



**Stantec Consulting Services Inc.**  
725 East Fireweed Lane Suite 200, Anchorage AK 99503-2245

February 4, 2021

Stantec Project Number: 185751325

Anastasia Duarte, REHS/RS  
Retail Environmental Remediation Administrator, Pacific Division  
Speedway LLC  
18336 Aurora Avenue North, Suite 105, #65028  
Shoreline, Washington 981330-9996

RE: ***2021 Corrective Action Plan***

***Speedway Store 5315 (formerly Tesoro 2 Go Mart 111)***

3679 College Road, Fairbanks, Alaska

ADEC Facility ID #1112; ADEC File #100.26.026

Dear Ms. Duarte:

This letter presents the proposed work plan tasks for the 2021 (calendar year) Corrective Action Plan (CAP) pertaining to the remediation of contamination at the above referenced site. This 2021 CAP will be presented at the annual work session with the Alaska Department of Environmental Conservation (ADEC), Speedway LLC and Stantec Consulting Services Inc. (Stantec). The work session is scheduled for February 4, 2021, and will be presented virtually by Stantec via Microsoft Teams app.

The following sections provide a summary of the work plan tasks that were completed under the ADEC approved 2020 CAP and the proposed work plan tasks for the 2021 CAP. Attached to this letter are the project site plans and analytical test results for samples collected during the completion of the tasks. The site plans and test results will be included in the presentation during the February 4 work session.

### ***2020 Work Plan Tasks***

- ***Task 1 – Groundwater Monitoring***

This task was completed in accordance with the approved 2020 CAP; however, the semi-annual groundwater sampling plan was altered due to temporary shutdown of field work during the first two quarters of 2020 as a result of Covid-19. Consequently, the semi-annual groundwater monitoring events were completed during the last two quarters of 2020.

- Task 2 – Complete Installation of the RM-2 Well Recirculation Groundwater Treatment System

This task was completed in accordance with the approved 2020 CAP.

- Task 3 – O&M Recirculation Well Remediation System

This task was completed in accordance with the approved 2020 CAP; however, the quarterly O&M schedule was altered due to temporary shutdown of field work during the first two quarters of 2020 as a result of Covid-19. Consequently, the O&M work was completed during the last two quarters of 2020.

- Task 4 – Chemical Oxidation (Chemox) Treatment

This task was completed in accordance with the approved 2020 CAP. The chemox treatment was completed during the 3rd and 4th quarters of 2020 due to field work shutdown during the first two quarters of 2020 as a result of Covid-19 precautions.

### ***Proposed Work Plan Tasks for 2021***

- Task 1 –Groundwater Monitoring

This task consists of semi-annual monitoring of the groundwater wells and quarterly monitoring of the remediation/recirculation wells (RM-1 and RM-2). Sampling locations and analyses for the groundwater monitoring wells and remediation wells are listed on the 2021 Work Plan Schedule below.

<b>Work Plan Tasks for 2021</b>		<b>1<sup>st</sup> Quarter</b>	<b>2<sup>nd</sup> Quarter</b>	<b>3<sup>rd</sup> Quarter</b>	<b>4<sup>th</sup> Quarter</b>
Task 1	Monitoring Wells: MW-11, MW-12, MW-13, MW-16, MW-10, G-1, G-5, MW 17-1, and MW 17-2	V, G, D, I & S		V, G, D, P, I & S	
	Recirculation/Remediation Wells: RM-1 and RM-2	V, G, D, I & S	V, G, D, I & S	V, G, D, P, I & S	V, G, D, I & S
Task 2	Install a buried insulated water discharge line from recirculation well RM-2 to connect to water discharge line from RM-1.		✓	✓	
Task 3	O&M Groundwater Recirculation Wells RM-1 & RM-2	✓	✓	✓	✓
Task 4	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 consisting of dissolved oxygen, specific conductance, oxygen-reduction potential, pH, and temperature.

O&M – Operation and Maintenance

V – Volatile organic compounds by EPA Test Method 8260C.

S – Sodium analyzed by Metals (ICP) Method 6010C.

P – Polynuclear aromatic hydrocarbons (PAHs), i.e., semi-volatile organic compounds, by EPA Test Method 8270D Selective Ion Monitoring (SIM).

- Task 2 – Install a buried insulated water discharge line from recirculation well RM-2 to connect to water discharge line from RM-1.

The plumbing system for the discharge of flow from recirculation well RM-2 will be extended to connect via a buried insulated water line from RM-2 to the existing discharge water line from recirculation well RM-1. The plumbing addition will allow the winter shut down of RM-1 pump when the groundwater table drops below the feasible pumping level in the well casing. When RM-1 is seasonally shut down then a portion of the flow from RM-2 will be discharged into the groundwater injection line (former SVE line) located on the southeast edge of the UST.

- Task 3 – O&M Groundwater Recirculation Wells RM-1 & RM-2

Perform quarterly maintenance to operate the remediation system, consisting of the existing 4-inch diameter well RM-1 and 4-inch diameter well RM-2 groundwater recirculation systems for treating the vadose zone soil and groundwater beneath the existing USTs and fuel dispenser islands. The in-situ remediation system provides treatment of the contaminated groundwater with the injection of chemical oxidation (see Task 3). The operation of the submersible pumps for the two treatment systems will run continuously (24-hours per day). The pumping system will be monitored daily for electrical usage, water pressure and water line temperature with iMonnit® wireless sensors and the equipment checked monthly with maintenance provided on an as needed basis.

- Task 4 – Chemical Oxidation Treatment

Stantec proposes to provide chemical oxidation treatment of the petroleum contaminated soil and groundwater three times a year into the three existing horizontal injection lines located beneath the fuel dispenser islands and the two injection lines located on the east side of the USTs. The injection of chemox will occur in the 2nd, 3rd and 4th quarters of the year. The first annual injection will occur in the spring of the year after the winter frost dissipates, and the second and third injections will take place several months later just prior to winter freeze-up. Five hundred (500) gallons of a prepared solution of the chemical oxidant Klozur One® (a chemical mixture consisting primarily of sodium persulfate) will be injected into the five existing horizontal injection lines with a dose of 100 gallons per injection well. The chemox mixture for each well will consist of 110 pounds Klozur One® mixed with approximately 100 gallons of clear water. The horizontal injection well located along the northeast edge of the USTs will receive an additional 200 gallons of clear water to provide a “hydraulic push” to distribute the chemox solution into the surrounding formation. The other four injection lines are continuously dosed with recirculated groundwater discharged from remediation/recirculation wells RM-1 & RM-2. The on-site monitoring wells will be sampled semi-annually as outlined in Task 1 to assess treatment impact on the groundwater table. The remediation/recirculation wells will be sampled on



a quarterly basis. In addition, the groundwater monitoring wells will be sampled for sodium to check on the distribution/migration of the oxidant.

The Corrective Action Plan for the year 2021 will be implemented by Stantec on behalf of Speedway. 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<sup>®</sup> 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 2021 Work Plan Schedule shown above.

