

APPENDIX A

**Field Well Gauging, Purging, and Sampling Records
July/August 2008 Sentry Event**

WELL GAUGING DATA

Project # 090720-MH1 Date 7/20/09 Client Parsons @ DFSP Norwalk

Site Excelsior DR 3 Norwalk

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB-or TOC	Notes
EXP-3	0722	4					57.16	123.01		7/20/09
EXP-2	0837	4					55.06	128.92		
EXP-1	0727	4					55.11	128.01		
GMLW-61	0825	4					27.84	39.84		
GMLW-60	0910	4					28.61	39.95		
GMLW-59	1008	4					26.55	53.86		
GMLW-58	1050	4					26.73	53.92		
GMLW-47	1150	4					28.10	49.94		
MW-K1	1250	4					31.31	51.90		
MW-22 (HOB)	1342	4					33.46	57.74		7/20/09
GMLW-47	0707	4					28.90	54.15		7/21/09
GMLW-62	0714	4					28.30	39.48		
GMLW-63	0900	4					29.15	39.98		
GMLW-64	0815	4					27.52	39.43		
GMLW-65	1033	4					28.83	41.04	✓	7/21/09

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-1441	Client: Parsons @ Nomack
Sampler: M. M. M. M.	Start Date: 7/20/09
Well I.D.: EXP-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 123.64	Depth to Water: 51.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 481 53e

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0.43 @ 200 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0746	25.68	7.76	789	28	1.20	-101.8	600	54.18
0749	23.66	7.76	787	30	1.11	-93.9	1200	51.18
0752	23.65	7.76	787	22	1.10	-94.9	1800	51.18
0755	22.99	7.70	789	19	0.85	-99.4	2400	51.18
0758	22.92	7.68	790	18	0.83	-101.2	3000	51.18
0801	22.90	7.68	790	18	0.79	-103.6	3600	51.18

Did well dewater? Yes (No)	Amount actually evacuated: 3600 mL
Sampling Time: 0803	Sampling Date: 7/20/09
Sample I.D.: EXP-3	Laboratory: CALSCIENCA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE SCOPE
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: Parsons @ Norwalk
Sampler: M. Adams	Start Date: 7/20/09
Well I.D.: GMM-47	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.94	Depth to Water: 28.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>481 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1202 @ 200ml Pump Depth: 215

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1205	24.13	7.05	1642	12	2.19	-175.1	600	28.18
1208	24.06	7.08	1643	10	2.41	-178.0	1200	28.18
1211	24.02	7.09	1644	8	2.66	-186.4	1800	28.18
1214	23.88	7.08	1646	8	4.02	-194.5	2400	28.18
1217	23.76	7.09	1646	7	4.22	-203.3	3000	28.18
1220	23.74	7.09	1647	6	4.28	-206.2	3600	28.18
1223	23.74	7.08	1646	6	4.30	-206.9	4200	28.18

Did well dewater? Yes No Amount actually evacuated: 4200 ml

Sampling Time: 1226 Sampling Date: 7/20/09

Sample I.D.: GMM-47 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH	Client: PARSONS @ DFSP NORWALK
Sampler: M. H. ...	Start Date: 7/20/09
Well I.D.: G.M.W. 57	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 54.15	Depth to Water: 28.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>481-580</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0.728 @ 200ML/M Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0731	22.64	7.06	1700	8	1.05	-63.9	600	29.01
0734	22.60	7.06	1709	8	0.90	-84.1	1200	29.01
0737	22.58	7.07	1714	7	0.80	-101.4	1800	29.01
0740	22.58	7.11	1709	7	0.86	-121.9	2400	29.01
0743	22.58	7.11	1707	6	0.87	-126.5	3000	29.01
0746	22.58	7.11	1707	6	0.89	-128.6	3600	29.01

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 ML</u>
Sampling Time: <u>0749</u>	Sampling Date: <u>7/21/09</u>
Sample I.D.: <u>G.M.W. 57</u>	Laboratory: <u>CALSCIENCE</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>SEE SCOPE</u>
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ PALMACK
Sampler: UHmann	Start Date: 7/20/09
Well I.D.: GMMW-58	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: 53.92	Depth to Water: 26.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Grade	Flow Cell Type: 481556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1103 @ 200 mL/min Pump Depth: 50

