



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

November 28, 2022

Stantec Project Number: 185705773

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

RE: ***2023 Corrective Action Work Plan***

Former Tesoro Northstore (TNS) #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 2023 (calendar year) Corrective Action Plan (CAP) for the monitoring and remediation of petroleum contamination at the above referenced site. The 2023 CAP was prepared by Stantec Consulting Services, Inc. (Stantec) on behalf of 7-Eleven, Inc. (7-Eleven) for Tesoro Northstore (TNS) #76 located in Wasilla, Alaska.

This 2023 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 6, 2022, 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 2022 CAP tasks: Location and Vicinity Map, Site Map With Analytical Data Results (4Q October 2022 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 6 work session.

The following sections provide a summary of the work plan tasks that were completed under the current 2022 CAP and the proposed work plan tasks for the 2023 CAP.

2022 Work Plan Tasks

- ***Task 1 – Groundwater Monitoring***
 - ✓ This task was completed in accordance with the approved 2022 CAP.

- Task 2 – O&M Recirculation Groundwater Treatment System
 ✓ This task was completed in accordance with the approved 2022 CAP.
- Task 3 – O&M Chemical Oxidation (Chemox) Treatment System
 ✓ This task was completed in accordance with the approved 2022 CAP.

Proposed Work Plan Tasks for 2023 CAP

The following table summarizes the proposed tasks and implementation schedule for the 2023 CAP:

2023 CAP Work Plan Tasks and Schedule

Work Plan Task		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 524.1.
- 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 2023 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 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 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 2023 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, Teflon[®] 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 2023 Work Plan Schedule shown above.

If you have any questions or need additional information concerning this 2023 Corrective Action Work Plan, please contact us at (907) 227-9883.

Regards,

STANTEC CONSULTING SERVICES INC.

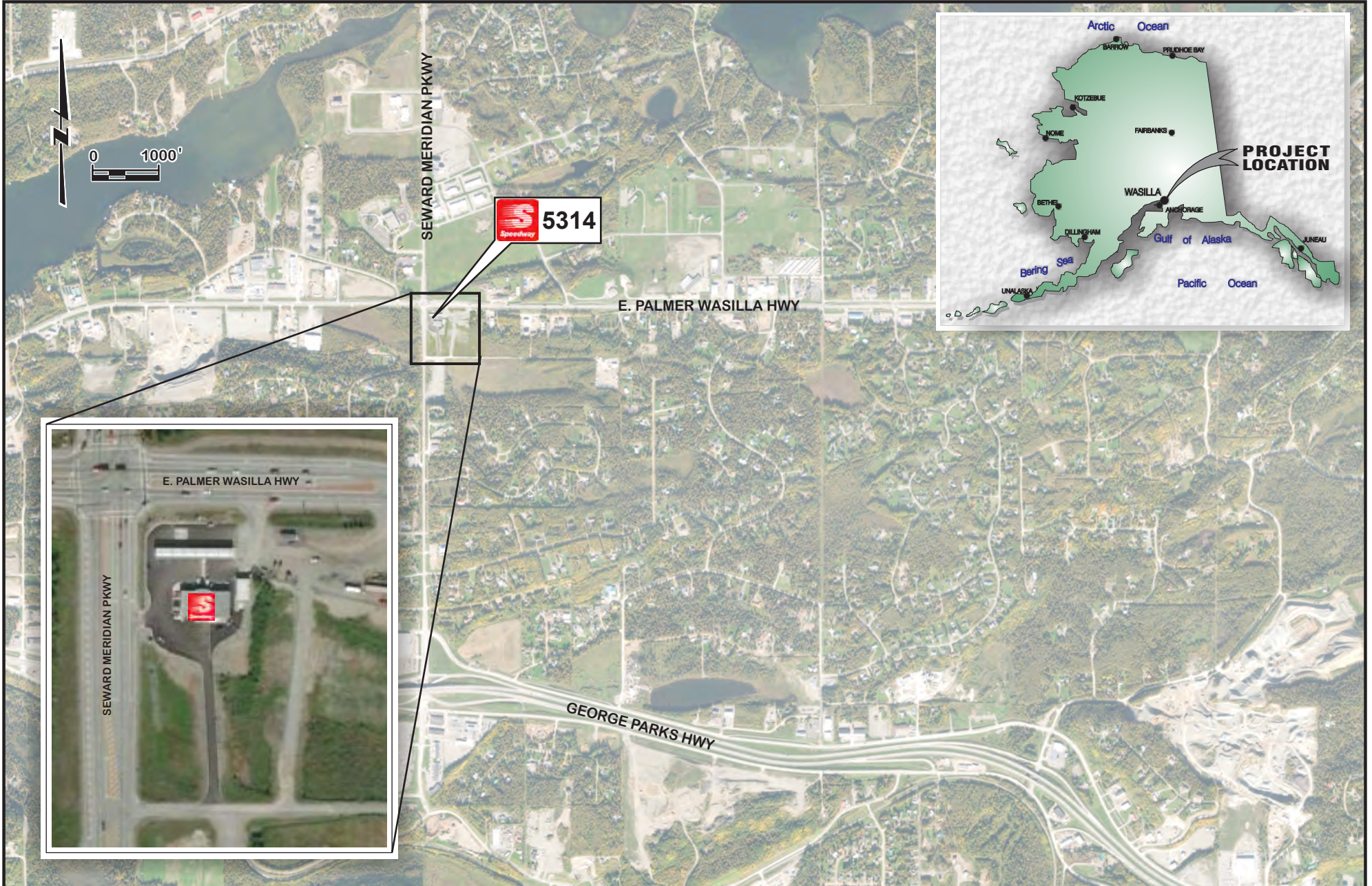
A handwritten signature in black ink that reads "M. Zidek".

