



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

December 12, 2019

Stantec Project Number: 185751229

Anastasia Duarte, REHS/RS
Retail Environmental Remediation Administrator, Pacific Division
Speedway LLC
3450 South 344th Way, Suite 135
Auburn, Washington 98001-5931

**Reference: Corrective Action Work Plan for 2020
Speedway Store 5310 (former Tesoro 2 Go Mart 112)**
3392 Badger Road, North Pole, Alaska
ADEC Facility ID #1116; ADEC File #100.26.159

Dear Ms. Duarte:

This letter presents the 2020 (calendar year) Corrective Action Work Plan for the investigation and/or remediation of contamination at the above referenced site. This 2020 Corrective Action Work Plan will be presented at the annual Alaska Department of Environmental Conservation (ADEC)/Speedway (former Tesoro Alaska Company) work session scheduled for December 12, 2019, at the Anchorage office of Stantec Consulting Services Inc. (Stantec).

The following section provides a summary of the work plan tasks that were completed under the ADEC-approved 2019 Corrective Action Work Plan. 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 presented during the December 2019 work session.

2019 Work Plan Tasks

- Task 1 – Groundwater Monitoring
This task was completed in accordance with the approved 2019 work plan.
- Task 2 - Chemical Oxidation Treatment
This task was completed in accordance with the approved 2019 work plan, except the monthly summer schedule of chemical oxidation treatment was altered due to scheduling conflicts. Stantec completed two rounds of chemox injection with the product Klozur One[®]. Each round of consisted of 55-pounds of Klozur One[®] mixed with 50 gallons of tap water.

The following section presents the proposed tasks for the 2020 Corrective Action Work Plan. The scope of these tasks is based on the results and findings of the monitoring and remediation completed to date at this site.



Reference: 2020 Work Plan for Speedway Store 5310 (Former Tesoro 2Go Mart 112)

Proposed Work Plan Tasks for 2020

- Task 1 – Groundwater Monitoring

This task consists of conducting semi-annual monitoring of selected on-site ground water monitoring wells and remediation wells. Sampling locations and analyses for the monitoring and chemox injection wells are shown on the 2020 Work Plan Schedule below.

**2020 Work Plan Schedule for Speedway Store 5310
(Formerly Tesoro 2Go Mart 112)**

Work Plan Task		1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Task 1	Monitoring Wells: MW-2, MW-3, MW-6, MW-10, MW17-2 and MW17-5.		D, G, V, P, I, S*		D, G, I, V, S*
	Monitoring Wells MW-1 and MW-4		D, G, V, P, I		
Task 2	Chemical Oxidation Treatment		✓	✓	

Key:

AK – Alaska Test Method

D – Diesel range organics by AK102.

EPA – U.S. Environmental Protection Agency

G – Gasoline range organics by AK101.

I – Indicators, parameters tested include dissolved oxygen, specific conductance, oxygen-reduction potential, pH, and temperature.

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

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

S* - Sodium which will only be tested in wells MW-3, MW 17-2 and MW 17-5.

- Task 2 – Chemical Oxidation Treatment

This task consists of chemox treatment of the contaminated vadose zone soil and underlying groundwater located in the source area of the former underground storage tank (UST) system, with the injection of Klozur One® twice a year into the following chemox injection wells: RW17-1, RW17-3, RW17-4, and RW17-6. The first annual injection will occur in the spring of the year after the winter frost dissipates, and the second injection will take place several months later just prior to winter freeze-up. Approximately 100 gallons of a prepared solution of clean water and 110 pounds of Klozur One® will be manually injected via a low pressure booster pump into each of the four remediation wells. Following the injection of the chemox solution, a minimum of 100 gallons of tap water will be injected into each injection well to provide a means of “hydraulically pushing” the chemox solution into the subsurface formation.



December 12, 2019

Page 3 of 3

Reference: 2020 Work Plan for Speedway Store 5310 (Former Tesoro 2Go Mart 112)

The Corrective Action Work Plan for the year 2020 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[®] 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 and vapor 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 2020 Work Plan Schedule shown above.

If you have any questions or need additional information concerning this 2020 Corrective Action Work Plan, please contact us at (907) 248-8883.

Regards,

STANTEC CONSULTING SERVICES INC.

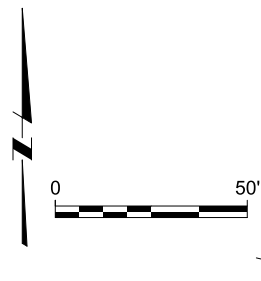
Handwritten signature of Michael A. Zidek in black ink.

Michael A. Zidek, PMP
Project Manager

Handwritten signature of Bob Gilfilian in black ink.