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1106	24.80	7.77	1431	8	1.22	-197.2	600	26.82
1109	24.53	7.78	1468	7	0.93	-202.9	1200	26.82
1112	24.48	7.79	1498	7	0.82	-212.1	1800	26.82
1115	24.43	7.80	1502	7	0.82	-212.4	2400	26.82
1118	24.42	7.80	1502	7	0.83	-213.8	3000	26.82

Did well dewater? Yes No Amount actually evacuated: 3000 mL

Sampling Time: 1121 Sampling Date: 7/20/09

Sample I.D.: GMMW-58 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP. GMMW-58

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ NORWALK
Sampler: <u>Hand</u>	Start Date: 7/20/09
Well I.D.: G.M.W. 59	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.86	Depth to Water: 26.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: 481-536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1013 @ 200 mL / M Pump Depth: 50

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1016	23.35	7.24	1425	9	1.89	-236.1	600	53.92
1019	23.14	7.21	1452	8	1.17	-247.6	1200	53.92
1022	22.94	7.17	1472	8	3.99	-273.5	1800	53.92
1025	22.90	7.17	1486	7	5.05	-286.2	2400	53.92
1028	22.90	7.17	1486	7	5.09	-286.3	3000	53.92
1031	22.90	7.17	1486	7	5.10	-286.5	3600	53.92

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1033 Sampling Date: 7/20/09

Sample I.D.: G.M.W. 59 Laboratory: CAAC Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ _____ Duplicate I.D.: DUP-G.M.W. 59

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ NEWARK
Sampler: MCHMSE	Start Date: 7/20/09
Well I.D.: GMM-60	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.95	Depth to Water: 28.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 481 552

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0.11 @ 200ml/min Pump Depth: 35

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0919	22.95	7.50	2082	11	1.08	-218.9	600	28.70
0922	22.60	7.45	2029	10	1.14	-242.9	1200	28.70
0925	22.57	7.45	2129	10	1.32	-214.7	1800	28.70
0928	22.47	7.42	2130	9	4.47	-260.9	2400	28.70
0931	22.42	7.43	2130	9	4.48	-262.8	3000	28.70
0934	22.41	7.43	2130	9	4.40	-263.6	3600	28.70

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0937 Sampling Date: 7/20/09

Sample I.D.: GMM-60 Laboratory: CH2M HILL

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ _____ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: Parsons @ Norwalk
Sampler: <u>Uhlman</u>	Start Date: 7/20/09
Well I.D.: GMM-61	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.80	Depth to Water: 27.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 45153e

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0.830 @ 200 mL/min Pump Depth: 35

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0835	23.23	7.58	2274	12	0.94	-231.7	600	27.90
0836	23.06	7.57	2271	8	0.71	-240.4	1200	27.90
0839	22.77	7.57	2239	7	0.98	-258.8	1800	27.90
0842	22.71	7.58	2226	7	1.48	-233.8	2400	27.90
0845	22.64	7.60	2220	7	2.66	-228.2	3000	27.90
0848	22.61	7.61	2218	8	2.65	-225.3	3600	27.90
0851	22.61	7.61	2218	8	2.65	-224.6	4200	27.90

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200 mL
Sampling Time: 0854	Sampling Date: 7/20/09
Sample I.D.: GMM-61	Laboratory: CAL Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE SCOPE
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ DFSP NORWALK
Sampler: <i>Waltman</i>	Start Date: 7/21/09
Well I.D.: GMMW-62	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: 39.48	Depth to Water: 28.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	Flow Cell Type: 481556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0.45 @ 200 mL/min Pump Depth: 35

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0948	21.29	7.18	2830	18	0.69	-224.0	600	28.37
0951	21.03	7.19	2883	13	0.18	-236.9	1200	28.37
0954	20.98	7.20	2883	10	1.76	-264.5	1800	28.37
0957	26.96	7.20	2883	8	2.21	-274.0	2400	28.37
1000	20.93	7.21	2879	7	2.76	-288.9	3000	28.37
1003	20.93	7.21	2879	7	2.76	-289.3	3600	28.37
1006	20.93	7.20	2878	7	2.77	-289.8	4200	28.37