Michael A. Zidek, PMP
Project Manager

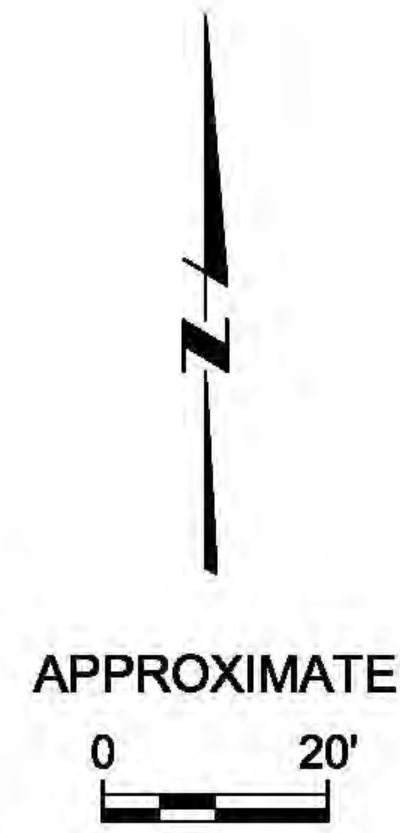
A handwritten signature in black ink that reads "Robert Gilfilian".

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

Attachments: Figure 1 – Location and Vicinity Map
Figure 2 – Site Map With Analytical Data Results (4Q October 2022 GWM Event)
Analytical Data Results Tables of Historical Monitoring Events

