260C.

- Task 1 – Groundwater Monitoring
 Quarterly monitoring of the groundwater wells and annual monitoring of several existing drinking water wells will be conducted. Sampling locations and analyses for the monitoring and drinking water wells are listed on the 2024 Work Plan Schedule shown above.

- Task 2 – O&M Recirculation Groundwater Treatment System

Stantec will perform quarterly maintenance to check the operation of the recirculation groundwater remediation system. The 4-inch diameter remediation/recirculation well (RW 19-1) will be operated at 2 to 3 gallons per minute on a continuous basis, operating 24 hours per day. In addition, water from the well will be used during injection the chemox solution (proposed in Task 3).

An iMonnit[®] wireless based remote monitoring system via a wireless broadband network (cellular internet) is used to monitor the operation of equipment at this site. iMonnit[®] sensors have been installed on the following components: Operation of the submersible well pump in remediation/recirculation well RW 19-1; Water pressure on the water line from RW 19-1 to the injection wells; and Air temperature on the exterior surface of the water discharge line from the well pump. In the event of a pump malfunction, iMonnit[®] automatically notifies Stantec representatives via email message of the operational issue. Upon receiving an iMonnit[®] notification indicating malfunction, Stantec will conduct a site visit to check on the submersible pump operation and make repairs as needed.

- Task 3 –Chemical Oxidation (Chemox) Treatment

The residual petroleum contaminated soil associated with the past release from the former UST and impacted groundwater will be treated in-situ with the injection of a chemox solution. The chemox solution will be injected on a quarterly basis into the three former bio-spargers (RW-1, RW-2 and RW-3) located beneath the store building in the footprint of the former UST. Subject to suitable (non-freezing) weather conditions, Stantec will attempt to inject chemox on a monthly basis throughout the year.

A minimum of 100 gallons of a prepared solution of the chemical oxidant Klozur One[®] (a chemical mixture consisting primarily of activated sodium persulfate) will be injected into each injection well. The chemox mixture for each well will consist of 110 pounds Klozur One[®] mixed with approximately 100 gallons of potable water. Following the injection of the chemox solution, a minimum of 100 gallons of potable water will be injected into each injection well to provide a means of “hydraulically pushing” the chemox solution into the subsurface formation.

The on-site groundwater monitoring wells and the recirculation/remediation well RW 19-1 will be sampled quarterly as outlined in Task 1 to assess the treatment impact on the groundwater table. The monitoring wells and RW 19-1 will also be sampled and tested for sodium to check on the distribution/migration of the oxidant.

The Corrective Action Work Plan for the year 2024 will be implemented by Stantec on behalf of 7-Eleven. Groundwater monitoring will be conducted to track migration and trends of contaminants that are present at the site.

All sampling activities will be completed in accordance with ADEC’s *Underground Storage Tanks Procedures Manual– Standard Sampling Procedures* (March 22, 2017). The methods that will be used for conducting a monitoring event, unless otherwise noted in the monitoring report, will include:



- The static water levels in the monitoring wells will be measured with respect to the top of each well casing. The elevation of the static water level will be based on an arbitrary datum established on-site during a vertical control survey that will be completed by Stantec on an annual basis. The survey will be performed during the summer after the seasonal frost layer thaws.
- The monitoring wells will be purged of a minimum of three well bore volumes prior to collecting the water samples. A new, disposable, unlined polyethylene bailer will be used to sample each well. The first bail of water removed from each well will be examined for petroleum odor, sheen, and any other unique physical features.
- Water samples will be collected in laboratory-supplied sample containers. The samples will be delivered to an ADEC-approved laboratory in accordance with standard chain-of-custody procedures.
- Additional water samples will be collected from the monitoring wells after the well has been purged, as described above, and tested in the field for chemical and physical intrinsic parameters listed in the 2024 Work Plan Schedule shown above.

If you have any questions or need additional information concerning this 2024 Corrective Action Work Plan, please contact us at (907) 227-9883.