Did well dewater? Yes No Amount actually evacuated: 4200 mL

Sampling Time: 1009 Sampling Date: 7/21/09

Sample I.D.: GMMW-62 Laboratory: CALSILCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>090720-MH1</u>	Client: <u>29.K</u>
Sampler: <u>M. Adams</u>	Start Date: <u>7/21/09</u>
Well I.D.: <u>GMW-63</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>39.98</u>	Depth to Water: <u>29.K</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: <u>48153L</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0902 @ 200 mL/min Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0905	20.04	7.25	1642	20	2.42	16.0	600	29.34
0908	19.63	7.23	1630	19	1.19	-9.9	1200	29.34
0911	19.49	7.20	1630	13	1.08	-41.3	1800	29.34
0914	19.45	7.21	1633	9	1.18	-61.7	2400	29.34
0917	19.45	7.21	1634	7	1.20	-63.5	3000	29.34
0920	19.41	7.21	1634	7	1.21	-64.6	3600	29.34

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0924</u>	Sampling Date: <u>7/21/09</u>
Sample I.D.: <u>GMW-63</u>	Laboratory: <u>CAC Science</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>SEE SCOPE</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ DFSP Newark
Sampler: M. M. M. M.	Start Date: 7/21/09
Well I.D.: GMM-64	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: 39.43	Depth to Water: 27.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 481-536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 0818 @ 200 mL/m Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
0821	19.82	6.93	1852	19	1.53	1.0	600	27.54
0824	19.41	6.87	1856	14	1.12	-15.4	1200	27.54
0827	19.36	6.86	1854	10	1.32	-24.4	1800	27.54
0830	19.33	6.87	1854	9	2.34	-34.4	2400	27.54
0833	19.28	6.89	1853	7	4.76	-47.0	3000	27.54
0836	19.27	6.91	1854	6	4.49	-53.8	3600	27.54
0839	19.27	6.92	1853	6	4.01	-57.8	4200	27.54
0842	19.23	6.92	1853	5	3.93	-58.6	4800	27.54
0845	19.23	6.92	1853	5	3.91	-58.7	5400	27.54

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 5400 mL
Sampling Time: 0848	Sampling Date: 7/21/09
Sample I.D.: GMM-64	Laboratory: CALSILCO
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE SCORE
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-MH1	Client: PARSONS @ DFSP Newark
Sampler: M. Huns	Start Date: 7/21/09
Well I.D.: GMM-65	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: 411.04	Depth to Water: 28.83
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 481-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1041 @ 200 mL / m Pump Depth: 35.00

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1044	21.14	7.22	3184	32	2.51	-51.7	600	28.92
1047	20.79	7.22	3182	30	2.01	-70.4	1200	28.92
1050	20.79	7.21	3181	30	2.00	-71.6	1800	28.92
1053	20.76	7.20	3183	29	2.17	-84.9	2400	28.92
1056	20.74	7.20	3184	27	2.19	-85.8	3000	28.92
1059	20.75	7.20	3183	27	2.20	-86.2	3600	28.92

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1102	Sampling Date: 7/21/09
Sample I.D.: GMM-65	Laboratory: CALSCE INC
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEESCOPE
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>090720-MH</u>	Client: <u>Parsons @ Newark</u>
Sampler: <u>Mellman</u>	Start Date: <u>7/20/09</u>
Well I.D.: <u>MW-14</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>51.90</u>	Depth to Water: <u>31.31</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>451-552</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1300 @ 200 mL/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1303	23.10	7.62	1641	8	0.63	-180.3	600	31.41
1306	22.82	7.60	1647	7	0.77	-172.6	1200	31.41
1309	22.89	7.59	1645	7	1.25	-179.0	1800	31.41
1312	22.85	7.59	1646	6	1.82	-184.6	2400	31.41
1315	22.81	7.59	1646	6	1.94	-186.3	3000	31.41
1318	22.83	7.59	1644	6	1.93	-184.3	3600	31.41
1321	22.83	7.59	1644	5	1.95	-183.2	4200	31.41

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>4200 mL</u>
Sampling Time: <u>1324</u>	Sampling Date: <u>7/20/09</u>
Sample I.D.: <u>MW-14</u>	Laboratory: <u>CA Science</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>SEE SCOPE</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720 MHI	Client: PARSONS @ NEWARK
Sampler: M. Huse	Start Date: 7/20/09
Well I.D.: MW-22 (4 in)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 57.74	Depth to Water: 33.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>481 532</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 1380 @ 200 mL/m Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1353	23.02	7.65	1955	7	1.23	-138.4	600	33.53
1356	22.53	7.63	1976	5	0.48	-174.6	1200	33.53
1359	22.47	7.62	1996	5	0.66	-189.4	1800	33.53
1402	22.38	7.61	2007	5	1.44	-190.7	2400	33.53
1405	22.36	7.61	2011	5	1.63	-195.5	3000	33.53
1408	22.33	7.61	2013	5	1.64	-194.7	3600	33.53
1411	22.33	7.61	2013	4	1.66	-195.5	4200	33.53