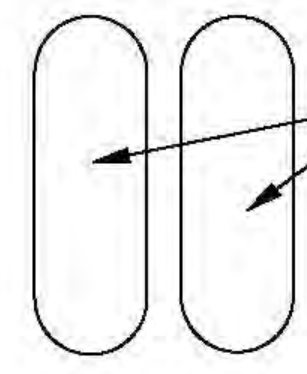


E. PALMER WASILLA HWY



APPROXIMATE LOCATION OF PROPERTY LINE
3600 PALMER-WASILLA HWY

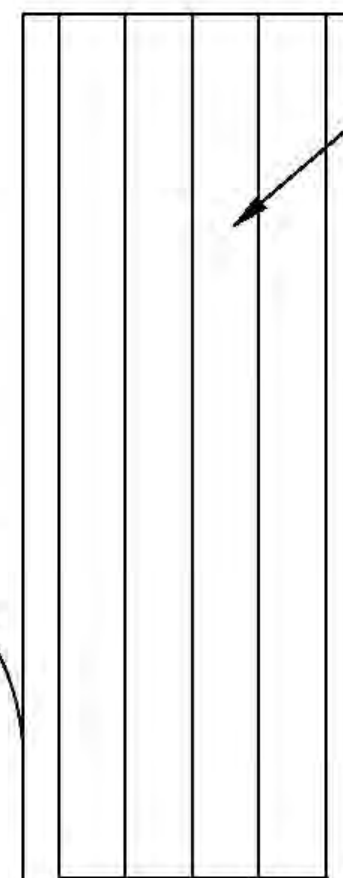
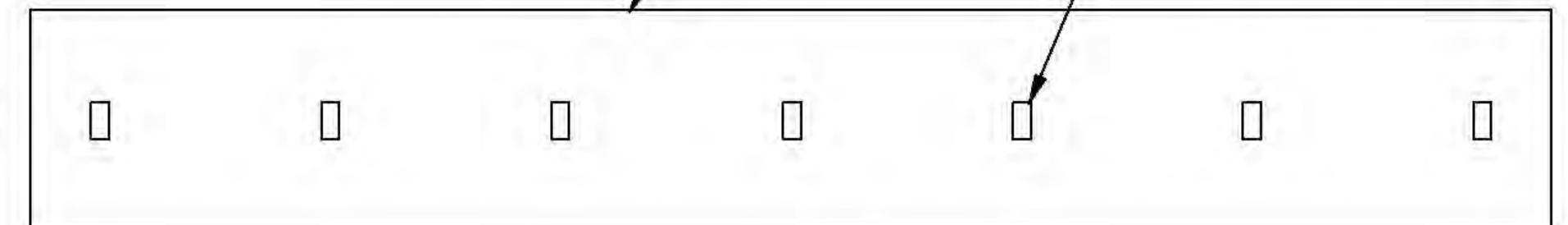
WATER SUPPLY WELL LOCATION



UNDERGROUND STORAGE TANK

CANOPY

FUEL DISPENSER (TYP)