Bob Gilfilian, P.E.
Project Technical Lead

Attachments: Site Plans
Analytical Test Results



**COLONIAL PLAZA MALL
 DRINKING WELL,
 MORNING STAR SUB. TRACT D
 APPROXIMATELY 180'
 NORTH OF THIS POINT**

MW-3	MW-3 (Duplicate)
Benzene	0.029
Toluene	0.200
Ethylbenzene	0.380
Xylenes	4.02
GRO	10
DRO	0.66
Naphthalene	0.011
GW Elev	388.84'
Benzene	0.028
Toluene	0.140
Ethylbenzene	0.370
Xylenes	3.67
GRO	16
DRO	0.71
Naphthalene	NT

MW-4	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	U (0.003)
Xylenes	U (0.003)
GRO	U (0.25)
DRO	0.51
Naphthalene	U (0.00010)
GW Elev	393.87'

MW 17-2	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	0.0051
Xylenes	0.012
GRO	U (0.25)
DRO	0.91
Naphthalene	U (0.00011)
GW Elev	NC

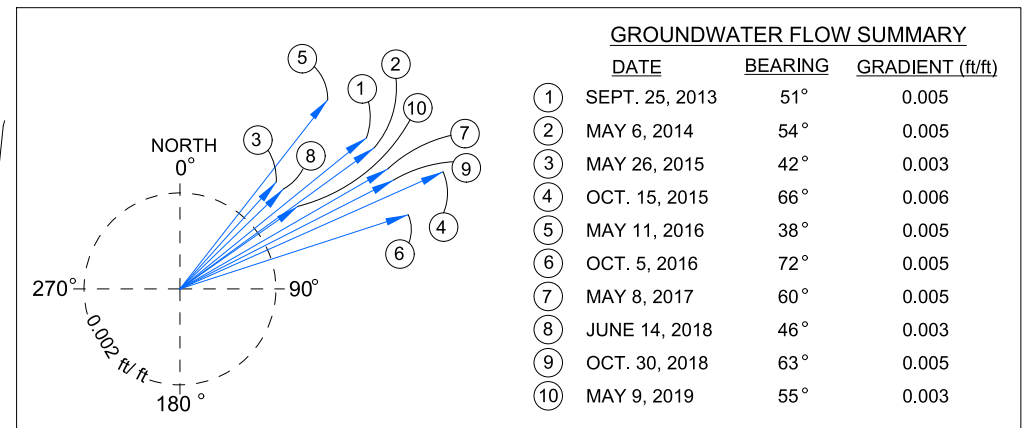
MW 17-5	
Benzene	0.0032
Toluene	0.0026
Ethylbenzene	0.016
Xylenes	0.048
GRO	0.31
DRO	0.92
Naphthalene	0.00014
GW Elev	NC

MW-1	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	U (0.003)
Xylenes	0.0034
GRO	U (0.25)
DRO	0.42
Naphthalene	U (0.00011)
GW Elev	388.94'

MW-2	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	0.023
Xylenes	0.051
GRO	0.41
DRO	0.26
Naphthalene	0.00017
GW Elev	388.88'

MW-10	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	U (0.003)
Xylenes	U (0.003)
GRO	U (0.25)
DRO	U (0.12)
Naphthalene	U (0.00011)
GW Elev	388.01'

MW-6	
Benzene	U (0.003)
Toluene	U (0.002)
Ethylbenzene	U (0.003)
Xylenes	U (0.003)
GRO	U (0.25)
DRO	U (0.12)
Naphthalene	U (0.00011)
GW Elev	388.30'