Did well dewater? Yes No Amount actually evacuated: 4200 mL

Sampling Time: 1414 Sampling Date: 7/20/09

Sample I.D.: MW-22 (MID) Laboratory: CASCENO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

Equipment Blank I.D.: @ Time Duplicate I.D.:

DFSP Norwalk Quarterly GWM – July 2009

GAUGING DATA

Page 1 of 3

Date	Time	Well no.	DTP	DTW	notes
7/16/09	08:37	GMW-61	—	27.69	
	08:42	GMW-60	—	28.37	
	08:45	MW-13	—	30.51	
	08:49	GMW-47	—	28.22	
	08:56	GMW-57	—	28.87	
	08:59	GMW-58	—	26.92	
	09:07	GMW-59	—	26.20	
	09:15	EXP-01	—	55.06	
	09:19	MW-17	—	32.25	
	09:30	GMW-50	—	27.87	
	09:33	GMW-51	—	28.15	
	09:42	GMW-45	—	27.91	
	09:47	GMW-56	—	29.03	
	09:55	GMW-05	—	29.93	
	09:59	GMW-06	—	29.51	
	10:06	GMW-15	—	28.32	
	10:12	MW-23M	—	31.79	
	10:19	TF-24	—	29.11	
	10:23	GMW-16	—	29.52	
	10:30	GW-08	—	28.48	
	10:36	MW-10	—	31.42	
	10:42	EXP-02	—	54.91	
	10:50	MW-14	—	31.21	
	10:54	MW-22M	—	33.51	
↓	10:59	TF-08	—	28.42	Piezometer

DTP = Depth to Product

DTW = Depth to Water

DFSP Norwalk Quarterly GWM – July 2009

GAUGING DATA

Page 2 of 3

Date	Time	Well no.	DTP	DTW	notes
7/16/09	11:04	TF-09	—	28.28	Piezometer
↓	11:10	GMW-17	—	27.15	
	11:14	TF-11	—	27.70	Piezometer
	11:22	PZ-04	—	29.05	
	11:28	PZ-03	—	28.97	
	11:32	TF-25	—	28.88	Piezometer
	11:39	TF-10	—	27.02	
	12:25	EXP-03	—	54.02	
	12:35	GMW-33	—	27.41	
	12:41	TF-19	—	27.69	Piezometer
	12:45	MW-16	—	29.12	
	12:49	GMW-52	—	27.25	
	12:55	GMW-53	—	27.04	
	13:01	TF-18	—	26.42	
	13:08	MW-29	—	31.15	
	13:13	GMW-32	—	26.71	
7/17/09	09:11	TF-23	—	26.93	
↓	09:16	TF-22	—	27.61	Piezometer
	09:20	GMW-35	—	28.12	
	09:26	TF-21	—	27.31	Piezometer
	09:30	TF-20	sheen	28.02	*
	09:51	TF-17	26.90	27.64	*
	10:15	TF-16	—	28.35	Piezometer
	10:21	TF-15	—	26.82	Piezometer
	10:25	TF-14	—	26.91	Piezometer

DTP = Depth to Product

DTW = Depth to Water

* Sock absorbent replaced

GAUGING DATA

Date	Time	Well no.	DTP	DTW	notes	
7/17/09	10:29	GMW-18	—	27.41		
↓	10:33	GMW-07	—	27.65		
	10:37	TF-13	—	27.81	Piezometer	
	10:46	GMW-21	—	28.40		
	10:50	TF-26	—	28.87	Piezometer	
	11:23	GMW-62	—	28.15		
	11:29	GMW-63	—	29.11		
	11:34	GMW-64	—	27.37		
	11:38	GMW-65	—	28.65		
	11:55	GW-16	—	28.87	Piezometer	
	12:07	GMW-19	—	28.79		
	12:20	GW15	28.51	28.59	Piezometer	