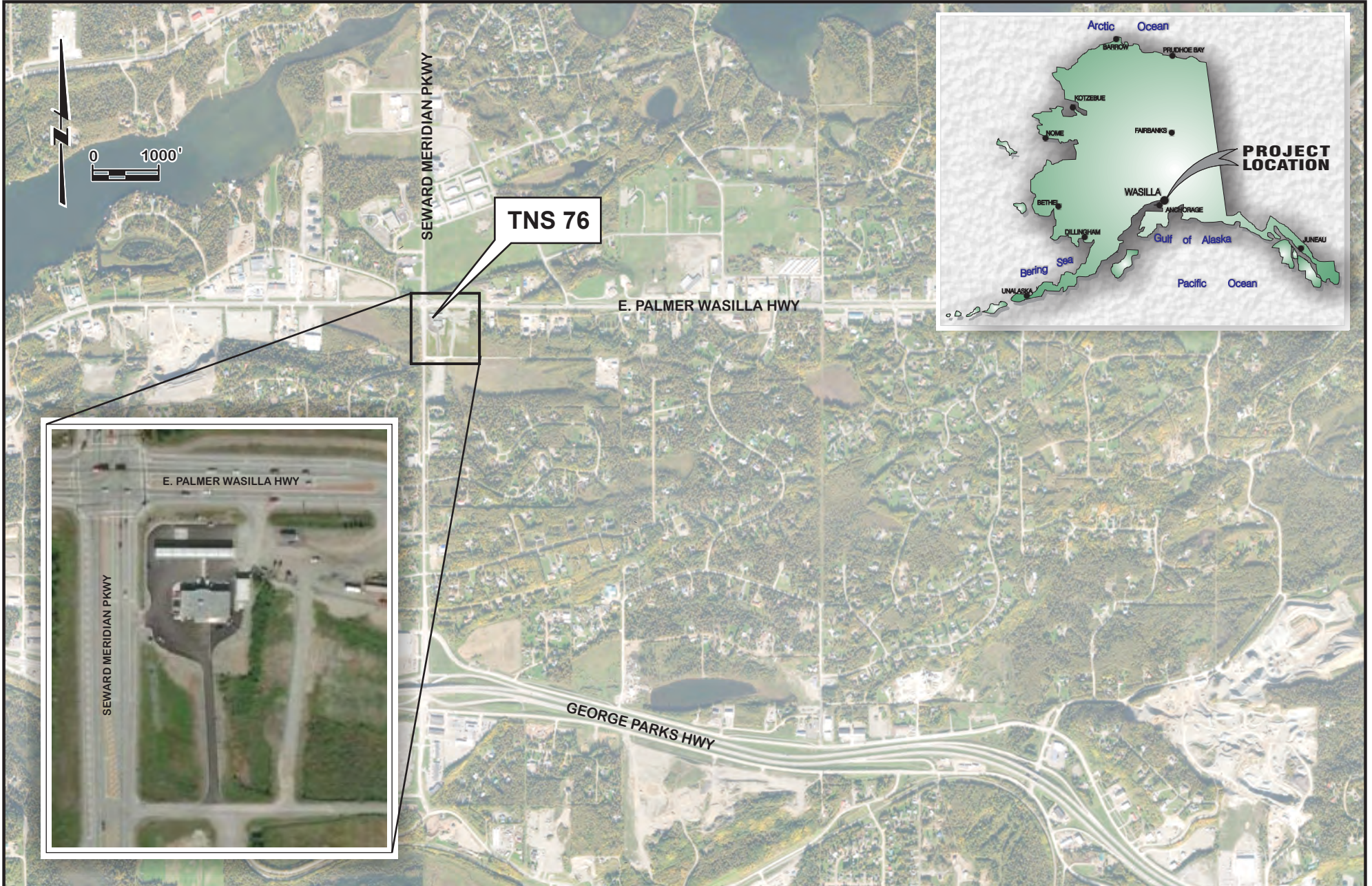
Regards,

STANTEC CONSULTING SERVICES INC.