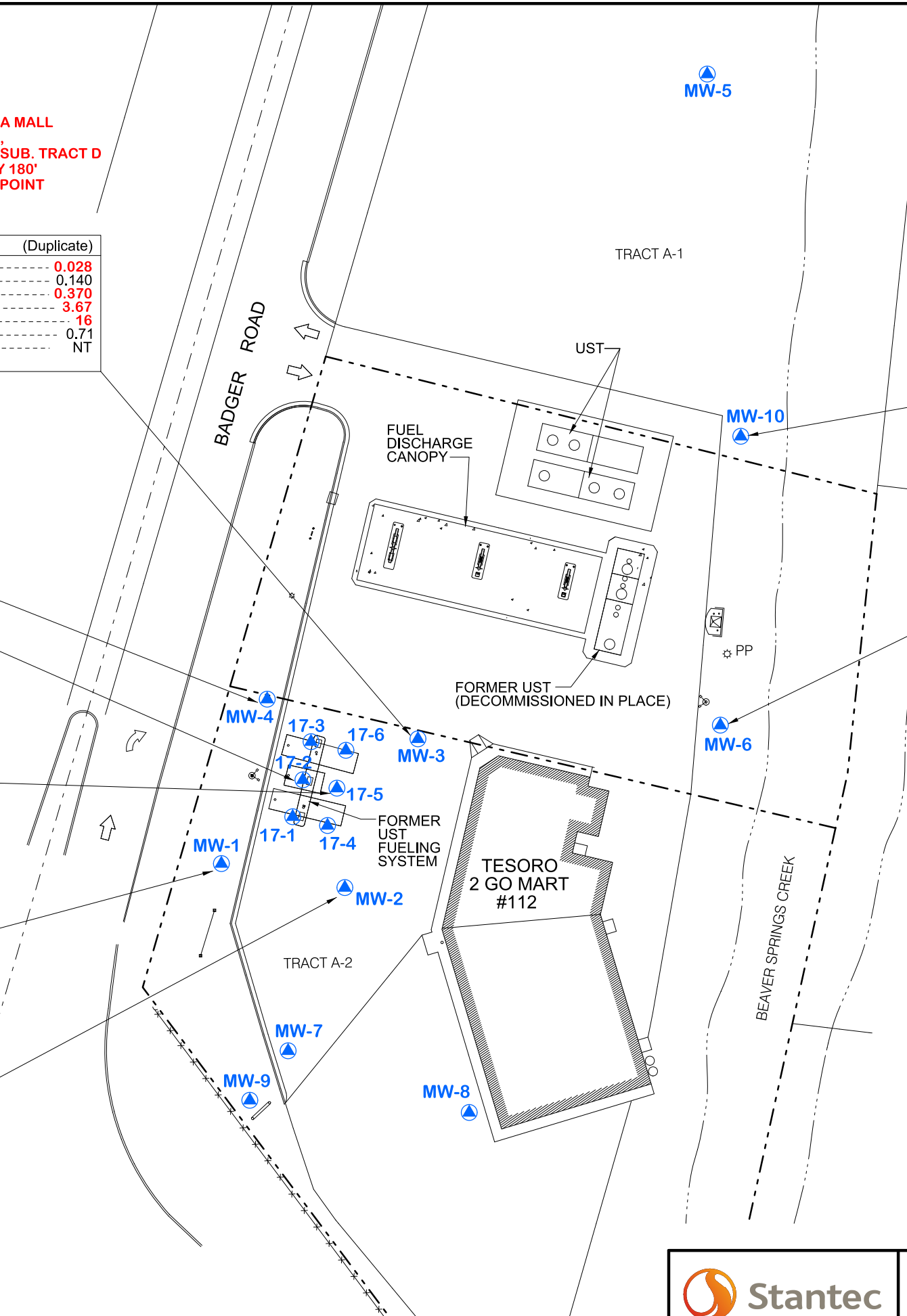


LEGEND:

- PROPERTY LINE
- ▲ MONITORING WELL
- DRO DIESEL RANGE ORGANICS
- GRO GASOLINE RANGE ORGANICS
- GW Elev. GROUNDWATER ELEVATION IN FEET
- NC NOT CALCULATED
- NT NOT TESTED
- PP POWER POLE
- U UNDETECTED ABOVE PRACTICAL QUANTITATION LIMITS SHOWN IN PARENTHESES
- UST UNDERGROUND STORAGE TANK

NOTES:

- RESULTS SHOWN ARE FOR WELLS SAMPLED ON MAY 9, 2019
- RESULTS ARE IN MILLIGRAMS PER LITER
- BOLD/ RED TEXT INDICATES CONTAMINANT CONCENTRATIONS ABOVE CLEANUP LEVELS FOR THIS SITE



TESORO COMPANY
 TESORO 2 GO MART #112
 MAY 2019
 MONITORING EVENT REPORT

SITE PLAN WITH
 GROUNDWATER DETECTIONS
 AND EXCEEDANCES

FIGURE

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Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-1

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
30-May-97	0.310	9.00	2.30	10.0	42.0	8.5	88.88
11-Sep-97	0.571	12.60	2.00	9.37	55.0	6.05	89.26
12-Mar-98	0.220	4.90	1.30	6.0	37	5.1	88.92
21-Jul-98	0.143	4.29	0.84	3.92	22	7.59	89.51
12-Oct-98	0.277	4.36	0.458	1.929	16	5.98	87.78
21-Jan-99	0.036	1.08	0.24	1.208	6.8	2.46	88.80
31-Mar-99	0.015	0.297	0.151	0.703	3.3	0.686	88.28
28-Jul-99	0.087	10.80	1.96	9.38	46	3.89	89.14
15-Oct-99	0.174	2.97	0.503	2.334	15	3.74	88.91
10-Mar-00	0.0216	0.718	0.161	0.783	4.7	0.81	88.52
21-Jun-00	0.0220	0.931	0.284	1.321	7.6	1.03	89.32
21-Sep-00	0.0329	0.471	0.160	0.736	5.0	1.61	89.26
25-Jan-01	0.0170	0.322	0.110	0.523	3.69	0.644	88.90
19-Apr-01	0.0123	0.097	0.046	0.221	1.48	0.920	88.87
24-Jul-01	0.0119	0.209	0.104	0.409	2.07	0.628	89.25
28-Jan-02	0.1200	2.070	0.604	2.841	10.8	0.778	89.16
30-Apr-02	5.020	9.480	0.284	3.470	32.2	2.1	89.65
30-Sep-02	0.659	0.209	0.0551	0.736	3.87	1.11	89.72
12-May-03	0.538	3.14	0.814	20.42	44.5	4.84	89.70
09-Oct-03	0.00437	0.00571	0.00189	0.0998	0.697	U (0.32)	389.08
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	U (0.0005)	0.000709	U (0.0005)	0.00984	U (0.05)	U (0.5)	388.75
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	0.00544	0.00284	0.00585	1.46	3.52	2.41	388.32
19-May-05	0.000943	0.00248	0.00272	0.0211	0.0709	0.48	389.26
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	NT	NT	NT	NT	NT	NT	NM
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.413)	388.45
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	0.00088	U (0.0005)	U (0.0015)	U (0.05)	0.862	388.52
01-Oct-08	NT	NT	NT	NT	NT	NT	389.28
12-May-09	U (0.0005)	0.00427	0.00077	0.00586	U (0.05)	1.77	389.20
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	0.00134	0.0297	0.0357	0.249	0.849	U (0.420)	389.00
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	U (0.0005)	0.00056	0.00479	0.0377	0.0857	0.652	389.11
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	0.000701	0.00284	0.0765	0.407	1.41	U (0.410)	388.89
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	0.000845	U (0.0005)	0.125	0.455	1.21	0.587	389.20
25-Sep-13	NT	NT	NT	NT	NT	NT	389.30
06-May-14	U (0.0005)	U (0.0005)	0.0021	0.011	U (0.05)	0.64	389.34
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	U (0.001)	0.0044	0.0045	0.031	0.21	2.3	389.72
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	0.00055	0.0026	0.0053	0.029	U (0.1)	U (0.40)	389.18
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	U (0.002)	U (0.002)	0.034	0.285	U (10)	1.5	389.46
05-Sep-17	NT	NT	NT	NT	NT	NT	NM
14-Jun-18	U (0.003)	0.0021	0.0086	0.071	0.028	0.43	389.56
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	U (0.003)	U (0.002)	U (0.003)	0.0034	U (0.25)	0.42	388.94
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-2