DTP = Depth to Product

DTW = Depth to Water

WELL GAUGING DATA

Project # 090720-TR1 Date 7/20/09 Client GEOMATRIX

Site KMEP @ NORWALK

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
EXP-1	0730	4					54.83	128.84		7/20
EXP-3	0739	4					53.93	123.10		
EXP-2	0840	4					54.91	127.97		
EXP-4	1050	4					54.51	115.09		
WCW-13	1200	4					30.20	60.31		
WCW-3	1240	4					28.48	50.44		
GMW-0 EXP-5	1315	4					23.15	49.18		0
EXP-5	0730	4					49.10	113.22		7/21
GMW-0-2	0830	4					24.40	49.22		
GMW-0-3	0905	4					24.21 48.30	48.30		
GMW-38	0955	4					27.21	53.12		
WCW-7	1050	4					28.94	51.44		
P2-10	1200	2					26.60	37.90		
GMW-39	1300	4					26.85	50.63		
P2-5	0725	4					25.20	38.28		7/22
MW-SF-1	0835	6					30.98	51.29		
GMW-0-14	0945	4					26.31	49.65		

WELL GAUGING DATA

Project # 090720-TR1 Date 7/20/09 Client GEOMATRIX

Site KMEP @ NORWALK

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>FOC</u>	Notes
GMW-36	1055	4					25.90	49.92		7/22
GMW-0-15	1137	4		24.94	0.05		24.99	—	↓	↓
MW-SF-4	1155	4		31.61	0.04 0.05 <u>0.05</u>		31.65	—	↓	↓

54.16
129.04

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TL	Start Date: 7/20/09
Well I.D.: EXP-1	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 128.86	Depth to Water: Pre: 54.83 Post: 54.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 0745 Pump Depth: 110'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to water
0748	22.04	7.28	1140	8	1.02	40.1	1500	54.88
0751	22.22	7.28	1142	5	1.02	15.4	3000	54.88
0754	22.60	7.29	1146	4	1.11	-77.7	4500	54.90
0757	22.70	7.32	1147	4	1.19	-26.6	6000	54.91
0800	22.71	7.32	1148	4	1.16	-33.3	7500	54.91
0803	22.74	7.34	1147	4	1.22	-35.0	9000	54.92

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 9000
Sampling Time: 0805	Sampling Date: 7/20/09
Sample I.D.: EXP-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOCs MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/20/09
Well I.D.: EXP-2	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 127.97	Depth to Water: Pre: 54.91 Post: 55.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 0847 Pump Depth: 112'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0850	22.24	7.33	1554	3	1.05	-29.4	1500	54.98
0853	22.13	7.30	1590	3	0.78	-54.2	3000	54.98
0856	22.16	7.27	1593	2	0.74	-64.2	4500	54.99
0859	22.23	7.27	1588	2	0.75	-66.9	6000	55.00
0902	22.28	7.27	1585	2	0.80	-49.3	7500	55.00
0905	22.27	7.27	1584	2	0.84	-73.2	9000	55.02
0909	22.30	7.27	1582	2	0.84	-75.8	10500	55.02

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 10500
Sampling Time: 0910	Sampling Date: 7/20/09
Sample I.D.: EXP-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHp VOCs MTBE	Other: See SOW.
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/20/09
Well I.D.: EXP-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 123.10	Depth to Water: Pre: 53.93 Post: 54.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 9.47 Pump Depth: 112'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to water
0950	22.75	7.49	794	4	0.83	-113.7	1500	53.99
0953	22.48	7.48	810	4	0.77	-110.8	3000	54.00
0956	22.52	7.46	812	3	0.65	-111.9	4500	54.00
0959	22.70	7.45	812	2	0.62	-109.3	6000	54.00
1002	22.78	7.45	812	2	0.68	-112.0	7500	54.00

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7500
Sampling Time: 1005	Sampling Date: 7/20/09
Sample I.D.: EXP-3	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHP</u> <u>VOCs</u> MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

Project #: 09071

Sampler: TV

Well I.D.: EXP

Total Well Depth: 1

Depth to Free Product

Referenced to:

Purge Method: 2

Sampling Method: I

Flow Rate: 500 mL

Time	Temp. (°C or °F)
1053	22.43
1058	21.76
1059	21.53
1102	21.66
1105	21.80
1108	21.83
1111	21.85

Did well dewater? Y

Sampling Time: 11

Sample I.D.: EXP

Analyzed for: T

Equipment Blank I.D.