If you have any questions or need additional information concerning this 2021 Corrective Action Plan, please contact us at (907) 248-8883.

Regards,

**STANTEC CONSULTING SERVICES INC.**

Michael A. Zidek, PMP  
Project Manager

Bob Gilfilian, P.E.  
Project Technical Lead

Attachments: Location and Vicinity Map  
Site Plan with Groundwater Analytical Results  
Remediation System Layout  
Analytical Test Results (historical tables)





SPEEDWAY STORE 5315  
TESORO 2 GO MART #111  
CORRECTIVE ACTION WORK  
PLAN FOR 2021

LOCATION AND VICINITY MAP

FIGURE

1

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MW 17-2	
Benzene	0.00395
Toluene	0.0235
Et hylbenzene	0.0508
Xylenes	0.218
GRO	0.601
DRO	8.25
Napht halene	(0.00500)
1,2,4-Trimet hylbenzene	0.0265
1,3,5- Trimet hylbenzene	0.0159
Sodium	69.3
GW Elev.	418.62'

RM-2	
Benzene	0.0226
Toluene	0.413
Et hylbenzene	0.274
Xylenes	1.24
GRO	3.98
DRO	1.49
Napht halene	0.0517
1,2,4-Trimet hylbenzene	0.188
1,3,5- Trimet hylbenzene	0.0629
Sodium	48.7
GW Elev.	NM

RM-1	
Benzene	0.00261
Toluene	0.137
Et hylbenzene	0.246
Xylenes	1.89
GRO	4.26
DRO	2.31
Napht halene	0.048
1,2,4-Trimet hylbenzene	0.267
1,3,5- Trimet hylbenzene	0.101
Sodium	52.3
GW Elev.	NM

MW-11	
Benzene	0.000929
Toluene	0.00121
Et hylbenzene	0.0106
Xylenes	0.081
GRO	0.386
DRO	1.06
Napht halene	0.00388
1,2,4-Trimet hylbenzene	0.0182
1,3,5- Trimet hylbenzene	0.00776
Sodium	48.2
GW Elev.	418.60'

MW-10	
Benzene	0.00506
Toluene	0.0387
Et hylbenzene	0.0649
Xylenes	0.198
GRO	1.12
DRO	1.74
Napht halene	0.0128
1,2,4-Trimet hylbenzene	0.0473
1,3,5- Trimet hylbenzene	0.017
Sodium	50.9
GW Elev.	418.63'

MW 17-1	
Benzene	0.0231
Toluene	0.254
Et hylbenzene	0.305
Xylenes	2.1
GRO	5.9
DRO	4.03
Napht halene	0.0516
1,2,4-Trimet hylbenzene	0.308
1,3,5- Trimet hylbenzene	0.122
Sodium	58.1
GW Elev.	418.92'

G-5	
Benzene	0.0016
Toluene	0.00513
Et hylbenzene	0.0148
Xylenes	0.079
GRO	0.251
DRO	2.16
Napht halene	0.00379
1,2,4-Trimet hylbenzene	0.0331
1,3,5- Trimet hylbenzene	0.00696
Sodium	56.7
GW Elev.	418.67'

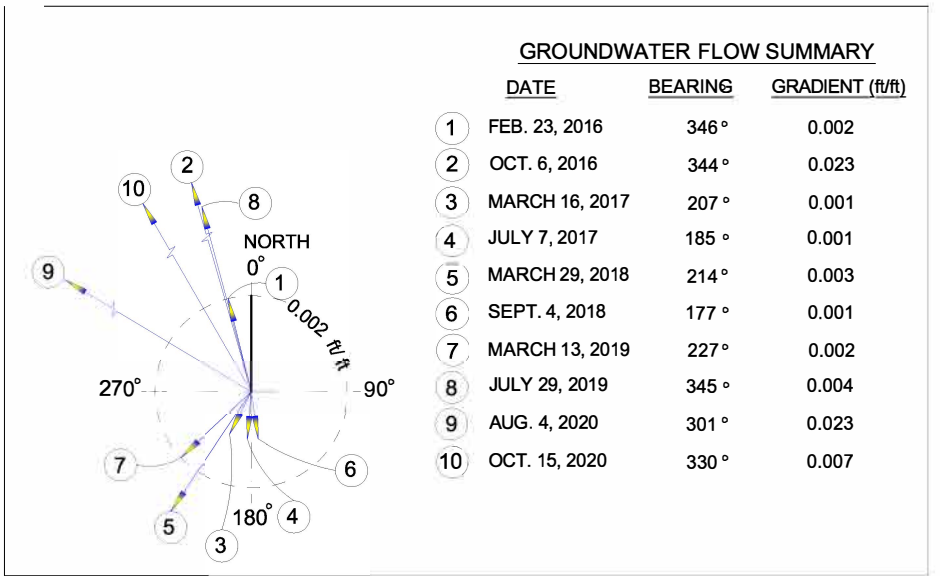
Duplicate G-5	
Benzene	0.000496
Toluene	0.0112
Et hylbenzene	0.00711
Xylenes	0.103
GRO	0.182
DRO	2.49
Napht halene	0.00789
1,2,4-Trimet hylbenzene	0.00248
1,3,5- Trimet hylbenzene	0.00282
Sodium	57.4
GW Elev.	418.67'

G-1	
Benzene	0.0134
Toluene	0.000615
Et hylbenzene	0.000186
Xylenes	0.000653
GRO	(0.10)
DRO	0.362
Napht halene	(0.001)
1,2,4-Trimet hylbenzene	0.000344
1,3,5- Trimet hylbenzene	(0.000104)
Sodium	76.4
GW Elev.	418.84'

MW-16	
Benzene	0.0144
Toluene	0.000556
Et hylbenzene	0.000399
Xylenes	0.0241
GRO	0.0468
DRO	0.918
Napht halene	0.00244
1,2,4-Trimet hylbenzene	0.000829
1,3,5- Trimet hylbenzene	0.000205
Sodium	49.6
GW Elev.	418.63'

MW-13	
Benzene	0.018
Toluene	0.0108
Et hylbenzene	0.155
Xylenes	0.63
GRO	1.86
DRO	1.3
Napht halene	0.0212
1,2,4-Trimet hylbenzene	0.183
1,3,5- Trimet hylbenzene	0.0597
Sodium	140
GW Elev.	418.67'

MW-12	
Benzene	0.0192
Toluene	0.000817
Et hylbenzene	0.123
Xylenes	0.425
GRO	1.08
DRO	0.658
Napht halene	0.0174
1,2,4-Trimet hylbenzene	0.12
1,3,5- Trimet hylbenzene	0.0375
Sodium	56.8
GW Elev.	418.68'