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
30-May-97	92	64	7.1	33	170	8.2	88.86
11-Sep-97	NT	NT	NT	NT	NT	NT	89.26
12-Mar-98	2.8	44	13	62	420	21	88.90
21-Jul-98	NT	NT	NT	NT	NT	NT	89.51
12-Oct-98	NT	NT	NT	NT	NT	NT	89.11
21-Jan-99	NT	NT	NT	NT	NT	NT	NM
31-Mar-99	NT	NT	NT	NT	NT	NT	89.60
28-Jul-99	NT	NT	NT	NT	NT	NT	89.59
15-Oct-99	NT	NT	NT	NT	NT	NT	89.26
10-Mar-00	NT	NT	NT	NT	NT	NT	89.46
21-Jun-00	NT	NT	NT	NT	NT	NT	NM
21-Sep-00	NT	NT	NT	NT	NT	NT	89.32
25-Jan-01	NT	NT	NT	NT	NT	NT	88.92
19-Apr-01	2.93	52.9	9.9	44.5	216	27.4	88.85
24-Jul-01	1.95	30.5	5.3	33.9	136	18.5	89.24
28-Jan-02	1.23	33.4	7.38	39.8	156	10.5	89.14
30-Apr-02	0.116	10.2	2.60	17.43	51.4	6.9	89.66
30-Sep-02	0.656	17.9	2.92	26.61	118	6.93	89.29
12-May-03	0.569	19.7	4.15	25.43	90.8	5.68	89.74
09-Oct-03	0.25	6.21	2.88	14.2	64.9	U (0.32)	389.00
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	U (0.005)	0.116	0.114	1.21	5.42	7	388.73
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	0.00518	0.0824	0.109	0.699	3.2	1.74	388.03
19-May-05	0.00681	0.513	0.376	1.61	7.88	5.49	389.21
26-Sep-05	0.0125	0.58	0.422	1.78	9.6	3.15	388.93
15-May-06	0.00058	0.0273	0.0533	0.223	1.5	1.87	388.80
07-Nov-06	0.0102	1.11	0.906	3.24	17	1.35	388.64
15-May-07	0.00279	0.0199	0.0356	0.173	1.99	1.9	388.15
16-Oct-07	0.0032	0.173	0.412	1.03	7.61	1.55	388.15
29-Apr-08	U (0.0005)	U (0.0005)	0.0043	0.0131	0.453	2.09	388.82
01-Oct-08	0.00114	0.0194	0.228	0.739	3.12	1.38	389.24
12-May-09	0.00385	0.0114	0.308	0.537	4.0	8.79	389.14
26-Oct-09	0.00138	0.0108	0.717	1.48	4.25	0.738	388.76
15-Jun-10	0.00143	0.00135	0.0205	0.0729	1.32	0.510	388.99
14-Oct-10	0.00192	0.0136	0.127	0.700	4.45	1.49	388.66
24-May-11	0.00232	0.0313	0.798	1.320	6.24	3.04	388.96
26-Oct-11	U (0.010)	U (0.010)	0.345	1.110	6.53	0.744	388.59
22-May-12	0.00566	0.00275	0.179	0.503	5.17	NR	388.88
24-Jul-12	NT	NT	NT	NT	NT	U (0.410)	NM
11-Oct-12	0.000750	0.0197	0.00707	0.0614	0.687	0.655	389.13
21-May-13	0.001730	0.000638	0.0190	0.0325	0.388	U (0.397)	389.20
25-Sep-13	0.001300	0.00104	0.269	0.481	2.61	0.573	389.27
06-May-14	0.003800	U (0.0005)	0.150	0.210	1.80	0.670	389.28
17-Sep-14	0.000720	0.00068	0.096	0.150	1.30	U (0.38)	388.88
26-May-15	0.0018	U (0.003)	0.092	0.21	1.6	2.5	389.53
06-Oct-15	0.036	0.0039	0.290	0.640	4.7	0.76	389.86
11-May-16	0.0023	U (0.001)	0.10	0.14	1.2	0.73	389.13
05-Oct-16	U (0.020)	U (0.020)	0.15	0.22	1.7	1.4	389.51
08-May-17	U (0.002)	U (0.002)	0.23	0.639	2.8	0.68	389.42
05-Sep-17	0.0014	U (0.001)	0.041	0.081	1.000	0.9	389.34
14-Jun-18	U (0.003)	U (0.002)	0.077	0.1128	1.1	0.3	389.52
30-Oct-18	U (0.003)	U (0.002)	0.042	0.062	0.69	2.4	389.22
09-May-19	U (0.003)	U (0.002)	0.023	0.051	0.41	0.26	388.88
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-3