Blaine Tech Service

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TK1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: EXP-5	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 113.22	Depth to Water: Pre: 49.10 Post: 49.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/MIN @ 0740 Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0743	21.54	7.04	962	4	1.67	84.0	1500	49.13
0746	22.06	7.03	964	2	1.59	61.5	3000	49.13
0749	22.10	7.10	969	2	1.55	35.9	4500	49.13
0752	22.20	7.13	970	2	1.55	-16.9	6000	49.13
0755	22.22	7.15	973	2	1.58	-34.9	7500	49.13
0758	22.26	7.15	974	2	1.59	-39.3	9000	49.13
0801	22.28	7.16	974	2	1.59	-42.3	10500	49.13

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 10500
Sampling Time: 0805	Sampling Date: 7/21/09
Sample I.D.: EXP-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TDPHfp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/20/09
Well I.D.: GMMW-0-1	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 49.18	Depth to Water: Pre: 23.15 Post: 23.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: RVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 ml/min @ 1336 Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to water
1339	24.76	6.97	2684	13	1.49	-55.8	1500 23.19 (TR)	23.49
1342	24.55	6.94	2680	10	1.40	-59.9	3000	23.56
1345	24.58	6.92	2670	8	1.43	-41.4	4500	23.60
1348	24.64	6.91	2668	8	1.30	-61.7	6000	23.68
1351	24.66	6.91	2665	7	1.28	-62.5	7500	23.68
1354	24.69	6.90	2558	7	1.24	-63.8	9000	23.69

Did well dewater? Yes No <input checked="" type="checkbox"/>	Amount actually evacuated: 9000
Sampling Time: 1355	Sampling Date: 7/20/09
Sample I.D.: GMMW-0-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: EB-1 @ Time 1415	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: GMW-0-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 49.22	Depth to Water: Pre: 24.40 Post: 24.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump	Peristaltic Pump	Bladder Pump
Sampling Method: Dedicated Tubing	New Tubing	Other _____
Flow Rate: 500 mL/min @ 0831	Pump Depth: 45'	

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0834	22.21	7.06	2881	44	1.85	-31.9	1500	24.55
0837	22.28	7.03	2876	29	1.26	-53.5	3000	24.55
0840	22.40	7.03	2875	28	1.18	-62.2	4500	24.60
0843	22.47	7.02	2878	17	1.14	-74.0	6000	24.63
0846	22.52	7.02	2878	16	1.09	-75.3	7500	24.64
0849	22.53	7.02	2880	16	1.05	-77.3	9000	24.68

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 9000
Sampling Time: 0850	Sampling Date: 7/21/09
Sample I.D.: GMW-0-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHsp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090728-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: GWN-0-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 48.30	Depth to Water: Pre: 24.21 Post: 24.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL / MIN @ 0908 Pump Depth: 42'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or μ L)	Depth to water
0911	23.77	7.13	2613	46	4.09	-127.9	1500	24.30
0914	24.11	7.12	2607	42	0.61	-133.3	3000	24.30
0917	24.30	7.11	2608	45	0.52	-147.3	4500	24.31
0920	24.40	7.11	2611	40	0.48	-150.7	6000	24.31
0923	24.49	7.11	2606	38	0.46	-152.3	7500	24.31
0926	24.56	7.11	2605	40	0.45	-158.0	9000	24.31

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 9000
Sampling Time: 0930	Sampling Date: 7/21/09
Sample I.D.: GWN-0-3	Laboratory: Alpha Analytical
Analyzed for: PPHg TPHsp VOCs MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/22/09
Well I.D.: G MW - 0 - 14	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 49.65	Depth to Water: Pre: 26.31 Post: 26.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVO Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL / MIN @ 0950 Pump Depth: 45'

Time	Temp. (C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0953	24.48	7.25	1835	16	0.85	-219.6	1500	26.44
0956	25.20	7.25	1844	10	0.80	-220.4	3000	26.45
0959	25.80	7.23	1861	8	0.75	-214.7	4500	26.45
1002	26.02	7.22	1872	8	0.47	-217.6	6000	26.45
1005	26.12	7.20	1887	6	0.37	-223.0	7500	26.45
1008	26.20	7.19	1904	5	0.32	-221.9	9000	26.45
1011	26.26	7.19	1910	5	0.32	-222.3	10500	26.45
1014	26.30	7.19	1914	5	0.30	-219.9	12000	26.45