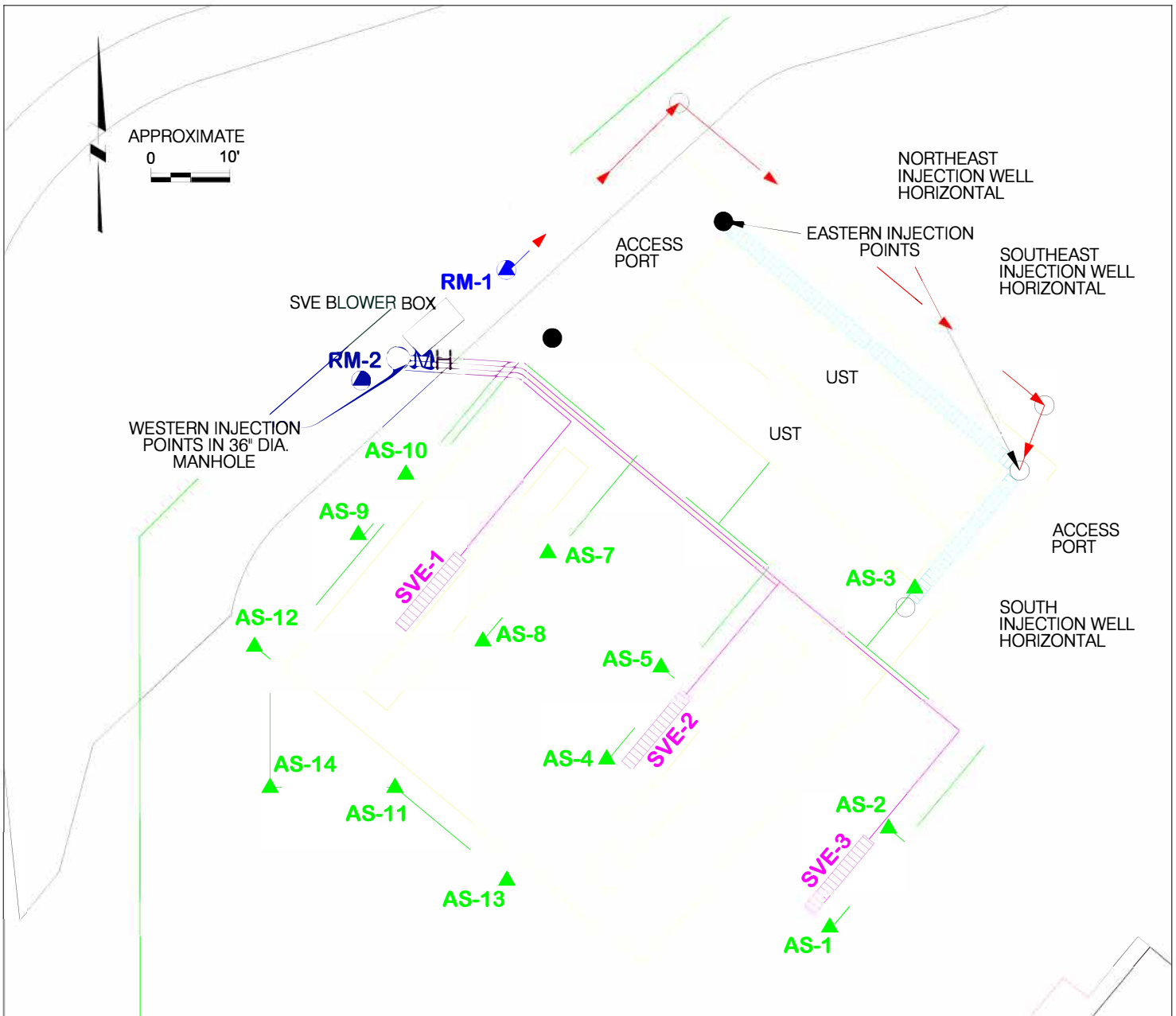


- LEGEND:**
- PROPERTY LINE
  - ▲ MONITORING WELL LOCATION
  - DRO DIESEL RANGE ORGANICS
  - ft/ft FEET PER FOOT
  - GRO GASOLINE RANGE ORGANICS
  - GW Elev. GROUNDWATER ELEVATION IN FEET
  - Italicized* ESTIMATED VALUE
  - NM NOT MEASURED
  - ( ) UNDETECTED ABOVE PRACTICAL QUANTITATION LIMIT SHOWN IN PARENTHESES

- NOTES:**
1. RESULTS SHOWN ARE FOR WELLS SAMPLED ON OCTOBER 14-15, 2020.
  2. RESULTS ARE IN MILLIGRAMS PER LITER.
  3. RED TEXT INDICATES CONTAMINANT CONCENTRATIONS ABOVE CLEANUP LEVELS FOR THIS SITE.
  4. RM-1 and RM-2 OPERATING DURING GAUGING.



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**LEGEND:**

- PROPERTY LINE
- RIGHT OF WAY
- ▲ MONITORING WELL
- ▲ AIR SPARGE (AS) WELL AND PIPING
- CIRCULATION LINE WITH DIRECTION OF FLOW
- 2" SOIL VAPOR EXTRACTION (SVE) LINE POLYVINYL CHLORIDE PIPING
- SVE HORIZONTAL (20 SLOT WELL SCREENING) PIPING
- HORIZONTAL INJECTION WELL PIPING
- UST      UNDERGROUND STORAGE TANK

**NOTES:**

- RM-1**      OUTFITTED WITH SUBMERSIBLE PUMP
- RM-2**      OUTFITTED WITH SUBMERSIBLE PUMP

TESORO  
#111



SPEEDWAY 5315  
TESORO 2 GO MART #111  
CORRECTIVE ACTION WORK  
PLAN FOR 2021

REMEDATION SYSTEM LAYOUT

FIGURE

3

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Analytical Test Results (Historical Tables)