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
30-May-97	23	69	12	54	380	54	88.79
11-Sep-97	NT	NT	NT	NT	NT	NT	89.2
12-Mar-98	NT	NT	NT	NT	NT	NT	88.84
21-Jul-98	NT	NT	NT	NT	NT	NT	89.45
12-Oct-98	NT	NT	NT	NT	NT	NT	88.39
21-Jan-99	NT	NT	NT	NT	NT	NT	NM
31-Mar-99	NT	NT	NT	NT	NT	NT	NM
28-Jul-99	NT	NT	NT	NT	NT	NT	88.54
15-Oct-99	NT	NT	NT	NT	NT	NT	88.10
10-Mar-00	NT	NT	NT	NT	NT	NT	88.36
21-Jun-00	NT	NT	NT	NT	NT	NT	NM
21-Sep-00	NT	NT	NT	NT	NT	NT	89.16
25-Jan-01	NT	NT	NT	NT	NT	NT	88.83
19-Apr-01	NT	NT	NT	NT	NT	NT	NM
24-Jul-01	NT	NT	NT	NT	NT	NT	89.18
28-Jan-02	NT	NT	NT	NT	NT	NT	89.09
30-Apr-02	NT	NT	NT	NT	NT	NT	89.61
30-Sep-02	36.6	75.3	3.87	40.3	337	7.38	89.15
12-May-03	5.41	6.45	1.44	7.86	36.6	2.37	89.68
09-Oct-03	13.6	52.3	5.31	49.9	392	U (0.32)	388.92
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	0.617	1.47	0.722	5.69	20.2	1.9	389.34
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	9.38	29.5	3.68	24.3	157	4.96	388.26
19-May-05	0.846	5.38	1.04	8.9	37.3	2.03	389.41
26-Sep-05	0.0496	1.27	0.261	4.24	14.6	3.15	389.12
15-May-06	0.833	5.05	1.63	12.5	44.3	4.44	388.90
07-Nov-06	1.74	26.4	3.74	31.4	174	4.68	388.87
15-May-07	0.0124	0.136	0.0942	0.948	3.93	2.49	388.37
16-Oct-07	0.126	2.3	0.272	17.5	55.3	7.82	387.31
29-Apr-08	0.0063	0.143	0.0197	0.321	1.44	4.71	388.74
01-Oct-08	0.00305	0.0238	0.0572	0.913	2.4	3.2	389.36
12-May-09	0.056	0.833	0.624	5.7	17.2	5.95	389.26
26-Oct-09	0.0903	2.25	0.935	13.6	51.5	3.41	388.70
15-Jun-10	0.0428	0.377	0.449	4.2	12.8	2.86	388.90
14-Oct-10	0.113	9.24	2.48	25.6	137	7.56	388.28
24-May-11	0.205	2.53	1.31	20.9	62.4	7.72	388.85
26-Oct-11	0.104	2.09	1.39	20.7	47.0	12.0	388.56
22-May-12	0.131	1.99	0.751	12.9	41.3	5.22	388.82
11-Oct-12	0.0102	0.373	0.271	3.83	23.2	1.35	389.05
21-May-13	1.50	11.2	2.39	15.9	70.0	20.3	389.13
25-Sep-13	0.102	4.01	1.93	23.9	47.9	7.15	389.18
06-May-14	0.037	0.470	0.420	3.8	12.0	4.70	389.10
17-Sep-14	0.047	1.5	1.200	14.0	26.0	2.70	388.75
26-May-15	0.057	2.0	1.6	13.0	79.0	4.6	389.50
06-Oct-15	0.10	2.1	1.5	16.0	57.0	2.2	389.77
11-May-16	0.00093	0.024	0.034	0.34	1.1	1.6	389.07
05-Oct-16	0.054	0.61	0.92	7.9	21	2.5	389.44
08-May-17	0.021	0.32	0.63	6.6	19	4.4	389.37
05-Sep-17	0.040	0.750	1.000	12.000	30.000	2.000	389.25
14-Jun-18	0.027	0.67	1.1	11.6	U (25)	2.8	389.44
30-Oct-18	0.036	0.37	1.2	12	39	5.7	389.14
10-May-19	0.029	0.200	0.380	4.02	10	0.66	388.84
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-4