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 12600
Sampling Time: 1015	Sampling Date: 7/22/09
Sample I.D.: G MW - 0 - 14	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHsp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.: DUP-3

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR	Client: KMEP Norwalk
Sampler: TA	Start Date: 7/22/09
Well I.D.: GWW-0-15	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: 24.99 Post: —
Depth to Free Product: 24.94	Thickness of Free Product (feet): 0.05
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: ~~2" Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other _____
 Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
— 0.05' OF SPH DETECTED W/ INTERFACE PROBE —								
— NO SAMPLE TAKEN —								

Did well dewater? Yes No 	Amount actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/22/09
Well I.D.: GMW-36	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.92	Depth to Water: Pre: 25.90 Post: 26.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL / MIN @ 1100 Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1103	25.41	7.25	2055	13	0.70	-160.2	1500	26.27
1106	24.94	7.16	2049	9	0.94	-156.6	3000	26.30
1109	25.01	7.24	2040	7	0.89	-150.3	4500	26.32
1112	25.25	7.23	2043	7	0.62	-135.6	6000	26.35
1115	25.36	7.23	2045	6	0.48	-132.8	7500	26.37
1118	25.44	7.23	2046	4	0.46	-131.6	9000	26.37
1121	25.52	7.23	2048	4	0.45	-131.0	10500	26.40

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 10500
Sampling Time: 1125	Sampling Date: 7/22/09
Sample I.D.: GMW-36	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOCs MTBE	Other: see S.O.W
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: GWW-38	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.12	Depth to Water: Pre: 27.21 Post: 27.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/MIN @ 0959 Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1002	22.89	7.46	574	12	0.65	-198.8	1500	27.30
1005	23.31	7.41	572	9	0.58	-197.3	3000	27.32
1008	23.50	7.41	573	8	0.54	-204.0	4500	27.34
1011	23.68	7.41	583	4	0.56	-204.8	6000	27.38
1014	23.73	7.42	596	4	0.55	-205.3	7500	27.40
1017	23.75	7.43	599	4	0.58	-206.3	9000	27.40

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 9000
Sampling Time: 1020 1020	Sampling Date: 7/24/09
Sample I.D.: GWW-38	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TRC	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: G MW - 39	Well Diameter: 2 3 4 6 8
Total Well Depth: 50.63	Depth to Water: Pre: 26.85 Post: 27.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/MIN @ 1301 Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1304	23.75	7.32	1043	3	0.64	-82.3	1500	27.20
1307	23.78	7.30	1062	3	0.52	-94.0	3000	27.24
1310	24.13	7.26	1059	2	0.52	-112.3	4500	27.30
1313	24.30	7.19	1060	2	0.53	-109.3	6000	27.33
1316	24.39	7.11	1060	2	0.50	-86.3	7500	27.35
1319	24.46	7.13	1060	2	0.48	-84.0	9000	27.38
1322	24.61	7.15	1060	2	0.47	-81.3	10500	27.38

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 10500
Sampling Time: 1325	Sampling Date: 7/21/09
Sample I.D.: G MW - 39	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see S.I.S. W.
Equipment Blank I.D.: EB-2 @ Time 1345	Duplicate I.D.: DUP-1

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>TR 090722-TR1</u>	Client: KMEP Norwalk
Sampler: <u>TR</u>	Start Date: <u>7/22/09</u>
Well I.D.: <u>MW-SF-1</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>51.29</u>	Depth to Water: Pre: <u>30.90</u> Post: <u>31.09</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/MIN @ 0035 Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0838	26.39	7.08	1880	212	0.58	-208.9	1500	31.09
0841	26.82	7.08	1872	190	0.32	-227.3	3000	31.09
0844	27.00	7.08	1870	119	0.29	-241.3	4500	31.09
0847	27.17	7.03	1849	86	0.30	-246.3	6000	31.09
0850	27.28	7.00	1818	60	0.29	-241.3	7500	31.09
0853	27.32	6.98	1805	48	0.28	-266.4	9000	31.09
0856	27.38	6.96	1799	48	0.28	-248.3	10500	31.09
0859	27.45	6.96	1791	45	0.28	-269.5	12000	31.09
0902	25.48	6.95	1790	44	0.27	-269.9	13500	31.09

Did well dewater? Yes No Amount actually evacuated: 13500

Sampling Time: 0905 Sampling Date: 7/22/09

Sample I.D.: MW-SF-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOCs MTBE Other: See S.O.W.