Monitoring Well MW-10

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
10-Mar-94	19	24	2.3	19	NT	NT	NM	418.07
09-Sep-94	15.2	18	0.9	14.9	NT	NT	NM	419.89
12-Dec-94	16.7	20	2.1	15.5	NT	NT	NM	418.1
15-Aug-97	8.3	14.4	1.16	9.35	77	NT	NM	415.92
27-May-99	6.88	13.4	1.35	7.17	64	12.8	NM	415.09
17-Apr-00	1.86	7.06	0.887	3.47	35	5.84	NM	413.89
26-Oct-00	1.88	7.2	0.914	5.53	39.7	9.04	NM	417.44
13-Dec-01	2.7	9.6	1.59	7.73	53.8	10.1	NM	413.14
01-May-02	0.0122	0.0074	0.0137	0.117	1.1	1.96	NM	414.55
19-Aug-02	1.92	3.55	0.664	3.512	27.5	15.9	NM	417.86
05-Nov-02	0.0456	0.00533	0.0368	0.1189	1.7	6.78	NM	417.06
19-Mar-03	0.477	0.313	0.319	1.404	8.8	12.9	NM	416.21
05-Aug-03	2.54	8.79	0.876	7.09	61.8	17.6	NM	418.43
08-Mar-04	0.198	0.912	U (0.025)	2.89	12.8	10.3	NM	414.92
15-Sep-04	0.0802	0.00234	0.0497	0.446	2.06	6.01	NM	416.64
15-Jul-05	0.416	3.37	0.513	3.63	25.6	14.9	NM	417.82
27-Jul-06	0.413	5.3	0.714	4.88	32.5	16.3	NM	417.06
02-Mar-07	0.203	2.33	0.545	3.9	32.8	8.8	NM	414.23
17-Oct-07	0.00324	0.00102	0.0105	0.0406	1.15	6.43	NM	416.47
05-Jun-08	0.23	2.9	1.18	8.14	38.4	10.2	NM	415.69
29-Sep-08	0.00139	0.00403	0.012	0.0777	1.18	3.67	NM	417.20
25-Feb-09	0.0778	2.7	1.18	8.89	43.4	30.3	NM	NM
21-Jul-09	0.014	1.77	1.26	12.2	47.3	11.8	NM	416.71
17-Mar-10	0.0027	1.50	1.20	9.5	92	16.2	NM	413.98
15-Sep-10	0.00635	0.0902	0.776	4.06	16.2	21.3	NM	416.60
22-Mar-11	0.00425	0.0195	0.678	3.15	16.0	17.4	NM	414.01
01-Sep-11	0.00673	0.0908	0.498	3	22.5	30.5	NM	417.49
13-Mar-12	U (0.010)	U (0.010)	0.118	0.679	4.2	10.3	NM	414.42
23-Jul-12	0.00226	0.0012	0.00161	U (0.0030)	0.32	2.57	NM	416.97
21-Feb-13	0.000877	0.00156	0.00702	0.166	2.69	4.55	NM	414.24
13-Aug-13	0.00245	0.00455	0.022	0.0755	1.59	10.3	NM	416.54*
19-Mar-14	0.000642	0.00404	0.015	0.119	1.98	7.82	NM	414.30
31-Jul-14	0.011	0.00240	0.047	1.20	5.0	10.0	NM	419.65
03-Mar-15	0.00067	U (0.0005)	0.0020	0.0063	0.23	3.2	NM	414.98
27-Jul-15	0.0012	0.0020	0.0037	0.011	0.65	4.0	NM	416.16
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	2.7	NM	415.20
06-Oct-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	2.3	NM	418.72
16-Mar-17	0.011	0.0027	0.16	0.489	3.7	6.7	NM	414.92
29-Mar-18	0.022	0.01	0.35	1.3	9.6	13	NM	414.6
07-Sep-18	0.027	0.0052	0.27	1.283	5.2	13	NM	418.69
13-Mar-19	0.016	U (0.002)	0.21	0.726	3.5	8	NM	415.23
29-Jul-19	U (0.15)	U (0.1)	0.2	0.82	5.6	13	NM	416.33
04-Aug-20	0.0577	0.142	0.6	1.89	4.2	1.9	60	419.74
15-Oct-20	0.00506	0.0387	0.0649	0.198	1.12	1.74	50.9	418.63
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	<b>NA</b>	<b>NA</b>

\* Event dates that sampling did not occur on have been removed from this chart.



Analytical Test Results (Historical Tables)

Monitoring Well MW-11

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
28-Sep-12	0.235	0.594	0.873	5.52	40.3	19.4	NM	416.27
21-Feb-13	0.0177	0.00707	1.61	7.2	41.1	5.72	NM	414.26
13-Aug-13	0.257	0.0152	0.600	1.15	5.45	7.79	NM	416.53
19-Mar-14	0.0933	0.0548	0.915	3.28	22.1	14.1	NM	414.33
31-Jul-14	0.088	0.032	0.510	2.0	10.0	7.0	NM	419.65
03-Mar-15	0.038	0.071	0.600	2.9	17.0	3.0	NM	414.99
27-Jul-15	0.460	0.160	1.50	6.6	34.0	13.0	NM	416.20
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	0.0025	0.13	1.2	NM	415.22
06-Oct-16	U (0.001)	U (0.001)	0.0068	0.0025	0.20	0.77	NM	418.74
16-Mar-17	U (0.2)	0.48	0.89	3.99	14	6.2	NM	414.93
07-Jul-17	0.110	0.260	0.400	1.76	7.10	7.40	NM	416.97
29-Mar-18	U (0.15)	0.71	0.92	6.1	U (90)	8.0	NM	414.62
07-Sep-18	0.068	0.066	0.57	2.29	7.8	3.2	NM	418.71
13-Mar-19	0.1	0.3	0.85	5	19	9.9	NM	415.23
29-Jul-19	U (0.15)	0.16	0.67	4.96	15	9.8	NM	416.28
04-Aug-20	0.057	0.00403	0.434	1.75	5.63	3.51	NM	419.64
15-Oct-20	0.000929 J	0.00121	0.0106	0.081	0.386 J	1.06 J	48.2	418.6
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Monitoring Well MW-12

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
28-Sep-12	0.00438	13.9	3.51	19.5	165	2.74	NM	416.30
21-Feb-13	0.012	7.69	2.69	12.8	71.1	3.66	NM	414.30
13-Aug-13	0.0334	7.30	1.00	6.21	22.6	6.05	NM	416.54
24-Sep-13	0.00913	1.65	0.344	1.72	8.35	7.11	NM	NM
19-Nov-13	0.0117	1.83	0.527	2.19	13.5	11.7	NM	415.65
19-Mar-14	0.0128	2.24	0.663	5.34	27.9	11.4	NM	414.40
31-Jul-14	U (0.0005)	0.01	0.003	0.015	0.18	0.5	NM	419.67
03-Mar-15	U (0.0005)	0.01	0.022	0.240	6.8	1.2	NM	416.05
27-Jul-15	0.00057	0.011	0.026	0.190	3.2	0.99	NM	416.21
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.32	NM	415.28
06-Oct-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.39	NM	418.79
16-Mar-17	U (0.02)	U (0.02)	0.3	0.52	3.8	1.5	NM	415.00
07-Jul-17	U (0.002)	U (0.04)	0.13	0.38	2.8	1.4	NM	417.04
29-Mar-18	U (0.003)	U (0.002)	U (0.003)	U (0.002)	2.0	0.58	NM	414.69
07-Sep-18	U (0.0004)	U (0.001)	0.019	0.063	1.1	0.56	NM	418.78
13-Mar-19	U (0.003)	U (0.002)	0.01	0.055	1.3	0.78	NM	415.30
30-Jul-19	U (0.003)	U (0.002)	U (0.003)	0.0039	0.26	0.47	NM	416.38
03-Aug-20	0.000353	0.0364	0.054	0.487	1.23	0.852	48.7	422.58
14-Oct-20	0.0192	0.000817 J	0.123	0.425	1.08	0.658 J	56.8	418.68
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Analytical Test Results (Historical Tables)