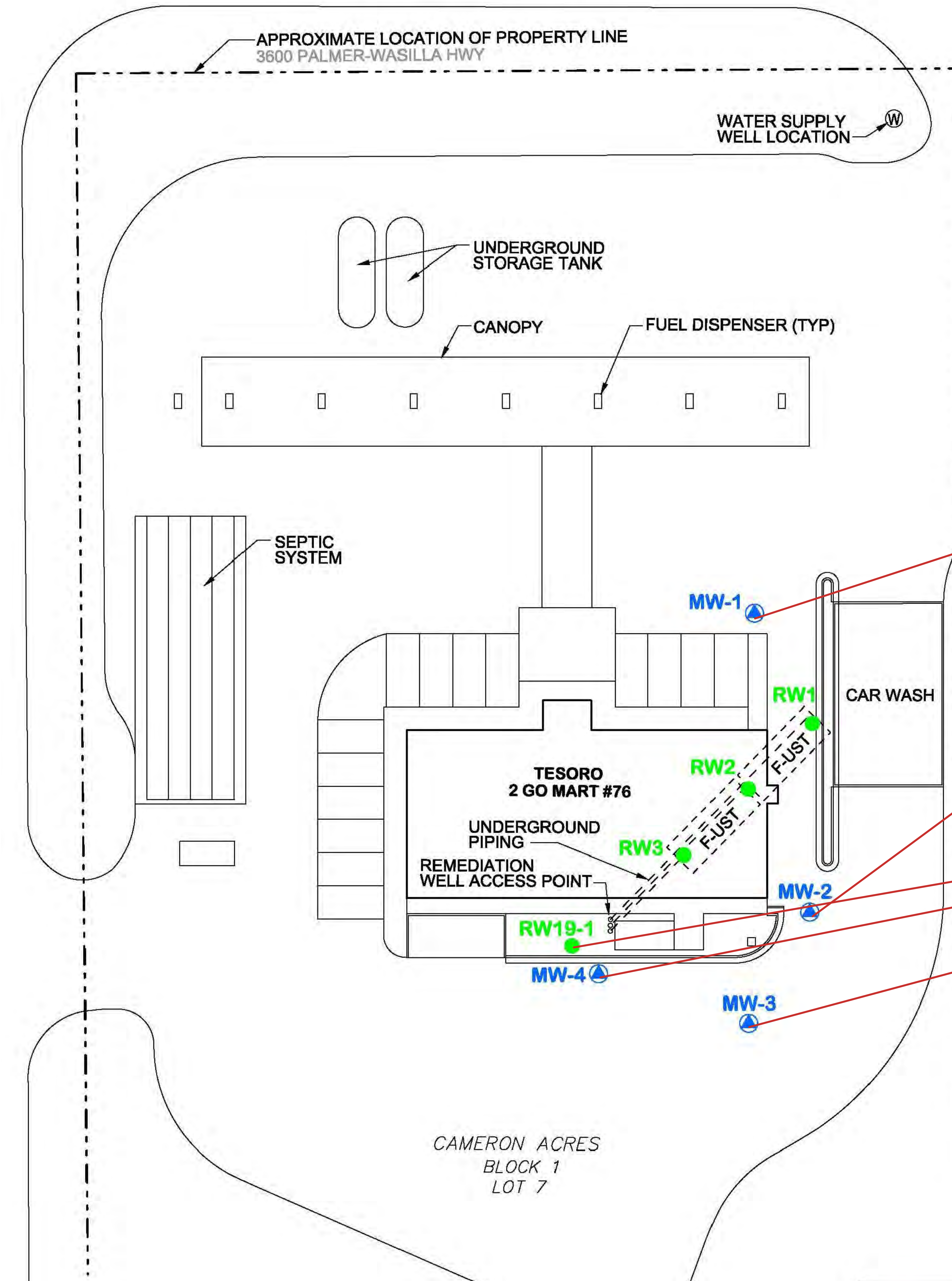
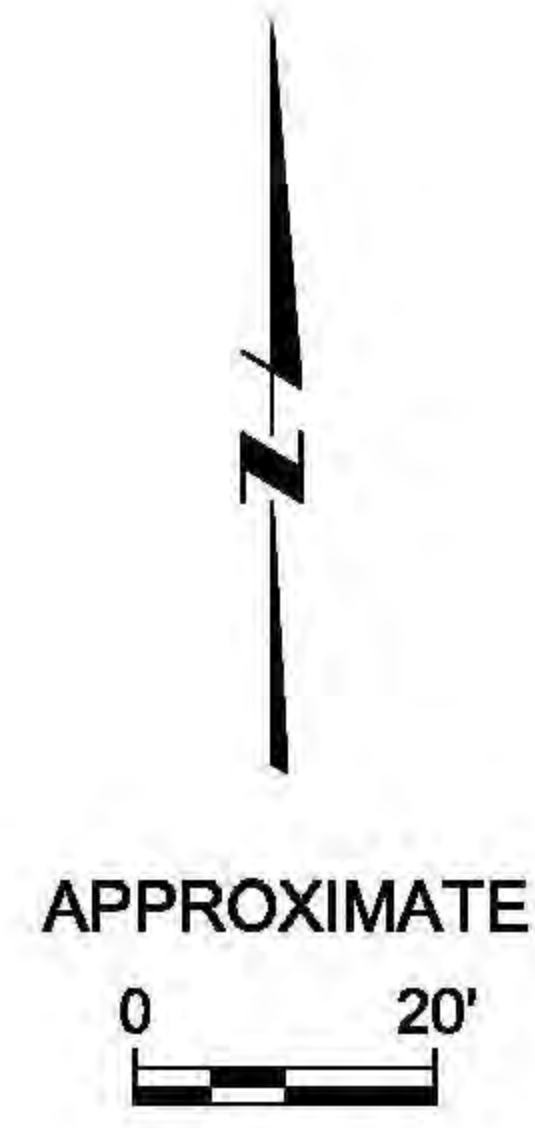
Michael A. Zidek, PMP
Project Manager