SEPTIC SYSTEM

MW-1



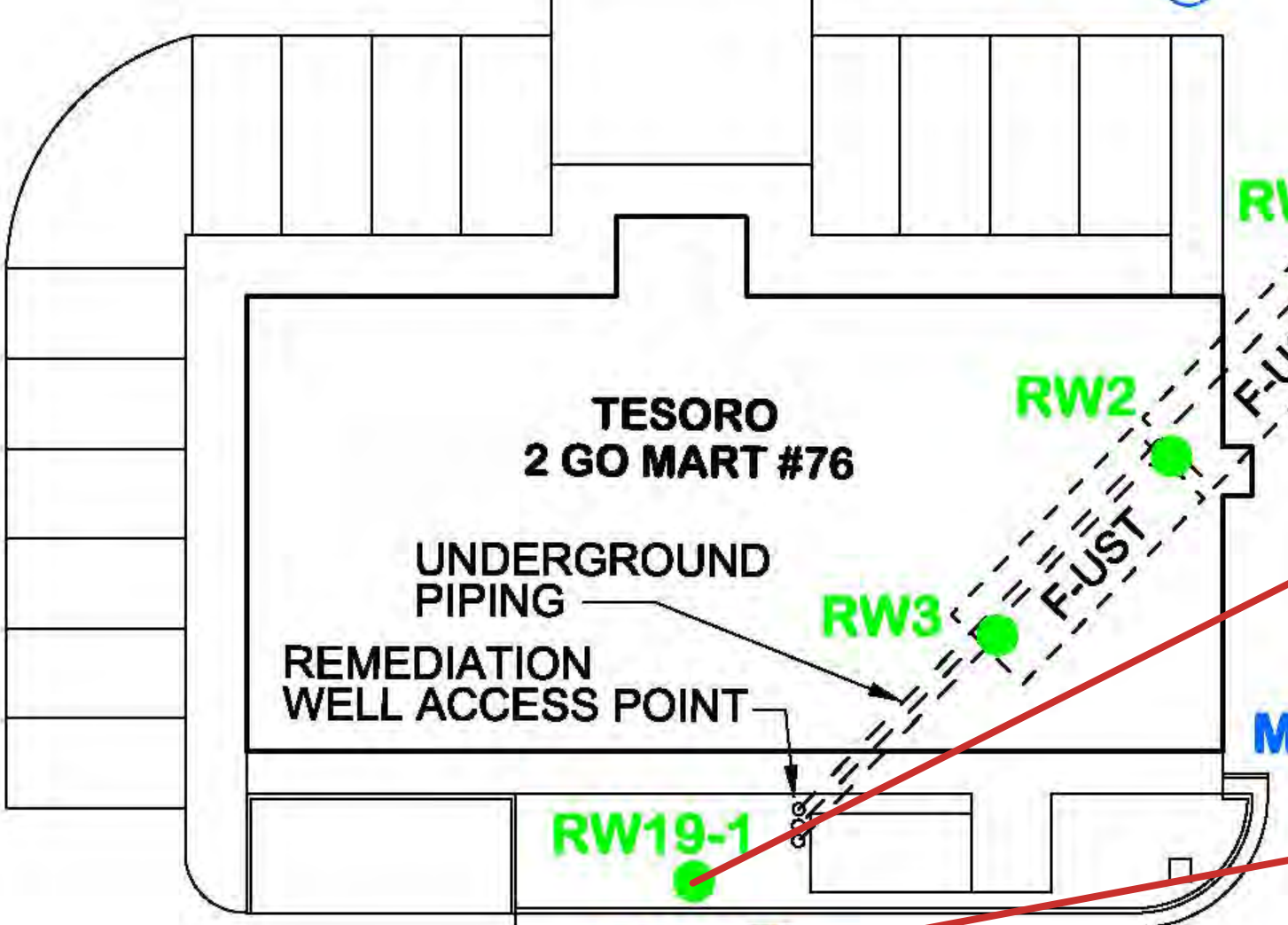
MW-2



MW-3



MW-4



TESORO 2 GO MART #76

CAR WASH

UNDERGROUND PIPING

REMEDIAL WELL ACCESS POINT

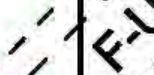
RW19-1



RW3



RW2



RW1



F-UST



SEWARD MERIDIAN PKWY

CAMERON ACRES
BLOCK 1
LOT 7

MW-1	10/5/22
124-TMB	U(0.00100)
135-TMB	U(0.00100)
BENZENE	0.0477
DRO	U(0.800)
ETHYLBENZENE	U(0.00100)
GRO	0.0813
NAPHTHALENE	U(0.000250)
SODIUM	54.8
TOLUENE	U(0.00100)
XYLENES	U(0.00300)

Cameron-7	10/5/22
124-TMB	--
135-TMB	--
BENZENE	U(0.000500)
DRO	--
ETHYLBENZENE	U(0.000500)
GRO	--
NAPHTHALENE	--
SODIUM	--
TOLUENE	U(0.000500)
XYLENES	U(0.000500)

RW19-1	10/5/22
124-TMB	0.00245
135-TMB	0.000995
BENZENE	0.00737
DRO	U(0.800)
ETHYLBENZENE	0.00678
GRO	0.0632
NAPHTHALENE	0.000239
SODIUM	33.6
TOLUENE	U(0.00100)
XYLENES	0.00953

MW-2	10/5/22
124-TMB	0.00907
135-TMB	0.00304
BENZENE	0.00781
DRO	U(0.800)
ETHYLBENZENE	0.00446
GRO	0.117
NAPHTHALENE	U(0.000250)
SODIUM	37.3
TOLUENE	0.000291
XYLENES	0.0105

MW-4	10/5/22
124-TMB	0.0908
135-TMB	0.0428
BENZENE	0.0644
DRO	0.565
ETHYLBENZENE	0.131
GRO	0.885
NAPHTHALENE	0.00746
SODIUM	66.2
TOLUENE	U(0.00500)
XYLENES	0.198

MW-3	10/5/22
124-TMB	0.343
135-TMB	0.0925
BENZENE	0.02
DRO	0.92
ETHYLBENZENE	0.168
GRO	2.83
NAPHTHALENE	0.0042
SODIUM	56
TOLUENE	0.000379
XYLENES	0.618

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

SITE DATA COMPARED TO ADEC Groundwater Cleanup Levels (GCLs)		GCLs	
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
		XYLENES	0.19 mg/L

Analytical Data Results Table

Speedway 5314 TNS 76
 7-Eleven - Paula Sime
 3600 E. Palmer Wasilla Highway
 Wasilla, Alaska 99654