Monitoring Well MW-13

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
28-Sep-12	U (0.0005)	0.0316	<b>0.0263</b>	<b>0.609</b>	<b>8.11</b>	0.738	NM	416.31
21-Feb-13	0.00130	U (0.0005)	0.0125	0.167	0.649	<b>1.90</b>	NM	414.31
13-Aug-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.839	NM	416.55
24-Sep-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.736	NM	NM
19-Nov-13	U (0.0005)	0.000751	U (0.0005)	0.00168	U (0.05)	0.478	NM	415.48
18-Mar-14	0.00067	0.000846	U (0.0005)	0.00208	0.0593	1.13	NM	414.42
31-Jul-14	U (0.0005)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	U (0.42)	NM	419.67
03-Mar-15	<b>0.02</b>	U (0.0005)	<b>0.028</b>	0.130	0.820	0.62	NM	415.04
27-Jul-15	U (0.0005)	U (0.0005)	0.0014	0.0046	U (0.05)	0.58	NM	416.24
23-Feb-16	U (0.001)	U (0.001)	0.0096	0.073	1.0	<b>2.3</b>	NM	415.31
06-Oct-16	U (0.001)	U (0.001)	U (0.001)	0.0058	U (0.05)	0.65	NM	418.8
16-Mar-17	U (0.002)	U (0.002)	U (0.0053)	0.013	0.150	0.44	NM	415.02
07-Jul-17	U (0.002)	U (0.002)	U (0.003)	U (0.002)	U (1.0)	0.32	NM	417.06
29-Mar-18	U (0.003)	U (0.002)	U (0.003)	U (0.002)	U (1)	0.45	NM	414.70
07-Sep-18	U (0.0004)	U (0.001)	U (0.001)	U (0.002)	U (0.15)	0.43	NM	418.76
13-Mar-19	U (0.003)	U (0.002)	0.0072	0.0094	U (1.3)	0.36	NM	415.34
29-Jul-19	U (0.003)	U (0.002)	0.0085	0.0214	0.45	1.1	NM	416.37
03-Aug-20	0.000323	0.0351	<b>0.0439</b>	<b>0.454</b>	1.01	0.6	49.6	419.57
14-Oct-20	<b>0.018</b>	0.0108	<b>0.155</b>	<b>0.63</b>	1.86	1.3	140.0	418.67
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Analytical Test Results (Historical Tables)

Monitoring Well MW-16

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
26-Feb-92	0.004	U	U	U	NT	NT	NM	418.29
04-Jun-92	0.003	U	U	0.007	NT	NT	NM	418.41
30-Nov-92	<b>0.51</b>	0.094	0.056	0.15	NT	NT	NM	416.6
24-Feb-93	<b>0.41</b>	0.033	0.036	0.084	NT	NT	NM	418.13
18-Aug-93	<b>0.099</b>	U	U	0.014	NT	NT	NM	420.26
23-Nov-93	<b>0.039</b>	U	U	0.004	NT	NT	NM	419.59
10-Mar-94	<b>0.005</b>	0.001	U	U	NT	NT	NM	418.28
01-Jun-94	<b>0.022</b>	U	0.003	0.003	NT	NT	NM	418.82
08-Sep-94	U	U	U	U	NT	NT	NM	420.22
14-Dec-94	<b>0.012</b>	U	0.001	U	NT	NT	NM	418.22
20-Dec-95	<b>0.055</b>	U	U	0.003	NT	NT	NM	414.53
16-May-96	<b>0.007</b>	U	U	U	NT	NT	NM	415.78
15-Aug-96	U	U	U	U	NT	NT	NM	416.58
09-Dec-96	<b>0.0071</b>	U	U	U	NT	NT	NM	415.43
20-Mar-97	<b>0.0056</b>	U	U	U	NT	NT	NM	414.4
18-Nov-97	0.00134	0.00101	U	0.00135	U	NT	NM	415.22
01-May-98	<b>0.00567</b>	0.00308	0.00193	0.00739	0.089	0.534	NM	414.38
14-Oct-98	U	U	U	0.00222	U	0.281	NM	416.59
27-May-99	0.00203	U	U	U	U	<b>2.64</b>	NM	415.29
05-Nov-99	U	U	U	U	U	<b>13</b>	NM	415.51
17-Apr-00	0.00305	U	U	U	U	<b>3.66</b>	NM	414.15
26-Oct-00	0.00186	0.00261	U	0.003	U	<b>3.98</b>	NM	417.47
30-May-01	0.0007	U	U	U	U	<b>6.65</b>	NM	413.63
13-Dec-01	<b>0.0480</b>	0.302	0.0109	0.0554	0.9	<b>5.29</b>	NM	413.23
19-Aug-02	U (0.0005)	U (0.002)	U (0.002)	0.00896	U (0.09)	U (0.5)	NM	417.85
05-Nov-02	0.000589	U (0.002)	U (0.002)	0.00234	U (0.09)	0.595	NM	417.07
19-Mar-03	0.000531	0.00653	U (0.002)	0.00469	U (0.09)	1.1	NM	416.23
08-Mar-04	U (0.0005)	0.0288	U (0.0005)	U (0.001)	0.072	<b>2.85</b>	NM	414.95
15-Sep-04	0.0006	0.0143	U (0.0005)	U (0.0015)	0.0521	1.36	NM	416.65
10-Jan-05	0.000648	0.0886	U (0.0005)	0.00221	0.175	1.24	NM	414.70
15-Jul-05	0.0007	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	1.06	NM	417.99
16-Feb-06	U (0.0005)	0.0225	U (0.0005)	U (0.0015)	0.0641	<b>2.09</b>	NM	414.58
27-Jul-06	0.000638	0.0108	U (0.0005)	U (0.0015)	U (0.05)	1.06	NM	417.08
02-Mar-07	U (0.0005)	0.00206	U (0.0005)	U (0.0015)	U (0.05)	<b>1.95</b>	NM	414.25
17-Oct-07	U (0.0025)	0.00318	U (0.0025)	U (0.0075)	U (0.25)	<b>6.53</b>	NM	416.62
05-Jun-08	U (0.0005)	0.0117	U (0.0005)	U (0.0015)	0.0761	<b>4.4</b>	NM	415.88*
29-Sep-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	<b>2.69</b>	NM	417.26
25-Feb-09	U (0.0005)	0.0135	U (0.0005)	U (0.0015)	0.0633	<b>3.44</b>	NM	414.49
21-Jul-09	U (0.0005)	U (0.001)	U (0.001)	U (0.003)	U (0.05)	0.564	NM	416.76
17-Mar-10	U (0.001)	U (0.001)	U (0.001)	U (0.002)	U (0.05)	0.586	NM	413.98
15-Sep-10	U (0.0005)	U (0.0005)	0.000796	0.00508	U (0.05)	<b>2.35</b>	NM	416.52
22-Mar-11	U (0.0005)	0.0852	U (0.0005)	U (0.0015)	0.221	<b>2.82</b>	NM	413.98
01-Sep-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	<b>2.38</b>	NM	417.42
13-Mar-12	U (0.0005)	0.0845	U (0.0005)	U (0.0015)	0.241	<b>4.18</b>	NM	414.39
23-Jul-12	U (0.0005)	U (0.0010)	U (0.0010)	U (0.0030)	U (0.05)	1.04	NM	417.64
21-Feb-13	U (0.0005)	0.066	U (0.0005)	U (0.0015)	0.182	1.38	NM	414.34
13-Aug-13	U (0.0005)	0.00143	U (0.0005)	U (0.0015)	U (0.05)	<b>3.61</b>	NM	416.56
18-Mar-14	U (0.0005)	0.0694	U (0.0005)	U (0.0015)	0.178	<b>3.17</b>	NM	414.51
31-Jul-14	U (0.0005)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	<b>2.3</b>	NM	419.7
03-Mar-15	<b>0.015</b>	0.039	0.0073	0.130	0.740	1.3	NM	415.2
27-Jul-15	<b>0.0068</b>	0.0016	0.0057	0.071	0.420	0.81	NM	416.22
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	0.0058	U (0.05)	0.40	NM	415.26