Robert (Bob) Gilfilian, P.E.
Project Technical Lead

Attachments: Figure 1 – Location and Vicinity Map
Figure 2 – Site Map with Analytical Data Results (4Q November 2023 GWM
Event)
Analytical Data Results Tables of Historical Monitoring Events



E. PALMER WASILLA HWY



SITE DATA COMPARED TO ADEC Groundwater Cleanup Levels (GCLs)		Legend	
ND	NOT DETECTED	124-TMB	0.056 mg/L
--	NOT SAMPLED	135-TMB	0.06 mg/L
50	SAMPLED & UNDER GCL	BENZENE	0.0046 mg/L
100	SAMPLED & OVER GCL	DRO	1.5 mg/L
FP	FREE PRODUCT	ETHYLBENZENE	0.015 mg/L
	DISPLAYED IN mg/L	GRO	2.2 mg/L
		NAPHTHALENE	0.0017 mg/L
		SODIUM	
		TOLUENE	1.1 mg/L
		TOTAL XYLENES	0.19 mg/L

MW-1	11/3/23
124-TMB	U(0.00100)
135-TMB	U(0.00100)
BENZENE	0.00434
DRO	0.508
ETHYLBENZENE	U(0.00100)
GRO	0.0473
NAPHTHALENE	U(0.000250)
SODIUM	154
TOLUENE	U(0.00100)
TOTAL XYLENES	U(0.00300)

MW-2	11/3/23
124-TMB	0.000608
135-TMB	0.00056
BENZENE	0.00697
DRO	1.06
ETHYLBENZENE	0.00601
GRO	0.0881
NAPHTHALENE	U(0.000250)
SODIUM	29.3
TOLUENE	U(0.00100)
TOTAL XYLENES	0.00791

RW19-1	11/3/23
124-TMB	0.027
135-TMB	0.00821
BENZENE	0.00398
DRO	1.12
ETHYLBENZENE	0.0292
GRO	0.389
NAPHTHALENE	0.000594
SODIUM	45.5
TOLUENE	0.000497
TOTAL XYLENES	0.1068

MW-3	11/3/23
124-TMB	0.013
135-TMB	0.00098
BENZENE	0.084
DRO	1.08
ETHYLBENZENE	0.0299
GRO	0.487
NAPHTHALENE	0.00459
SODIUM	235
TOLUENE	0.00518
TOTAL XYLENES	0.02729

MW-4	11/3/23
124-TMB	0.0213
135-TMB	0.00675
BENZENE	0.00308
DRO	1.02
ETHYLBENZENE	0.0211
GRO	0.371
NAPHTHALENE	0.000631
SODIUM	45.4
TOLUENE	0.000422
TOTAL XYLENES	0.0743

LEGEND:

- F-UST FORMER UNDERGROUND STORAGE TANK
- MONITORING WELL LOCATION
- REMEDIATION WELL LOCATION
- DRO** DIESEL RANGE ORGANICS
- GRO** GASOLINE RANGE ORGANICS
- GW Elev** GROUNDWATER ELEVATION IN FEET
- RW** REMEDIATION WELL
- TMB** TRIMETHYLBENZENE
- U** UNDETECTED ABOVE PRACTICAL QUANTITATION LIMITS SHOWN IN PARENTHESES
- DRINKING WATER WELL

	Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Total Xylenes
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			<u>0.056</u>	<u>0.06</u>	<u>0.0046</u>	<u>1.5</u>	<u>0.015</u>	<u>2.2</u>	<u>0.0017</u>		<u>1.1</u>	<u>0.19</u>
Cameron-7												
05/09/2016	--	--	—	—	U	U	U	—	—	—	U	U
10/13/2016	--	--	—	—	U	U	U	—	—	—	U	U
12/09/2016	--	--	—	—	U	U	U	—	—	—	U	U
06/29/2018	--	--	—	—	U	U	U	—	—	—	U	U
04/25/2019	--	--	—	—	U	U(0.26)	U	—	—	—	U	U
10/12/2020	--	--	—	—	U(0.000500)	U(0.186)	U(0.000500)	—	—	U(0.000100)	U(0.000500)	U(0.000500)
10/14/2021	--	--	—	—	U(0.0005)	0.37	U(0.0005)	—	—	U(0.001)	U(0.0005)	U(0.0005)
10/05/2022	--	--	—	—	U(0.000500)	—	U(0.000500)	—	—	U(0.000500)	U(0.000500)	U(0.000500)
11/03/2023	--	--	—	—	U(0.000500)	0.532	U(0.000500)	—	—	U(0.000500)	U(0.000500)	U(0.000500)
MW-1												
11/06/2014	--	--	—	—	<u>0.0270</u>	0.36	U(0.0005)	0.0670	—	—	U(0.0005)	U(0.0015)
02/25/2015	--	--	—	—	0.001300	U(0.41)	U(0.0005)	U(0.05)	—	—	U(0.0005)	U(0.0015)
06/10/2015	--	--	—	—	U(0.002)	0.50	U(0.003)	U(0.060)	—	—	U(0.002)	U(0.002)
09/02/2015	--	--	—	—	0.001100	U(0.40)	U(0.001)	U(0.1)	—	—	U(0.001)	U(0.003)
11/12/2015	--	--	—	—	<u>0.0290</u>	U(0.21)	U(0.003)	0.14	—	—	U(0.002)	U(0.002)
01/20/2016	--	--	—	—	<u>0.0710</u>	0.22	U(0.003)	0.18	—	—	U(0.002)	U(0.002)
05/09/2016	--	--	—	—	<u>0.0260</u>	U(0.45)	U(0.001)	0.10	—	—	U(0.001)	U(0.003)
10/13/2016	--	--	—	—	<u>0.0530</u>	0.36	U(0.001)	0.84	—	—	U(0.001)	U(0.003)
12/09/2016	--	--	—	—	<u>0.0270</u>	0.67	U(0.002)	0.0670	—	—	U(0.002)	U(0.003)
02/08/2017	--	--	—	—	<u>0.0100</u>	0.27	U(0.003)	0.0570	—	—	U(0.002)	U(0.002)
04/24/2017	--	--	—	—	<u>0.009600</u>	U(0.0003)	U(0.003)	U(0.001)	—	—	U(0.002)	U(0.003)
09/01/2017	--	--	—	—	<u>0.006800</u>	0.25	U(0.003)	U(1.0)	—	—	U(0.002)	U(0.002)
02/15/2018	--	--	—	—	<u>0.0120</u>	U(0.13)	U(0.003)	U(1.0)	—	—	U(0.002)	U(0.003)
06/29/2018	--	--	—	—	<u>0.0260</u>	0.30	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
09/11/2018	--	--	—	—	<u>0.0100</u>	U(0.27)	U(0.001)	U(0.15)	—	—	U(0.001)	U(0.002)
10/26/2018	--	--	—	—	<u>0.0150</u>	0.31	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
02/25/2019	--	--	—	—	0.003700	0.19	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
04/25/2019	--	--	—	—	U(0.003)	U(0.27)	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
07/25/2019	--	--	—	—	<u>0.007100</u>	0.27	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
10/18/2019	--	--	—	—	U(0.003)	0.16	U(0.003)	U(0.25)	—	—	U(0.002)	U(0.003)
08/11/2020	--	73.27	—	—	0.0026200	U(0.808)	U(0.001)	U(0.1)	—	35.8	U(0.001)	U(0.003)
10/12/2020	--	72.88	U(0.001)	U(0.001)	<u>0.0054800</u>	0.369	U(0.001)	0.0110	U(0.000250)	43.6	U(0.001)	U(0.002)
03/23/2021	--	73.38	—	—	0.000526000	U(0.840)	U(0.001)	0.0130	—	33.2	U(0.001)	U(0.001)
05/19/2021	--	73.17	U(0.00100)	U(0.00100)	<u>0.0048100</u>	U(0.840)	U(0.001)	0.03020	U(0.00500)	35.0	U(0.001)	U(0.002)
07/14/2021	--	72.93	U(0.00100)	U(0.00100)	0.0017700	0.317	U(0.001)	U(0.1)	U(0.00500)	32.2	U(0.001)	U(0.003)
10/14/2021	--	75.24	U(0.00100)	U(0.00100)	<u>0.01670</u>	0.427	U(0.001)	0.06690	U(0.000250)	59.7	U(0.001)	U(0.002)
03/17/2022	--	75.93	U(0.00100)	U(0.00100)	0.000111000	0.263	U(0.00100)	U(0.100)	U(0.000250)	133	U(0.00100)	U(0.00300)
06/22/2022	--	73.67	U(0.00100)	U(0.00100)	<u>0.0097500</u>	U(0.800)	U(0.00100)	0.03750	U(0.000250)	49.2	U(0.00100)	U(0.00300)
08/19/2022	--	75.72	U(0.00100)	0.000106000	<u>0.0060600</u>	U(0.800)	U(0.00100)	0.05090	U(0.000250)	85.3	U(0.00100)	0.000456000