	Well Screen Interval	Ground Water Elevator	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	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
MW-1												
11/06/2014	--	--	—	—	0.027	0.36	U (0.0005)	0.067	—	—	U (0.0005)	U (0.0015)
02/25/2015	--	--	—	—	0.0013	U (0.41)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
06/10/2015	--	--	—	—	U (0.002)	0.5	U (0.003)	U (0.060)	—	—	U (0.002)	U (0.002)
09/02/2015	--	--	—	—	0.0011	U (0.40)	U (0.001)	U (0.1)	—	—	U (0.001)	U (0.003)
11/12/2015	--	--	—	—	0.029	U (0.21)	U (0.003)	0.14	—	—	U (0.002)	U (0.002)
01/20/2016	--	--	—	—	0.071	0.22	U (0.003)	0.18	—	—	U (0.002)	U (0.002)
05/09/2016	--	--	—	—	0.026	U (0.45)	U (0.001)	0.1	—	—	U (0.001)	U (0.003)
10/13/2016	--	--	—	—	0.053	0.36	U (0.001)	0.84	—	—	U (0.001)	U (0.003)
12/09/2016	--	--	—	—	0.027	0.67	U (0.002)	0.067	—	—	U (0.002)	U (0.003)
02/08/2017	--	--	—	—	0.01	0.27	U (0.003)	0.057	—	—	U (0.002)	U (0.002)
04/24/2017	--	--	—	—	0.0096	U (0.0003)	U (0.003)	U (0.001)	—	—	U (0.002)	U (0.003)
09/01/2017	--	--	—	—	0.0068	0.25	U (0.003)	U (1.0)	—	—	U (0.002)	U (0.002)
02/15/2018	--	--	—	—	0.012	U (0.13)	U (0.003)	U (1.0)	—	—	U (0.002)	U (0.003)
06/29/2018	--	--	—	—	0.026	0.3	U (0.003)	U (0.25)	—	—	U (0.002)	U (0.003)
09/11/2018	--	--	—	—	0.01	U (0.27)	U (0.001)	U (0.15)	—	—	U (0.001)	U (0.002)
10/26/2018	--	--	—	—	0.015	0.31	U (0.003)	U (0.25)	—	—	U (0.002)	U (0.003)
02/25/2019	--	--	—	—	0.0037	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	--	--	—	—	0.0071	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	—	—	0.00262	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)	0.00548	0.369	U (0.001)	0.011	U (0.000250)	43.6	U (0.001)	U (0.002)
03/23/2021	--	73.38	—	—	0.000526	U (0.840)	U (0.001)	0.013	—	33.2	U (0.001)	U (0.001)
05/19/2021	--	73.17	U(0.00100)	U(0.00100)	0.00481	U (0.840)	U (0.001)	0.0302	U(0.00500)	35	U (0.001)	U (0.002)
07/14/2021	--	72.93	U (0.00100)	U (0.00100)	0.00177	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)	0.0167	0.427	U (0.001)	0.0669	U(0.000250)	59.7	U (0.001)	U (0.002)
03/17/2022	--	75.93	U(0.00100)	U(0.00100)	0.000111	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)	0.00975	U(0.800)	U(0.00100)	0.0375	U(0.000250)	49.2	U(0.00100)	U(0.00300)
08/19/2022	--	75.72	U(0.00100)	0.000106	0.00606	U(0.800)	U(0.00100)	0.0509	U(0.000250)	85.3	U(0.00100)	0.000456
10/05/2022	--	--	U(0.00100)	U(0.00100)	0.0477	U(0.800)	U(0.00100)	0.0813	U(0.000250)	54.8	U(0.00100)	U(0.00300)

Analytical Data Results Table

Speedway 5314 TNS 76
 7-Eleven - Paula Sime
 3600 E. Palmer Wasilla Highway
 Wasilla, Alaska 99654