### Analytical Test Results (Historical Tables)

06-Oct-16	U (0.001)	U (0.001)	U (0.001)	0.0024	U (0.05)	0.35	NM	418.77
16-Mar-17	U (0.002)	U (0.002)	U (0.003)	U (0.002)	U (0.05)	0.88	NM	414.98
07-Jul-17	U (0.002)	U (0.002)	U (0.003)	U (0.003)	U (1.0)	<b>3.7</b>	NM	417.02
07-Sep-18	U (0.0004)	U (0.001)	U (0.001)	U (0.002)	U (0.15)	0.34	NM	418.73
13-Mar-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (1.3)	<b>1.9</b>	NM	415.27
30-Jul-19	U (0.003)	U (0.002)	U (0.003)	0.003	U (0.25)	0.39	NM	415.37
14-Oct-20	<b>0.0144</b>	0.000556 J	0.000399 J	0.0241	0.0468 J	0.918	49.60	418.63
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\* Event dates that sampling did not occur on have been removed from this chart.

Analytical Test Results (Historical Tables)

Monitoring Well G-1

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
20-Dec-95	1.54	1.26	0.56	2.53	NT	NT	NM	414.48
16-May-96	5.9	3.9	1.8	8.2	NT	NT	NM	415.71
09-Dec-96	2.1	2.1	0.73	3.1	NT	NT	NM	NM
20-Mar-97	2.1	2.5	0.81	4.3	NT	NT	NM	NM
18-Nov-97	4.91	4.21	1.89	8	NT	NT	NM	415.22
01-May-98	4.83	6.67	2.18	10.13	60	5.03	NM	NM
14-Oct-98	5.04	3.81	1.8	7.47	43	4.37	NM	416.35
27-May-99	4.34	5.02	1.94	8.89	43	5.46	NM	415.3
05-Nov-99	2.59	1.74	1.01	3.89	23	3.16	NM	415.48
17-Apr-00	3.12	3.77	1.64	7.14	46	5.9	NM	414.06
26-Oct-00	3.04	0.596	1.15	3.39	23	2.19	NM	417.48
30-May-01	1.59	0.158	0.727	1.87	17	2.61	NM	413.6
01-May-02	1.3	0.0371	0.683	1.51	8.6	1.84	NM	414.52
19-Aug-02	0.89	0.0588	0.774	1.465	13.5	1.41	NM	417.79
05-Nov-02	0.0616	U (0.002)	0.00845	0.0666	0.787	U (0.5)	NM	417.06
19-Mar-03	0.00765	U (0.002)	U (0.002)	0.00242	U (0.09)	0.509	NM	416.18**
05-Aug-03	0.11	0.00209	0.101	0.062	1.3	U (0.32)	NM	418.33
08-Mar-04	0.00979	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.37)	NM	414.92
15-Sep-04	0.00206	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.385)	NM	416.65
10-Jan-05	0.0327	U (0.0005)	0.000623	U (0.0015)	0.134	U (0.388)	NM	414.58
15-Jul-05	0.0626	U (0.0005)	0.0445	0.00354	0.426	U (0.391)	NM	417.94
16-Feb-06	0.00406	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.397)	NM	414.54
27-Jul-06	0.0222	0.000805	0.0104	0.00217	0.163	U (0.397)	NM	417.37
02-Mar-07	0.00159	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.424)	NM	414.59
17-Oct-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	NM	416.88
05-Jun-08	0.00614	U (0.0005)	U (0.0005)	0.00379	0.082	0.877	NM	415.81*
29-Sep-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.435)	NM	417.21
25-Feb-09	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	NM	414.48
21-Jul-09	0.00601	U (0.001)	U (0.001)	0.00363	0.0954	U (0.397)	NM	416.75
17-Mar-10	U (0.001)	U (0.001)	U (0.001)	U (0.002)	U (0.05)	U (0.431)	NM	414.03
15-Sep-10	U (0.0005)	U (0.0005)	0.00926	0.0619	0.15	U (0.385)	NM	416.56
22-Mar-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.657	NM	413.97
01-Sep-11	0.0029	0.000601	U (0.0005)	U (0.0015)	0.0719	U (0.410)	NM	417.44
13-Mar-12	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.446)	NM	414.37
23-Jul-12	0.0134	U (0.0010)	U (0.0010)	U (0.0030)	0.263	U (0.397)	NM	417.01
21-Feb-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.431)	NM	414.26
13-Aug-13	0.00621	0.000688	U (0.0005)	U (0.0015)	U (0.05)	U (0.413)	NM	416.50
18-Mar-14	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	NM	414.38
31-Jul-14	0.0026	U (0.001)	0.0022	U (0.001)	0.056	0.67	NM	419.66
03-Mar-15	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.45)	NM	415.09
27-Jul-15	U (0.00054)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.25	NM	416.21
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	U (0.11)	NM	415.25
06-Oct-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.24	NM	418.73
16-Mar-17	0.0058	U (0.002)	U (0.003)	U (0.002)	U (0.05)	0.60	NM	414.96
29-Mar-18	0.0041	U (0.002)	U (0.003)	U (0.002)	U (1)	0.76	NM	414.63
07-Sep-18	0.0024	U (0.001)	U (0.001)	U (0.002)	U (0.15)	0.28	NM	418.62
12-Mar-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	9.4	0.33	NM	415.23
29-Jul-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (0.25)	0.30	NM	416.29
03-Aug-20	0.000817	U (0.001)	U (0.001)	U (0.003)	0.0109	U (0.800)	66.40	419.66
14-Oct-20	0.0134	0.000615	0.000186	0.000653	U (0.10)	0.362	76.4	418.84
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Analytical Test Results (Historical Tables)