	Well Screen Interval	Ground Water Elevator.	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Total Xylenes
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			<u>0.056</u>	<u>0.06</u>	<u>0.0046</u>	<u>1.5</u>	<u>0.015</u>	<u>2.2</u>	<u>0.0017</u>		<u>1.1</u>	<u>0.19</u>
10/05/2022	--	--	U(0.00100)	U(0.00100)	<u>0.04770</u>	U(0.800)	U(0.00100)	0.08130	U(0.000250)	54.8	U(0.00100)	U(0.00300)
03/09/2023	--	75.05	U(0.00100)	U(0.00100)	0.0022400	0.281 J,B	0.000167 J	0.0303 J	U(0.000250)	55.4	U(0.00100)	U(0.00300)
04/26/2023	--	76.74	—	—	<u>0.0680</u>	0.334	0.000237000	0.178	U(0.00025)	70.6	U(0.00100)	0.0031300
07/13/2023	--	79.30	U(0.00100)	U(0.00100)	<u>0.01030</u>	0.341	U(0.00100)	0.06110	U(0.000250)	90.3	U(0.00100)	U(0.00100)
11/03/2023	--	76.62	U(0.00100)	U(0.00100)	0.0043400	0.508	U(0.00100)	0.04730	U(0.000250)	154	U(0.00100)	U(0.00300)
MW-2												
11/06/2014	--	--	—	—	<u>0.0670</u>	0.19	<u>0.0160</u>	0.68	—	—	0.0260	0.13
02/25/2015	--	--	—	—	<u>0.0220</u>	U (0.41)	0.003400	0.13	—	—	0.004500	0.0200
06/10/2015	--	--	—	—	U (0.002)	1.10	U (0.003)	<u>6.10</u>	—	—	U (0.002)	<u>1.82</u>
09/02/2015	--	--	—	—	<u>0.0890</u>	<u>1.80</u>	<u>0.0650</u>	U (10)	—	—	0.0560	<u>1.40</u>
11/12/2015	--	--	—	—	<u>0.0910</u>	<u>1.80</u>	<u>0.13</u>	<u>22.0</u>	—	—	0.11	0.179
01/20/2016	--	--	—	—	<u>0.52</u>	<u>1.60</u>	<u>0.83</u>	—	—	—	<u>1.50</u>	<u>5.10</u>
05/09/2016	--	--	—	—	<u>0.41</u>	0.95	<u>0.35</u>	U (10)	—	—	—	<u>2.80</u>
10/13/2016	--	--	—	—	<u>0.42</u>	0.98	<u>0.48</u>	<u>9.20</u>	—	—	0.63	<u>2.62</u>
12/09/2016	--	--	—	—	<u>0.57</u>	<u>1.70</u>	<u>0.50</u>	<u>11.0</u>	—	—	0.17	<u>1.01</u>
02/08/2017	--	--	—	—	<u>0.0530</u>	0.20	<u>0.0210</u>	0.58	—	—	U (0.002)	0.0960
04/24/2017	--	--	—	—	<u>0.0360</u>	0.94	<u>0.0350</u>	<u>2.60</u>	—	—	0.0120	<u>0.66</u>
09/01/2017	--	--	—	—	<u>0.0830</u>	1.30	<u>0.45</u>	<u>9.70</u>	—	—	0.0260	<u>2.33</u>
02/15/2018	--	--	—	—	<u>0.0670</u>	0.98	<u>0.14</u>	U (10)	—	—	0.0200	<u>0.97</u>
06/29/2018	--	--	—	—	<u>0.17</u>	1.20	<u>0.59</u>	<u>6.00</u>	—	—	0.25	<u>3.30</u>
09/11/2018	--	--	—	—	<u>0.0940</u>	0.74	<u>0.18</u>	<u>4.80</u>	—	—	0.13	<u>1.08</u>
10/26/2018	--	--	—	—	<u>0.17</u>	1.00	<u>0.48</u>	<u>11.0</u>	—	—	0.28	<u>3.01</u>
02/25/2019	--	--	—	—	<u>0.0920</u>	1.20	<u>0.18</u>	<u>5.40</u>	—	—	0.22	<u>1.41</u>
04/25/2019	--	--	—	—	<u>0.0510</u>	0.93	U (0.003)	<u>3.60</u>	—	—	0.13	<u>1.28</u>
07/25/2019	--	--	—	—	<u>0.0790</u>	0.89	<u>0.20</u>	<u>5.40</u>	—	—	0.13	<u>1.47</u>
10/18/2019	--	--	—	—	<u>0.0250</u>	0.24	<u>0.0220</u>	0.74	—	—	0.006500	0.101
08/11/2020	--	74.49	—	—	<u>0.05990</u>	0.553	<u>0.07590</u>	0.921	—	—	0.01070	<u>0.465</u>
10/12/2020	--	74.58	<u>0.109</u>	0.03290	<u>0.16</u>	0.409	<u>0.04550</u>	0.755	0.000405000	55.2	U (0.001)	0.168
03/23/2021	--	73.53	—	—	<u>0.0054200</u>	U (0.840)	U (0.001)	0.02270	—	—	48.1	U (0.001)
05/19/2021	--	73.57	0.0027800	0.001200	0.0033800	U (0.840)	0.000461000	0.03740	U(0.00500)	25.4	U (0.001)	0.0050100
07/14/2021	--	73.97	0.0048700	0.0010700	0.0039900	0.272	0.0019300	0.05040	U (0.00500)	32.8	U (0.001)	0.0046500
10/14/2021	--	76.78	<u>0.07060</u>	0.01850	<u>0.02920</u>	0.589	<u>0.01760</u>	0.628	0.000277000	50.3	0.01090	0.1308
03/17/2022	--	76.98	0.01130	0.0033500	<u>0.01890</u>	0.288	0.0072300	0.249	U(0.000250)	180	0.000395000	0.023130
06/22/2022	--	74.73	U(0.00100)	U(0.00100)	<u>0.02030</u>	0.38	0.0058300	0.327	U(0.000250)	87.7	0.0056700	0.0045400
08/19/2022	--	77.77	U(0.00100)	U(0.00100)	<u>0.0230</u>	0.198	0.0064100	0.137	U(0.000250)	86.3	0.0017100	0.0077500
10/05/2022	--	--	0.0090700	0.0030400	<u>0.0078100</u>	U(0.800)	0.0044600	0.117	U(0.000250)	37.3	0.000291000	0.01050
03/09/2023	--	76.66	0.02990	0.0087900	<u>0.05930</u>	0.451 J,B	<u>0.01770</u>	0.375	0.0011400	36.7	0.000918 J	0.038850
04/26/2023	--	77.75	—	—	<u>0.01230</u>	0.318	0.0027300	0.128	0.000109000	51.4	0.000342000	0.01020
07/13/2023	--	77.36	0.0220	0.0066100	<u>0.01290</u>	0.349	0.005300	0.343	0.000347000	61.2	U(0.00100)	0.0020100
11/03/2023	--	77.65	0.000608000	0.00056000	<u>0.0069700</u>	1.06	0.0060100	0.08810	U(0.000250)	29.3	U(0.00100)	0.0079100

	Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Total Xylenes
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			<u>0.056</u>	<u>0.06</u>	<u>0.0046</u>	<u>1.5</u>	<u>0.015</u>	<u>2.2</u>	<u>0.0017</u>		<u>1.1</u>	<u>0.19</u>
MW-3												
11/06/2014	--	--	—	—	<u>5.00</u>	<u>3.50</u>	<u>37.0</u>	<u>240</u>	—	—	<u>7.40</u>	<u>39.0</u>
02/25/2015	--	--	—	—	<u>2.90</u>	<u>8.60</u>	<u>6.70</u>	<u>180</u>	—	—	<u>34.0</u>	<u>37.0</u>
06/10/2015	--	--	—	—	<u>5.20</u>	<u>9.50</u>	<u>8.20</u>	<u>210</u>	—	—	<u>38.0</u>	<u>48.0</u>
09/02/2015	--	--	—	—	<u>3.70</u>	<u>5.10</u>	<u>4.40</u>	U (200)	—	—	<u>24.0</u>	<u>28.0</u>
11/12/2015	--	--	—	—	<u>1.30</u>	<u>3.60</u>	<u>0.21</u>	<u>87.0</u>	—	—	<u>2.10</u>	<u>1.69</u>
01/20/2016	--	--	—	—	<u>3.80</u>	<u>4.10</u>	<u>4.20</u>	<u>120</u>	—	—	<u>13.0</u>	<u>25.3</u>
05/09/2016	--	--	—	—	<u>2.10</u>	1.50	<u>2.20</u>	<u>69.0</u>	—	—	<u>21.0</u>	<u>33.0</u>
10/13/2016	--	--	—	—	<u>1.20</u>	<u>2.00</u>	<u>2.90</u>	<u>46.0</u>	—	—	<u>4.20</u>	<u>14.6</u>
12/09/2016	--	--	—	—	<u>0.17</u>	<u>3.30</u>	—	<u>100</u>	—	—	—	<u>0.54</u>
02/08/2017	--	--	—	—	<u>39.0</u>	<u>3.90</u>	<u>53.0</u>	<u>98.0</u>	—	—	<u>99.0</u>	<u>103</u>
04/24/2017	--	--	—	—	<u>2.50</u>	<u>6.70</u>	<u>5.20</u>	U (200)	—	—	<u>14.0</u>	<u>28.9</u>
09/01/2017	--	--	—	—	<u>0.61</u>	<u>1.90</u>	<u>3.70</u>	<u>75.0</u>	—	—	<u>9.30</u>	<u>21.4</u>
02/15/2018	--	--	—	—	<u>0.30</u>	1.30	<u>2.90</u>	U (100)	—	—	<u>3.80</u>	<u>15.6</u>
06/29/2018	--	--	—	—	<u>0.28</u>	1.10	<u>1.70</u>	<u>23.0</u>	—	1.10	—	<u>8.20</u>
09/11/2018	--	--	—	—	<u>0.29</u>	0.91	<u>1.00</u>	<u>14.0</u>	—	0.53	—	<u>5.60</u>
10/26/2018	--	--	—	—	<u>0.32</u>	0.93	<u>0.89</u>	<u>15.0</u>	—	0.36	—	<u>4.30</u>
02/25/2019	--	--	—	—	<u>0.95</u>	<u>4.60</u>	<u>2.30</u>	U (1.3)	—	0.69	—	<u>11.4</u>
04/25/2019	--	--	—	—	<u>0.14</u>	0.64	U (1.5)	<u>11.0</u>	—	0.13	U (1.5)	—
07/25/2019	--	--	—	—	<u>0.68</u>	<u>1.90</u>	<u>2.40</u>	<u>41.0</u>	—	—	<u>1.20</u>	<u>11.6</u>
10/18/2019	--	--	—	—	<u>0.21</u>	1.20	<u>1.70</u>	<u>21.0</u>	—	0.66	—	<u>9.70</u>
08/11/2020	--	75.60	—	—	<u>0.737</u>	<u>4.89</u>	<u>2.99</u>	<u>32.8</u>	—	52.4	1.05	<u>17.0</u>
10/12/2020	--	76.20	<u>2.91</u>	<u>0.764</u>	<u>0.32</u>	<u>5.22</u>	<u>2.46</u>	<u>29.4</u>	<u>0.04890</u>	66.1	0.868	<u>14.89</u>
03/23/2021	--	75.12	—	—	<u>0.45</u>	U (0.840)	<u>3.73</u>	<u>54.3</u>	—	U(3.00)	—	<u>1.21</u>
05/19/2021	--	76.08	<u>2.24</u>	<u>0.631</u>	<u>0.473</u>	<u>5.08</u>	<u>2.04</u>	<u>31.1</u>	U(1.00)	47.0	0.186	<u>11.1</u>
07/14/2021	--	75.93	<u>2.16</u>	<u>0.594</u>	<u>0.581</u>	<u>3.87</u>	<u>2.65</u>	<u>30.3</u>	U (1.00)	49.8	0.156	<u>12.87</u>
10/14/2021	--	77.13	<u>1.31</u>	<u>0.33</u>	<u>0.0840</u>	<u>2.11</u>	<u>0.741</u>	<u>15.8</u>	<u>0.01090</u>	41.2	0.13	<u>4.147</u>
03/17/2022	--	76.99	<u>1.49</u>	<u>0.46</u>	<u>0.06420</u>	<u>3.44</u>	<u>0.07640</u>	<u>13.9</u>	<u>0.02380</u>	110	0.01040	<u>4.351</u>
06/22/2022	--	77.52	<u>1.90</u>	<u>0.62</u>	<u>0.09230</u>	<u>3.24</u>	<u>0.739</u>	<u>10.2</u>	<u>0.02620</u>	74.8	0.03360	<u>3.776</u>
08/19/2022	--	77.96	0.0280	0.0070700	<u>0.01190</u>	1.49	0.01060	0.559	<u>0.0031500</u>	68.9	U(0.00500)	<u>0.2237</u>
10/05/2022	--	--	<u>0.343</u>	<u>0.09250</u>	<u>0.0200</u>	0.92	<u>0.168</u>	<u>2.83</u>	<u>0.004200</u>	56.0	0.000379000	<u>0.618</u>
03/09/2023	--	76.79	<u>1.35</u>	<u>0.339</u>	<u>0.153</u>	2.10 B	<u>0.959</u>	<u>10.3</u>	<u>0.02740</u>	55.6	0.03320	<u>4.512</u>
04/26/2023	--	77.80	—	—	<u>0.02410</u>	<u>2.16</u>	<u>0.09520</u>	1.24	<u>0.0028400</u>	53.3	U(0.0100)	<u>0.375</u>
07/13/2023	--	77.39	<u>0.06380</u>	0.0190	<u>0.009900</u>	1.14	<u>0.0670</u>	1.10	0.000881000	60.0	0.0015900	0.05580
11/03/2023	--	77.63	0.0130	0.00098000	<u>0.0840</u>	1.08	<u>0.02990</u>	0.487	<u>0.0045900</u>	235	0.0051800	0.027290
MW-4												
11/06/2014	--	--	—	—	<u>0.94</u>	0.45	<u>0.30</u>	<u>13.0</u>	—	—	<u>1.90</u>	<u>1.50</u>
02/25/2015	--	--	—	—	<u>3.70</u>	1.00	<u>0.56</u>	<u>29.0</u>	—	—	<u>6.60</u>	<u>2.70</u>
06/10/2015	--	--	—	—	<u>1.10</u>	0.99	<u>0.54</u>	<u>14.0</u>	—	—	<u>2.30</u>	<u>2.70</u>
09/02/2015	--	--	—	—	<u>0.0260</u>	U (0.40)	0.00700	0.30	—	—	U (0.001)	0.0300

	Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Total Xylenes
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
11/12/2015	--	--	—	—	—	U (0.21)	—	U (0.050)	—	—	—	—
01/20/2016	--	--	—	—	0.004300	0.15	U (0.003)	—	—	—	U (0.002)	U (0.002)
05/09/2016	--	--	—	—	0.009200	U (0.42)	U (0.001)	U (0.1)	—	—	U (0.001)	U (0.003)
10/13/2016	--	--	—	—	U (0.00020)	0.18	U (0.001)	U (0.1)	—	—	U (0.001)	U (0.003)
12/09/2016	--	--	—	—	—	0.18	—	U (0.05)	—	—	—	—
02/08/2017	--	--	—	—	0.0170	0.18	U (0.003)	U (0.05)	—	—	U (0.002)	U (0.002)
04/24/2017	--	--	—	—	0.0120	U (0.0003)	0.004900	U (0.001)	—	—	U (0.002)	U (0.003)
09/01/2017	--	--	—	—	0.55	0.48	0.38	5.10	—	—	U (0.050)	0.74
02/15/2018	--	--	—	—	0.19	0.29	0.26	3.30	—	—	U (0.10)	0.438
06/29/2018	--	--	—	—	0.0900	0.19	0.0220	0.52	—	—	U (0.002)	0.0270
09/11/2018	--	--	—	—	0.008600	U (0.28)	0.005200	U (0.15)	—	—	U (0.001)	0.006200
10/26/2018	--	--	—	—	0.0130	0.15	0.004500	U (0.25)	—	—	U (0.002)	0.008900
02/25/2019	--	--	—	—	0.0260	0.20	0.003400	U (0.25)	—	—	U (0.002)	0.008900
04/25/2019	--	--	—	—	U (0.003)	U (0.27)	U (0.003)	U (0.25)	—	—	U (0.002)	U (0.003)
07/25/2019	--	--	—	—	0.0510	0.16	U (0.003)	U (0.25)	—	—	U (0.002)	0.007800
10/18/2019	--	--	—	—	0.0200	U (0.12)	0.005900	U (0.25)	—	—	0.0150	0.02770
08/11/2020	--	75.74	—	—	0.0540	U (0.800)	0.000455000	0.0840	—	58.4	U (0.001)	0.0093300
10/12/2020	--	76.05	0.01120	0.0017400	0.129	U (0.800)	0.0069900	0.313	0.000465000	36.2	U (0.001)	0.02640
03/23/2021	--	73.83	—	—	0.0790	0.266	0.01780	0.274	—	—	U (0.001)	0.03450
05/19/2021	--	75.89	0.01710	0.0042300	0.03070	U (0.840)	0.0032800	0.153	U (0.00500)	67.5	U (0.001)	0.01230
07/14/2021	--	75.81	0.0037400	0.000529000	0.01760	0.371	0.000375000	0.06820	U (0.00500)	76.7	U (0.001)	0.0038300
10/14/2021	--	75.05	0.0056100	0.000233000	0.0056400	0.521	0.0031800	0.105	0.000209000	63.4	U (0.001)	0.0078800
03/17/2022	--	76.92	0.273	0.106	0.214	0.683	0.186	2.80	0.0033400	41.6	0.168	0.857
06/22/2022	--	76.20	0.401	0.128	0.409	0.816	0.373	4.88	0.0094100	91.0	U(0.0500)	1.49
08/19/2022	--	77.72	U(0.00500)	U(0.00500)	0.09210	1.29	0.02370	0.638	0.0065700	104	U(0.00500)	0.0025300
10/05/2022	--	--	0.09080	0.04280	0.06440	0.565	0.131	0.885	0.0074600	66.2	U(0.00500)	0.198
03/09/2023	--	76.78	0.313	0.0820	0.159	0.941 B	0.157	2.00	0.0045300	45.9	0.0028300	0.4931
04/26/2023	--	77.76	—	—	0.03680	0.311	0.04870	0.625	0.0011600	61.5	U(0.00100)	0.118
07/13/2023	--	77.13	0.06790	0.0150	0.08590	1.08	0.08970	1.17	0.0081800	205	0.01130	0.0062900
11/03/2023	--	77.41	0.02130	0.0067500	0.0030800	1.02	0.02110	0.371	0.000631000	45.4	0.000422000	0.07430
RW19-1												
08/11/2020	--	73.12	—	—	0.0012600	U (0.848)	U (0.001)	U (0.100)	—	28.8	U (0.001)	0.000489000
10/12/2020	--	70.87	U (0.001)	U (0.001)	0.000609000	U (0.800)	U (0.001)	U (0.100)	U (0.000250)	28.6	U (0.001)	U (0.002)
03/23/2021	--	--	—	—	U (0.001)	U (0.840)	U (0.001)	0.01190	—	25.9	U (0.001)	U (0.003)
05/19/2021	--	--	U(0.00100)	U(0.00100)	U (0.001)	U (0.800)	U (0.001)	0.01580	U (0.00500)	28.8	U (0.001)	U (0.002)
07/14/2021	--	70.48	U (0.00100)	U (0.00100)	U (0.001)	0.297	U (0.001)	U (0.100)	U (0.00500)	28.8	U (0.001)	U (0.003)
10/14/2021	--	72.83	U(0.00100)	U(0.00100)	0.000506000	0.387	U (0.001)	0.04260	U(0.000250)	32.3	U (0.001)	U (0.002)
03/17/2022	--	75.68	0.0070200	0.0038800	0.0048800	U(0.888)	0.0031100	0.147	0.000108000	48.2	U(0.00100)	0.028120
06/23/2022	--	73.55	0.01690	0.0054700	0.02570	U(0.800)	0.0190	0.223	0.000452000	36.9	0.0016600	0.08220
08/19/2022	--	69.73	0.0017300	0.000659000	0.01070	0.443	0.0083800	0.21	0.000186000	36.9	0.0010400	0.022440

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Total Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			<u>0.056</u>	<u>0.06</u>	<u>0.0046</u>	<u>1.5</u>	<u>0.015</u>	<u>2.2</u>	<u>0.0017</u>		<u>1.1</u>	<u>0.19</u>
10/05/2022	--	--	0.0024500	0.000995000	<u>0.0073700</u>	U(0.800)	0.0067800	0.06320	0.000239000	33.6	U(0.00100)	0.0095300
03/09/2023	--	75.44	0.02950	0.0080100	<u>0.02620</u>	0.274 J,B	<u>0.03530</u>	0.24	0.000209 J	34.9	U(0.00100)	0.09580
04/26/2023	--	75.77	—	—	<u>0.02080</u>	0.355	<u>0.02520</u>	0.248	0.000483000	38.6	U(0.00100)	0.05210
07/13/2023	--	75.51	0.01210	0.0044400	<u>0.02210</u>	0.347	<u>0.01830</u>	0.253	U(0.000500)	56.0	0.000291000	0.000733000
11/03/2023	--	69.52	0.0270	0.0082100	0.0039800	1.12	<u>0.02920</u>	0.389	0.000594000	45.5	0.000497000	0.1068