	Well Screen Interval	Ground Water Elevator.	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphtthalene	Sodium	Toluene	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
MW-2												
11/06/2014	--	--	--	--	<u>0.067</u>	0.19	<u>0.016</u>	0.68	--	--	0.026	0.13
02/25/2015	--	--	--	--	<u>0.022</u>	U (0.41)	0.0034	0.13	--	--	0.0045	0.02
06/10/2015	--	--	--	--	U (0.002)	1.1	U (0.003)	<u>6.1</u>	--	--	U (0.002)	<u>1.82</u>
09/02/2015	--	--	--	--	<u>0.089</u>	<u>1.8</u>	<u>0.065</u>	U (10)	--	--	0.056	<u>1.4</u>
11/12/2015	--	--	--	--	<u>0.091</u>	<u>1.8</u>	<u>0.13</u>	<u>22</u>	--	--	0.11	0.179
01/20/2016	--	--	--	--	<u>0.52</u>	<u>1.6</u>	<u>0.83</u>	--	--	--	<u>1.5</u>	<u>5.1</u>
05/09/2016	--	--	--	--	<u>0.41</u>	0.95	<u>0.35</u>	U (10)	--	--	0.37	<u>2.8</u>
10/13/2016	--	--	--	--	<u>0.42</u>	0.98	<u>0.48</u>	<u>9.2</u>	--	--	0.63	<u>2.62</u>
12/09/2016	--	--	--	--	<u>0.57</u>	<u>1.7</u>	<u>0.5</u>	<u>11</u>	--	--	0.17	<u>1.01</u>
02/08/2017	--	--	--	--	<u>0.053</u>	0.2	<u>0.021</u>	0.58	--	--	U (0.002)	0.096
04/24/2017	--	--	--	--	<u>0.036</u>	0.94	<u>0.035</u>	<u>2.6</u>	--	--	0.012	<u>0.66</u>
09/01/2017	--	--	--	--	<u>0.083</u>	1.3	<u>0.45</u>	<u>9.7</u>	--	--	0.026	<u>2.33</u>
02/15/2018	--	--	--	--	<u>0.067</u>	0.98	<u>0.14</u>	U (10)	--	--	0.02	<u>0.97</u>
06/29/2018	--	--	--	--	<u>0.17</u>	1.2	<u>0.59</u>	<u>6</u>	--	--	0.25	<u>3.3</u>
09/11/2018	--	--	--	--	<u>0.094</u>	0.74	<u>0.18</u>	<u>4.8</u>	--	--	0.13	<u>1.08</u>
10/26/2018	--	--	--	--	<u>0.17</u>	1	<u>0.48</u>	<u>11</u>	--	--	0.28	<u>3.01</u>
02/25/2019	--	--	--	--	<u>0.092</u>	1.2	<u>0.18</u>	<u>5.4</u>	--	--	0.22	<u>1.41</u>
04/25/2019	--	--	--	--	<u>0.051</u>	0.93	U (0.003)	<u>3.6</u>	--	--	0.13	<u>1.28</u>
07/25/2019	--	--	--	--	<u>0.079</u>	0.89	<u>0.2</u>	<u>5.4</u>	--	--	0.13	<u>1.47</u>
10/18/2019	--	--	--	--	<u>0.025</u>	0.24	<u>0.022</u>	0.74	--	--	0.0065	0.101
08/11/2020	--	74.49	--	--	<u>0.0599</u>	0.553	<u>0.0759</u>	0.921	--	33.2	0.0107	<u>0.465</u>
10/12/2020	--	74.58	<u>0.109</u>	0.0329	<u>0.16</u>	0.409	<u>0.0455</u>	0.755	0.000405	55.2	U (0.001)	0.168
03/23/2021	--	73.53	--	--	<u>0.00542</u>	U (0.840)	U (0.001)	0.0227	--	48.1	U (0.001)	U (0.003)
05/19/2021	--	73.57	0.00278	0.0012	0.00338	U (0.840)	0.000461	0.0374	U(0.00500)	25.4	U (0.001)	0.00501
07/14/2021	--	73.97	0.00487	0.00107	0.00399	0.272	0.00193	0.0504	U (0.00500)	32.8	U (0.001)	0.00465
10/14/2021	--	76.78	<u>0.0706</u>	0.0185	<u>0.0292</u>	0.589	<u>0.0176</u>	0.628	0.000277	50.3	0.0109	0.1308
03/17/2022	--	76.98	0.0113	0.00335	<u>0.0189</u>	0.288	0.00723	0.249	U(0.000250)	180	0.000395	0.02313
06/22/2022	--	74.73	U(0.00100)	U(0.00100)	<u>0.0203</u>	0.38	0.00583	0.327	U(0.000250)	87.7	0.00567	0.00454
08/19/2022	--	77.77	U(0.00100)	U(0.00100)	<u>0.023</u>	0.198	0.00641	0.137	U(0.000250)	86.3	0.00171	0.00775
10/05/2022	--	--	0.00907	0.00304	<u>0.00781</u>	U(0.800)	0.00446	0.117	U(0.000250)	37.3	0.000291	0.0105

Analytical Data Results Table

Speedway 5314 TNS 76
 7-Eleven - Paula Sime
 3600 E. Palmer Wasilla Highway
 Wasilla, Alaska 99654

Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Xylenes
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017			1.1	0.19
MW-3													
11/06/2014	--	--	--	--	5	3.5	37	240	--	--		7.4	39
02/25/2015	--	--	--	--	2.9	8.6	6.7	180	--	--		34	37
06/10/2015	--	--	--	--	5.2	9.5	8.2	210	--	--		38	48
09/02/2015	--	--	--	--	3.7	5.1	4.4	U (200)	--	--		24	28
11/12/2015	--	--	--	--	1.3	3.6	0.21	87	--	--		2.1	1.69
01/20/2016	--	--	--	--	3.8	4.1	4.2	120	--	--		13	25.3
05/09/2016	--	--	--	--	2.1	1.5	2.2	69	--	--		21	33
10/13/2016	--	--	--	--	1.2	2	2.9	46	--	--		4.2	14.6
12/09/2016	--	--	--	--	0.17	3.3	--	100	--	--		--	0.54
02/08/2017	--	--	--	--	39	3.9	53	98	--	--		99	103
04/24/2017	--	--	--	--	2.5	6.7	5.2	U (200)	--	--		14	28.9
09/01/2017	--	--	--	--	0.61	1.9	3.7	75	--	--		9.3	21.4
02/15/2018	--	--	--	--	0.3	1.3	2.9	U (100)	--	--		3.8	15.6
06/29/2018	--	--	--	--	0.28	1.1	1.7	23	--	--		1.1	8.2
09/11/2018	--	--	--	--	0.29	0.91	1	14	--	--		0.53	5.6
10/26/2018	--	--	--	--	0.32	0.93	0.89	15	--	--		0.36	4.3
02/25/2019	--	--	--	--	0.95	4.6	2.3	U (1.3)	--	--		0.69	11.4
04/25/2019	--	--	--	--	0.14	0.64	U (1.5)	11	--	--		0.13	U (1.5)
07/25/2019	--	--	--	--	0.68	1.9	2.4	41	--	--		1.2	11.6
10/18/2019	--	--	--	--	0.21	1.2	1.7	21	--	--		0.66	9.7
08/11/2020	--	75.6	--	--	0.737	4.89	2.99	32.8	--	52.4		1.05	17
10/12/2020	--	76.2	2.91	0.764	0.32	5.22	2.46	29.4	0.0489	66.1		0.868	14.89
03/23/2021	--	75.12	--	--	0.45	U (0.840)	3.73	54.3	--	U(3.00)		1.21	21.6
05/19/2021	--	76.08	2.24	0.631	0.473	5.08	2.04	31.1	U(1.00)	47		0.186	11.1
07/14/2021	--	75.93	2.16	0.594	0.581	3.87	2.65	30.3	U (1.00)	49.8		0.156	12.87
10/14/2021	--	77.13	1.31	0.33	0.084	2.11	0.741	15.8	0.0109	41.2		0.13	4.147
03/17/2022	--	76.99	1.49	0.46	0.0642	3.44	0.0764	13.9	0.0238	110		0.0104	4.351
06/22/2022	--	77.52	1.9	0.62	0.0923	3.24	0.739	10.2	0.0262	74.8		0.0336	3.776
08/19/2022	--	77.96	0.028	0.00707	0.0119	1.49	0.0106	0.559	0.00315	68.9	U(0.00500)		0.2237
10/05/2022	--	--	0.343	0.0925	0.02	0.92	0.168	2.83	0.0042	56	0.000379		0.618