Monitoring Well G-2

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
20-Dec-95	0.069	U	U	U	NT	NT	NM	414.49
16-May-96	0.2	U	U	U	NT	NT	NM	415.74
15-Aug-96	0.32	U	U	U	NT	NT	NM	416.57
09-Dec-96	0.14	U	U	U	NT	NT	NM	415.42
20-Mar-97	0.002	U	U	U	NT	NT	NM	414.4
15-Aug-97	0.0253	U	U	U	0.077	NT	NM	415.88
18-Nov-97	U	U	U	0.00169	U	NT	NM	415.2
01-May-98	0.00523	U	U	0.00139	U	0.221	NM	414.35
14-Oct-98	0.0318	U	U	0.00135	0.076	0.248	NM	416.55
27-May-99	U	0.00624	U	0.00326	U	0.345	NM	415.27
05-Nov-99	0.0514	U	U	U	0.13	U	NM	415.47
17-Apr-00	0.00749	U	U	U	U	U	NM	414.12
26-Oct-00	0.0051	0.0032	U	0.00759	U	U	NM	417.44
30-May-01	U	U	U	U	U	U	NM	413.58
13-Dec-01	U	U	U	U	U	U	NM	413.04
01-May-02	U	U	U	U	U	U	NM	414.52
19-Aug-02	0.000596	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.505)	NM	417.79
05-Nov-02	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.5)	NM	416.99
05-Aug-03	NT	NT	NT	NT	NT	NT	NM	NM
15-Oct-20	NT	NT	NT	NT	NT	NT	NM	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\*Ground Water monitoring did not occurred between March 19, 2003 to October 15, 2020

Monitoring Well G-3

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
01-Apr-99	U	0.001	U	U	U	U	NM	NT
27-May-99	U	U	U	U	U	0.413	NM	415.18
05-Nov-99	U	U	U	U	U	0.883	NM	415.41
17-Apr-00	U	U	U	U	U	U	NM	414.07
26-Oct-00	U	U	U	U	U	U	NM	418.18
30-May-01	0.00029	U	0.000718	0.001855	U	U	NM	413.49
13-Dec-01	0.00064	U	U	U	U	U	NM	413.07
01-May-02	NT	NT	NT	NT	NT	NT	NM	NM
19-Aug-02	U (0.0005)	U (0.002)	U (0.002)	0.00241	U (0.09)	U (0.505)	NM	417.74
05-Nov-02	NT	NT	NT	NT	NT	NT	NM	NM
19-Mar-03	NT	NT	NT	NT	NT	NT	NM	NM
05-Aug-03	Monitoring Well Destroyed							
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\*Ground Water monitoring did not occurred after November 05, 2002



Analytical Test Results (Historical Tables)

Monitoring Well G-4

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
01-Apr-99	U	U	U	U	U	U	NM	NM
27-May-99	U	U	U	U	U	U	NM	415.26
05-Nov-99	U	U	U	U	U	U	NM	415.48
17-Apr-00	U	U	U	U	U	U	NM	414.04
26-Oct-00	U	U	U	U	U	U	NM	418.25
30-May-01	U	U	U	0.001	U	U	NM	413.59
13-Dec-01	U	U	U	U	U	U	NM	413.19
01-May-02	NT	NT	NT	NT	NT	NT	NM	NM
19-Aug-02	0.000545	U (0.002)	U (0.002)	0.00366	U (0.09)	U (0.5)	NM	418.13
05-Nov-02	NT	NT	NT	NT	NT	NT	NM	NM
15-Oct-20	NT	NT	NT	NT	NT	NT	NM	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\*Ground Water monitoring did not occurred between November 05, 2002 to October 15, 2020

Analytical Test Results (Historical Tables)

Monitoring Well G-5

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
30-May-01	12.4	11.5	2.1	9.9	107	6.47	NM	412.59
13-Dec-01	6.21	8.71	1.71	12.74	72.8	3.05	NM	413.22
01-May-02	11.9	7.7	1.95	15.1	83.4	6.75	NM	414.55
19-Aug-02	12.9	7.31	2	8.53	86.6	7.85	NM	417.8
05-Nov-02	5.7	4.37	1.38	6.7	41.9	7.17	NM	417.05
19-Mar-03	2.46	1.75	0.741	5.25	30	7.55	NM	416.19
07-Nov-03	NT	NT	NT	NT	NT	NT	NM	NM
08-Mar-04	0.00254	0.00495	0.00104	0.0327	0.126	3.45	NM	414.93
15-Sep-04	0.00577	0.00126	0.000506	0.00467	0.061	1.84	NM	416.64
10-Jan-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	1.22	NM	414.80
15-Jul-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	1.19	NM	417.83
27-Jul-06	NT	NT	NT	NT	NT	NT	NM	417.09
27-Jul-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.865	NM	417.09
02-Mar-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	1.03	NM	414.24
17-Oct-07	0.000837	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	3.44	NM	416.22
05-Jun-08	U (0.0005)	U (0.0005)	0.00452	0.0316	0.112	1.1	NM	415.73
29-Sep-08	U (0.0005)	U (0.0005)	0.00458	0.0103	0.0794	1.66	NM	417.20
25-Feb-09	0.00068	0.00053	0.0579	0.174	2.53	1.3	NM	414.45
21-Jul-09	0.0018	U (0.0010)	U (0.001)	U (0.003)	U (0.05)	1.27	NM	416.73
17-Mar-10	0.013	0.0014	0.19	0.37	4.4	0.961	NM	413.98
15-Sep-10	0.0849	0.000886	0.00279	0.0149	0.287	1.10	NM	416.59
22-Mar-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	1.04	NM	413.96
01-Sep-11	0.00331	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.898	NM	417.44
13-Mar-12	0.0307	0.00346	0.113	0.23	3.63	1.02	NM	414.37
21-Feb-13	NT	NT	NT	NT	NT	NT	NM	NM
13-Aug-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.884	NM	416.50
18-Mar-14	0.025	0.00612	0.0739	0.161	2.44	0.778	NM	414.36
31-Jul-14	0.49	0.0064	0.071	0.21	2.2	1.40	NM	419.24
03-Mar-15	U (0.0005)	U (0.0005)	U (0.0005)	0.0015	U (0.05)	0.430	NM	414.58
27-Jul-15	0.92	0.57	0.59	1.1	10	1.40	NM	416.18
23-Feb-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.21	NM	415.19
06-Oct-16	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.95	NM	418.75
16-Mar-17	0.27	0.36	0.56	1.91	7.9	1.3	NM	414.93
07-Jul-17	NT	NT	NT	NT	NT	NT	NM	416.96
29-Mar-18	0.38	0.3	0.72	2.27	14	1.6	NM	414.68
07-Sep-18	0.61	0.91	0.51	1.92	7.4	2.4	NM	418.68
13-Mar-19	0.11	0.011	0.39	1.05	5.8	1.2	NM	415.24
30-Jul-19	U (0.15)	U (0.1)	0.18	0.71	2.9	1.2	NM	416.31
04-Aug-20	0.114	0.000683	0.123	0.124	0.712	1.07	77	419.57
14-Oct-20	0.0016	0.00513	0.0148	0.079	0.251	2.16	56.7	418.67
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	<b>NA</b>	<b>NA</b>

\* Event dates that sampling did not occur on have been removed from this chart.