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
30-May-97	0.85	0.71	0.160	0.64	3.8	0.55	88.79
11-Sep-97	8.41	14.5	1.150	5.57	64	1.71	89.2
12-Mar-98	2.30	3.3	0.420	1.80	15	0.68	88.84
21-Jul-98	3.71	3.69	0.485	2.09	21	0.7	89.41
12-Oct-98	1.95	1.99	0.360	1.58	12	1.29	88.73
21-Jan-99	0.94	0.483	0.127	0.579	4.3	0.7	88.75
31-Mar-99	NT	NT	NT	NT	NT	NT	NM
28-Jul-99	3.48	5.6	0.390	1.86	21	2.65	89.03
15-Oct-99	3.3	5.4	0.422	1.962	26	3.84	88.81
10-Mar-00	1.88	2.52	0.466	2.03	14	1.91	88.45
21-Jun-00	1.44	1.78	0.201	0.923	10	0.660	89.24
21-Sep-00	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	0.838	89.18
25-Jan-01	0.5330	0.602	0.397	1.464	7.27	1.71	88.82
19-Apr-01	U (0.0005)	0.015	0.011	0.066	0.225	U(0.8)	88.78
24-Jul-01	0.001	U (0.002)	U (0.002)	U (0.002)	U (0.09)	0.869	89.17
28-Jan-02	0.2710	0.802	0.631	2.646	9.580	0.708	89.06
30-Apr-02	0.0644	U (0.002)	0.509	0.128	0.623	U (0.495)	89.66
30-Sep-02	0.0157	U (0.002)	0.00523	0.0114	0.0943	U (0.5)	89.22
12-May-03	0.0138	0.00268	0.00595	0.05252	0.167	U (0.3)	89.69
09-Oct-03	0.0311	U (0.0005)	0.00555	0.0657	0.266	2.95	388.92
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	0.00295	U (0.0005)	0.00506	0.113	0.311	U (0.5)	388.65
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	0.0121	U (0.0005)	U (0.0005)	0.00791	0.0646	0.455	387.82
19-May-05	0.00295	U (0.0005)	U (0.0005)	0.0167	0.067	U (0.391)	389.16
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	0.000635	U (0.0005)	U (0.0005)	0.00919	0.051	U (0.403)	388.63
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	0.782	387.97
16-Oct-07	NT	NT	NT	NT	NT	NT	386.87
29-Apr-08	0.00175	0.00338	0.00097	1.2	1.75	3.78	388.88
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	0.00121	U (0.0005)	0.00189	U (0.05)	U (0.427)	388.98
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	U (0.0005)	U (0.0005)	U (0.0005)	U (0.00976)	U (0.05)	U (0.410)	388.93
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	388.87
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	388.82
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	389.13
25-Sep-13	NT	NT	NT	NT	NT	NT	389.19
06-May-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.41)	389.23
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	0.23	389.50
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	U (0.0020)	U (0.001)	U (0.001)	U (0.003)	U (0.1)	U (0.40)	389.09
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	U (0.002)	U (0.002)	U (0.003)	U (0.002)	U (1)	0.14	389.41
05-Sep-17	NT	NT	NT	NT	NT	NT	NM
14-Jun-18	U (0.003)	U (0.002)	U (0.003)	U (0.002)	U (0.000054)	U (0.25)	389.49
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (0.25)	0.51	393.87
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-5

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
12-Oct-98	0.019	U	U	0.002	0.045	0.110	85.78
21-Jan-99	0.051	U	U	U	0.110	0.127	86.04
31-Mar-99	0.023	U (0.001)	U (0.001)	0.0013	U (0.09)	U (0.297)	86.56
28-Jul-99	0.008	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.300)	88.23
15-Oct-99	0.040	U (0.002)	U (0.002)	U (0.002)	0.11	U (0.297)	88.17
10-Mar-00	0.104	0.003	U (0.002)	0.005	0.22	U (0.297)	88.17
21-Jun-00	0.025	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.297)	88.67
21-Sep-00	0.025	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.303)	88.39
25-Jan-01	0.066	0.003	0.002	0.007	0.19	U (0.300)	88.15
19-Apr-01	U(0.0005)	0.002	0.003	0.003	U (0.09)	U(0.816)	88.06
24-Jul-01	U(0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.495)	88.37
28-Jan-02	0.0029	U (0.002)	U (0.002)	0.002	U (0.09)	U (0.521)	88.28
30-Apr-02	U(0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.500)	88.85
30-Sep-02	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.5)	88.00
12-May-03	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.3)	87.94
09-Oct-03	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.08)	U (0.32)	388.19
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.5)	387.86
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	U (0.0002)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.4)	387.72
19-May-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	388.12
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	387.69
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	0.00154	U (0.05)	0.522	387.46
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.435)	387.92
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.450)	388.21
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	NT	NT	NT	NT	NT	NT	NM
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	NT	NT	NT	NT	NT	NT	NM
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	NT	NT	NT	NT	NT	NT	NM
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	NT	NT	NT	NT	NT	NT	NM
25-Sep-13	NT	NT	NT	NT	NT	NT	NM
06-May-14	NT	NT	NT	NT	NT	NT	NM
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	NT	NT	NT	NT	NT	NT	NM
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	NT	NT	NT	NT	NT	NT	NM
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	NT	NT	NT	NT	NT	NT	NM
05-Sep-17	NT	NT	NT	NT	NT	NT	NM
14-Jun-18	NT	NT	NT	NT	NT	NT	NM
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	NT	NT	NT	NT	NT	NT	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-6