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	Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	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
MW-4												
11/06/2014	--	--	—	—	0.94	0.45	0.3	13	—	—	1.9	1.5
02/25/2015	--	--	—	—	3.7	1	0.56	29	—	—	6.6	2.7
06/10/2015	--	--	—	—	1.1	0.99	0.54	14	—	—	2.3	2.7
09/02/2015	--	--	—	—	0.026	U (0.40)	0.007	0.3	—	—	U (0.001)	0.03
11/12/2015	--	--	—	—	—	U (0.21)	—	U (0.050)	—	—	—	—
01/20/2016	--	--	—	—	0.0043	0.15	U (0.003)	—	—	—	U (0.002)	U (0.002)
05/09/2016	--	--	—	—	0.0092	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	--	--	—	—	0.017	0.18	U (0.003)	U (0.05)	—	—	U (0.002)	U (0.002)
04/24/2017	--	--	—	—	0.012	U (0.0003)	0.0049	U (0.001)	—	—	U (0.002)	U (0.003)
09/01/2017	--	--	—	—	0.55	0.48	0.38	5.1	—	—	U (0.050)	0.74
02/15/2018	--	--	—	—	0.19	0.29	0.26	3.3	—	—	U (0.10)	0.438
06/29/2018	--	--	—	—	0.09	0.19	0.022	0.52	—	—	U (0.002)	0.027
09/11/2018	--	--	—	—	0.0086	U (0.28)	0.0052	U (0.15)	—	—	U (0.001)	0.0062
10/26/2018	--	--	—	—	0.013	0.15	0.0045	U (0.25)	—	—	U (0.002)	0.0089
02/25/2019	--	--	—	—	0.026	0.2	0.0034	U (0.25)	—	—	U (0.002)	0.0089
04/25/2019	--	--	—	—	—	U (0.003)	U (0.27)	U (0.003)	U (0.25)	—	U (0.002)	U (0.003)
07/25/2019	--	--	—	—	0.051	0.16	U (0.003)	U (0.25)	—	—	U (0.002)	0.0078
10/18/2019	--	--	—	—	0.02	U (0.12)	0.0059	U (0.25)	—	—	0.015	0.0277
08/11/2020	--	75.74	—	—	0.054	U (0.800)	0.000455	0.084	—	58.4	U (0.001)	0.00933
10/12/2020	--	76.05	0.0112	0.00174	0.129	U (0.800)	0.00699	0.313	0.000465	36.2	U (0.001)	0.0264
03/23/2021	--	73.83	—	—	0.079	0.266	0.0178	0.274	—	47.1	U (0.001)	0.0345
05/19/2021	--	75.89	0.0171	0.00423	0.0307	U (0.840)	0.00328	0.153	U(0.00500)	67.5	U (0.001)	0.0123
07/14/2021	--	75.81	0.00374	0.000529	0.0176	0.371	0.000375	0.0682	U (0.00500)	76.7	U (0.001)	0.00383
10/14/2021	--	75.05	0.00561	0.000233	0.00564	0.521	0.00318	0.105	0.000209	63.4	U (0.001)	0.00788
03/17/2022	--	76.92	0.273	0.106	0.214	0.683	0.186	2.8	0.00334	41.6	0.168	0.857
06/22/2022	--	76.2	0.401	0.128	0.409	0.816	0.373	4.88	0.00941	91	U(0.0500)	1.49
08/19/2022	--	77.72	U(0.00500)	U(0.00500)	0.0921	1.29	0.0237	0.638	0.00657	104	U(0.00500)	0.00253
10/05/2022	--	--	0.0908	0.0428	0.0644	0.565	0.131	0.885	0.00746	66.2	U(0.00500)	0.198

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Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
			Well Screen Interval	Ground Water Elevation	124-TMB	135-TMB	Benzene	DRO	Ethylbenzene	GRO	Naphthalene	Sodium	Toluene	Xylenes
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017			1.1	0.19	
RW19-1														
08/11/2020	--	73.12	—	—	0.00126	U (0.848)	U (0.001)	U (0.100)	—	—	28.8	U (0.001)	0.000489	
10/12/2020	--	70.87	U (0.001)	U (0.001)	0.000609	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)	0.0119	—	—	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)	0.0158	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)	0.000506	0.387	U (0.001)	0.0426	U(0.000250)	—	32.3	U (0.001)	U (0.002)	
03/17/2022	--	75.68	0.00702	0.00388	0.00488	U(0.888)	0.00311	0.147	0.000108	—	48.2	U(0.00100)	0.02812	
06/23/2022	--	73.55	0.0169	0.00547	0.0257	U(0.800)	0.019	0.223	0.000452	—	36.9	0.00166	0.0822	
08/19/2022	--	69.73	0.00173	0.000659	0.0107	0.443	0.00838	0.21	0.000186	—	36.9	0.00104	0.02244	
10/05/2022	--	--	0.00245	0.000995	0.00737	U(0.800)	0.00678	0.0632	0.000239	—	33.6	U(0.00100)	0.00953	

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	Well Screen Interval	Ground Water Elevator.	Benzene	DRO	Ethylbenzene	Toluene	Xylenes
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.0046	1.5	0.015	1.1	0.19
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)
10/14/2021	--	--	U (0.0005)	0.37	U (0.0005)	U (0.001)	U (0.0005)
10/05/2022	--	--	U(0.000500)	—	U(0.000500)	U(0.000500)	U(0.000500)