Analytical Test Results (Historical Tables)

Monitoring Well G-6

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
30-May-01	U	U	U	U	U	U	NM	413.54
13-Dec-01	U	U	U	U	U	U	NM	413.26
01-May-02	NT	NT	NT	NT	NT	NT	NM	NM
19-Aug-02	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.505)	NM	417.93
29-Jul-19	NT	NT	NT	NT	NT	NT	NM	NM
04-Aug-20	NT	NT	NT	NT	NT	NT	NM	NM
15-Oct-20	NT	NT	NT	NT	NT	NT	NM	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\*Ground Water monitoring did not occurred between November 05, 2002 to October 15, 2020

Monitoring Well G-9

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
07-Nov-03	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.08)	U (0.32)	NM	NM
08-Mar-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.37)	NM	414.96
15-Sep-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.385)	NM	416.62
29-Jul-19	NT	NT	NT	NT	NT	NT		NM
04-Aug-20	NT	NT	NT	NT	NT	NT	NM	NM
15-Oct-20	NT	NT	NT	NT	NT	NT	NM	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

\*Ground Water monitoring did not occurred between January 10, 2005 to October 15, 2020

Remediation Well RM-1

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
10-Oct-12	0.0425	15.4	3.08	16.7	175	10.8	NM	416.29
21-Feb-13	0.0251	7.25	2.14	11.3	69.9	10.7	NM	414.27
13-Aug-13	0.0432	12.2	1.80	10.4	39.9	9.27	NM	416.55
24-Sep-13	0.0246	6.09	0.942	6.83	27.2	12.6	NM	NM
19-Nov-13	0.0213	2.83	0.593	5.09	14.7	17.5	NM	415.53
19-Mar-14	0.0268	0.201	0.568	2.55	11.9	13.2	NM	414.37
31-Jul-14	U (0.0005)	0.15	0.084	0.51	1.8	1.7	NM	419.58
03-Mar-15	0.055	0.68	0.096	1.6	8.4	1.5	NM	402.63
27-Jul-15	0.084	0.770	0.360	2.9	12.0	5.2	NM	
23-Feb-16	U (0.001)	0.93	0.2	1.80	9.8	1.3	NM	414.75
06-Oct-16	0.0067	0.33	U (0.001)	0.71	3.5	0.74	NM	417.91
16-Mar-17	NT	NT	NT	NT	NT	NT	NM	NM
07-Jul-17	0.0087	0.69	0.45	2.73	12	3.3	NM	417.04
06-Sep-17	0.0050	0.74	0.270	2.000	7.6	0.92	NM	NM
07-Jul-17	NT	NT	NT	NT	NT	NT	NM	NM
29-Mar-18	NT	NT	NT	NT	NT	NT	NM	NM
07-Sep-18	0.00072	0.23	0.2	2.06	4.7	1.2	NM	413.04
13-Mar-19	NT	NT	NT	NT	NT	NT	NM	415.16
30-Jul-19	U (0.15)	0.4	0.23	1.55	6.1	1.1	NM	415.38
24-Oct-19	(0.003) U	0.038	0.15	1.49	4.3	1.4	NM	NM
04-Aug-20	0.000539	0.1	0.131	1.32	2.81	1.23	47.2	417
15-Oct-20	0.00261 J	0.137	0.246	1.89	4.26	2.31	52.3	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA



Analytical Test Results (Historical Tables)

Remediation Well RM-2

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
29-Aug-19	0.00179	0.00209	<b>0.0157</b>	0.0666	0.479	0.384 J	22.9	NM
24-Oct-19	<b>0.0046</b>	0.058	<b>0.089</b>	<b>0.342</b>	2.00	0.45	32.0	NM
04-Aug-20	U (0.001)	U (0.001)	0.000505	0.000565	0.0135	U (0.800)	24.2	NM
15-Oct-20	<b>0.0226</b>	0.413	<b>0.274</b>	<b>1.24</b>	<b>3.98</b>	1.49	48.7	NM
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Monitoring Well MW 17-1

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
29-Mar-18	<b>2.9</b>	<b>6.6</b>	<b>1.2</b>	<b>8.5</b>	U (100)	<b>6</b>	NM	NM
07-Sep-18	<b>0.18</b>	<b>26</b>	<b>3.3</b>	<b>18</b>	<b>80</b>	<b>4.8</b>	NM	NM
14-Mar-19	<b>3</b>	<b>7.4</b>	<b>1.7</b>	<b>7.4</b>	<b>47</b>	<b>3.3</b>	NM	415.28
30-Jul-19	<b>0.36</b>	<b>9.2</b>	<b>3.4</b>	<b>14.9</b>	<b>88</b>	<b>3.9</b>	NM	416.35
04-Aug-20	<b>0.126</b>	<b>22.5</b>	<b>3.47</b>	<b>13.8</b>	<b>61.1</b>	<b>2.78</b>	56	419.63
15-Oct-20	<b>0.0231 J</b>	0.254 J	<b>0.305</b>	<b>2.1</b>	<b>5.9</b>	<b>4.03</b>	58.1	418.92
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Monitoring Well MW 17-2

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	Sodium mg/L	GW Elev (feet)
29-Mar-18	U (0.30)	<b>2.7</b>	U (0.30)	<b>2.11</b>	<b>22</b>	<b>12</b>	NM	NM
07-Sep-18	<b>0.18</b>	<b>3.2</b>	<b>0.66</b>	<b>4.5</b>	<b>17</b>	<b>15</b>	NM	NM
14-Mar-19	<b>0.047</b>	<b>0.94</b>	<b>0.094</b>	<b>1.49</b>	<b>4.2</b>	<b>10</b>	NM	415.28
29-Jul-19	U (0.15)	<b>1.8</b>	<b>0.5</b>	<b>3.9</b>	<b>16</b>	<b>8.5</b>	NM	416.35
04-Aug-20	<b>0.0505</b>	0.477	<b>0.2</b>	<b>1.91</b>	<b>5.03</b>	<b>20.5</b>	91.4	419.67
15-Oct-20	0.00395 J	0.0235	<b>0.0508</b>	<b>0.218</b>	0.601	<b>8.25</b>	69.3	418.62
<b>GCLs</b>	<b>0.0046</b>	<b>1.1</b>	<b>0.015</b>	<b>0.19</b>	<b>2.2</b>	<b>1.5</b>	NA	NA

Key:

\* - Elevation may be biased due to presence of ice plug.

DRO - diesel range organics

GCLs - ground water cleanup levels

GRO - gasoline range organics

J - The identification of the analyte is acceptable; the reported value is an estimate.

mg/L - milligram per liter

NA - not applicable

NT - not tested

NM - not measured

U - Undetected above practical quantitation limit.

**Bold**, shade indicates concentration exceeds the GCL or, if not detected, the practical quantitation limit exceeds the GCL