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
21-Jun-00	0.0012	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.3)	88.51
21-Sep-00	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.297)	88.47
25-Jan-01	0.00051	0.0026	U (0.002)	0.003	U (0.09)	U (0.3)	88.22
19-Apr-01	U (0.0005)	U (0.002)	U (0.002)	0.003	U (0.09)	U(0.808)	88.17
24-Jul-01	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.495)	88.48
28-Jan-02	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.500)	88.43
30-Apr-02	0.000565	0.00411	0.00203	0.01081	U (0.09)	U (0.500)	88.77
30-Sep-02	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.495)	88.40
12-May-03	U (0.0005)	U (0.002)	U (0.002)	U (0.002)	U (0.09)	U (0.3)	88.13
09-Oct-03	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.08)	U (0.32)	388.30
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.5)	387.99
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	U (0.0002)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.4)	387.21
19-May-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	388.24
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.397)	387.96
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	387.44
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.481)	388.23
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.400)	388.52
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	U (0.0005)	U (0.0005)	U (0.0005)	U (0.00976)	U (0.05)	U (0.431)	NM
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.385)	388.26
26-Oct-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	388.12
22-May-12	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	388.26
11-Oct-12	U (0.0005)	U (0.001)	U (0.001)	U (0.003)	U (0.05)	U (0.403)	388.44
21-May-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	388.48
25-Sep-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.385)	388.63
06-May-14	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.42)	388.59
17-Sep-14	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0005)	U (0.05)	U (0.39)	389.46
26-May-15	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	U (0.21)	389.20
06-Oct-15	U (0.001)	U (0.001)	U (0.001)	U (0.003)	U (0.01)	0.84	388.99
11-May-16	U (0.0020)	U (0.0020)	U (0.0020)	U (0.0020)	U (0.0020)	U (0.0020)	388.41
05-Oct-16	U (0.0020)	U (0.0020)	U (0.0030)	U (0.0020)	U (0.05)	U (0.12)	388.70
08-May-17	U (0.002)	U (0.002)	U (0.003)	U (0.002)	U (1)	U (0.11)	388.70
05-Sep-17	U (0.004)	U (0.001)	U (0.001)	U (0.003)	U (0.150)	U (0.290)	388.64
14-Jun-18	U (0.003)	U (0.002)	U (0.003)	U (0.002)	U (0.25)	U (0.12)	388.77
30-Oct-18	U (0.003)	U (0.002)	U (0.003)	0.0084	U (0.25)	U (0.12)	388.53
09-May-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (0.25)	U (0.12)	388.30
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-7

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
09-Oct-03	0.0237	0.00185	0.014	0.0877	2.36	U (0.32)	389.10
16-Mar-04	NT	NT	NT	NT	NT	NT	NM
21-Apr-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.5)	388.83
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	0.00325	U (0.0005)	0.000934	0.00498	0.298	0.508	388.25
19-May-05	0.000909	U (0.0005)	0.000527	U (0.0015)	0.275	U (0.391)	389.29
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	0.109	0.412	388.70
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	NT	NT	NT	NT	NT	NT	NM
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.413)	388.88
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	U (0.0005)	0.00063	0.00231	1.16	U (0.442)	389.18
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	NT	NT	NT	NT	NT	NT	NM
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	NT	NT	NT	NT	NT	NT	NM
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	NT	NT	NT	NT	NT	NT	NM
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	NT	NT	NT	NT	NT	NT	NM
25-Sep-13	NT	NT	NT	NT	NT	NT	NM
06-May-14	NT	NT	NT	NT	NT	NT	NM
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	NT	NT	NT	NT	NT	NT	NM
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	NT	NT	NT	NT	NT	NT	NM
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	NT	NT	NT	NT	NT	NT	NM
05-Sep-17	NT	NT	NT	NT	NT	NT	NM
14-Jun-18	NT	NT	NT	NT	NT	NT	NM
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	NT	NT	NT	NT	NT	NT	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-8

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
09-Oct-03	NT	NT	NT	NT	NT	NT	NM
16-Mar-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.37)	388.69
21-Apr-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.5)	388.79
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	0.000298	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.4)	388.30
19-May-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	389.26
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.41)	388.73
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.394)	388.41
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	388.87
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	0.00062	0.00067	0.00199	U (0.05)	U (0.413)	389.22
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	NT	NT	NT	NT	NT	NT	NM
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	NT	NT	NT	NT	NT	NT	NM
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	NT	NT	NT	NT	NT	NT	NM
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	NT	NT	NT	NT	NT	NT	NM
25-Sep-13	NT	NT	NT	NT	NT	NT	NM
06-May-14	NT	NT	NT	NT	NT	NT	NM
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	NT	NT	NT	NT	NT	NT	NM
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	NT	NT	NT	NT	NT	NT	NM
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	NT	NT	NT	NT	NT	NT	NM
9/5/2017	NT	NT	NT	NT	NT	NT	NM
6/14/2018	NT	NT	NT	NT	NT	NT	NM
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	NT	NT	NT	NT	NT	NT	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-9

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
09-Oct-03	NT	NT	NT	NT	NT	NT	NM
16-Mar-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.37)	388.27
21-Apr-04	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.5)	388.88
17-Sep-04	NT	NT	NT	NT	NT	NT	NM
21-Oct-04	U (0.0002)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	U (0.4)	388.22
19-May-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	389.41
26-Sep-05	NT	NT	NT	NT	NT	NT	NM
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	388.83
07-Nov-06	NT	NT	NT	NT	NT	NT	NM
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.41)	388.33
16-Oct-07	NT	NT	NT	NT	NT	NT	NM
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.417)	388.94
01-Oct-08	NT	NT	NT	NT	NT	NT	NM
12-May-09	U (0.0005)	U (0.0005)	U (0.0005)	0.00182	U (0.05)	U (0.400)	389.33
26-Oct-09	NT	NT	NT	NT	NT	NT	NM
15-Jun-10	NT	NT	NT	NT	NT	NT	NM
14-Oct-10	NT	NT	NT	NT	NT	NT	NM
24-May-11	NT	NT	NT	NT	NT	NT	NM
26-Oct-11	NT	NT	NT	NT	NT	NT	NM
22-May-12	NT	NT	NT	NT	NT	NT	NM
11-Oct-12	NT	NT	NT	NT	NT	NT	NM
21-May-13	NT	NT	NT	NT	NT	NT	NM
25-Sep-13	NT	NT	NT	NT	NT	NT	NM
06-May-14	NT	NT	NT	NT	NT	NT	NM
17-Sep-14	NT	NT	NT	NT	NT	NT	NM
26-May-15	NT	NT	NT	NT	NT	NT	NM
06-Oct-15	NT	NT	NT	NT	NT	NT	NM
11-May-16	NT	NT	NT	NT	NT	NT	NM
05-Oct-16	NT	NT	NT	NT	NT	NT	NM
08-May-17	NT	NT	NT	NT	NT	NT	NM
05-Sep-17	NT	NT	NT	NT	NT	NT	NM
14-Jun-18	NT	NT	NT	NT	NT	NT	NM
30-Oct-18	NT	NT	NT	NT	NT	NT	NM
09-May-19	NT	NT	NT	NT	NT	NT	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well MW-10

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
09-Oct-03	NT	NT	NT	NT	NT	NT	NM
17-Sep-04	0.0103	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.385)	NM
21-Oct-04	U (0.0002)	U (0.0005)	U (0.0005)	U (0.001)	U (0.05)	2.19	387.01
19-May-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	387.92
26-Sep-05	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.397)	387.87
15-May-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.391)	387.69
07-Nov-06	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.442)	387.72
15-May-07	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.41)	387.31
16-Oct-07	U (0.0005)	0.000745	U (0.0005)	0.00843	U (0.05)	U (0.427)	387.31
29-Apr-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.424)	387.79
01-Oct-08	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.49)	388.12
12-May-09	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	388.04
26-Oct-09	U (0.0005)	U (0.001)	U (0.001)	U (0.003)	U (0.05)	U (0.417)	387.77
15-Jun-10	U (0.0005)	U (0.0005)	U (0.0005)	U (0.00976)	U (0.05)	U (0.417)	387.95
14-Oct-10	U (0.0005)	U (0.001)	U (0.001)	U (0.003)	U (0.05)	U (0.397)	387.82
24-May-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.410)	387.92
26-Oct-11	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.410)	387.79
22-May-12	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.410)	387.87
11-Oct-12	U (0.0005)	U (0.001)	U (0.001)	U (0.003)	U (0.05)	U (0.413)	388.03
21-May-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.410)	388.09
25-Sep-13	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.403)	388.21
06-May-14	U (0.0005)	U (0.0005)	U (0.0005)	0.0027	U (0.05)	U (0.41)	388.19
17-Sep-14	U (0.0005)	U (0.0005)	U (0.0005)	U (0.0015)	U (0.05)	U (0.41)	389.21
26-May-15	U (0.001)	U (0.001)	U (0.001)	U (0.001)	U (0.05)	U (0.22)	388.95
06-Oct-15	U (0.001)	U (0.001)	U (0.001)	U (0.003)	U (0.1)	0.41	388.59
11-May-16	U (0.0020)	U (0.001)	U (0.001)	U (0.003)	U (0.1)	U (0.42)	388.07
05-Oct-16	U (0.0020)	U (0.002)	U (0.003)	U (0.002)	U (0.05)	2.6	388.42
08-May-17	U (0.002)	U (0.002)	U (0.003)	0.0056	U (1)	U (0.11)	388.32
05-Sep-17	U (.0004)	U (0.001)	U (0.001)	U (0.003)	U (0.150)	U (0.280)	388.28
14-Jun-18	U (0.003)	U (0.002)	U (0.003)	U (0.002)	U (0.25)	U (0.12)	388.37
30-Oct-18	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (0.25)	U (0.12)	388.19
09-May-19	U (0.003)	U (0.002)	U (0.003)	U (0.003)	U (0.25)	U (0.12)	388.01
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Monitoring Well 17-2

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
30-Oct-18	U (0.003)	U (0.002)	0.18	0.9	3.9	2.5	NM
10-May-19	U (0.003)	U (0.002)	0.0051	0.012	U (0.25)	0.91	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Appendix D
Tables of Historical Groundwater Monitoring Data

Monitoring Well 17-5

Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	GRO (mg/L)	DRO (mg/L)	GW Elev (feet)
14-Jun-18	0.025	0.52	0.064	0.548	1.7	0.17	NM
30-Oct-18	0.055	0.21	0.15	0.505	3.7	0.26	NM
09-May-19	0.0032	0.0026	0.016	0.048	0.31	0.92	NM
GCLs	0.0046	1.1	0.015	0.19	2.2	1.5	NA

Key:

- DRO - diesel range organics
- GCL - ground water cleanup levels
- GRO - gasoline range organics
- GW Elev - ground water elevation
- mg/L - milligrams per liter
- NA - not applicable
- NM - not measured
- NR - Reported as an unreliable result by the laboratory.
- NT - not tested
- U - Undetected above practical quantitation limits.

Analytical data for the June 2010 Monitoring Event may have an associated low bias for some samples.
 See ADEC laboratory QC checklist for impacted analytes.

Bold, shade indicates concentration exceeds the GCL.