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date:
Well I.D.: NW-SF-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: 31.61 Post:
Depth to Free Product: 31.65	Thickness of Free Product (feet): 0.04
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
 Sampling Method: Dedicated Tubing ~~New Tubing~~ Other _____
 Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
— 0.04' OF SPH DETECTED w/ INTERFACE PROBE —								
— NO SAMPLE TAKEN —								

Did well dewater? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: <u>EB-3</u> @ Time 1200	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720 - TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/22/09
Well I.D.: P2-5	Well Diameter: 2 3 4 6 8
Total Well Depth: 38.28	Depth to Water: Pre: 25.20 Post: 25.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 0742 Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0745	22.12	6.82	2903	37	1.22	-10.6	1500	25.28
0748	22.52	6.84	2914	20	0.92	-24.4	3000	25.29
0751	22.62	6.86	2915	9	0.72	-34.1	4500	25.30
0754	22.98	6.88	2918	7	0.70	-40.3	6000	25.30
0757	23.01	6.88	2916	6	0.72	-44.6	7500	25.31
0800	23.06	6.89	2913	6	0.69	-46.3	9000	25.31
0803	23.09	6.90	2911	6	0.68	-46.9	10500	25.31

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 10500
Sampling Time: 0805	Sampling Date: 7/22/09
Sample I.D.: P2-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see S.O.W.
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: DUP-2

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-DR1	Client: KMEP Norwalk
Sampler: DR	Start Date: 7/21/09
Well I.D.: P2-10	Well Diameter: (2) 3 4 6 8
Total Well Depth: 37-90	Depth to Water: Pre: 26.60 Post: 27.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Flow Rate: 500 mL/MIN @ 1210 Pump Depth: 32'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1213	26.76	7.28	1203	40	0.31	-146.3	1500	26.84
1216	27.23	7.19	1235	34	0.33	-152.4	3000	26.86
1219	27.50	7.18	1255	24	0.40	-149.0	4500	26.89
1222	27.63	7.17	1279	14	0.42	-138.3	6000	26.93
1225	27.70	7.17	1298	9	0.38	-137.4	7500	26.95
1228	27.73	7.16	1304	8	0.36	-137.0	9000	26.95
1231	27.79	7.14	1307	8	0.34	-137.3	10500	26.98
1234	27.83	7.16	1315	9	0.35	-136.3	12000	27.00

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 12000 mL
Sampling Time: 1235	Sampling Date: 7/21/09
Sample I.D.: P2-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see S.O.W.
Equipment Blank I.D.: DR1 @ Y2	Duplicate I.D.: DR1 @ Y2

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/20/09
Well I.D.: WCW-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 50.44	Depth to Water: Pre: 28.48 Post: 28.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 1249 Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1252	23.11	6.95	3421	7	2.24	-44.0	1500	28.53
1255	24.00	6.92	3356	4	2.44	-54.0	3000	28.53
1258	24.21	6.92	3336	3	2.31	-53.0	4500	28.53
1301	24.28	6.93	3316	2	2.07	-54.9	6000	28.53
1304	24.33	6.93	3298	2	1.96	-56.3	7500	28.53
1307	24.35	6.93	3290	2	1.93	-56.4	9000	28.53

Did well dewater? Yes No Amount actually evacuated: 9000

Sampling Time: 1310 Sampling Date: 7/20/09

Sample I.D.: WCW-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See S.O.W.

Equipment Blank I.D.: @ _____ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/21/09
Well I.D.: W CW-7	Well Diameter: 2 3 4 6 8
Total Well Depth: 51:44	Depth to Water: Pre: 28.94 Post: 29.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL / MIN @ 1057 Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1100	25.14	7.34	3374	15	1.03	-99.4	1500	28.99
1103	25.49	7.25	3374	4	0.84	-138.3	3000	29.04
1106	25.60	7.22	3382	6	0.78	-150.9	4500	29.09
1107	25.68	7.20	3390	6	0.72	-159.3	6000	29.12
1112	25.73	7.20	3393	5	0.72	-160.3	7500	29.13

Did well dewater? Yes <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Amount actually evacuated: 7500
Sampling Time: 1115	Sampling Date: 7/21/09
Sample I.D.: W CW-7	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHsp VOC's MTBE	Other: See S.O.L.
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090720-TR1	Client: KMEP Norwalk
Sampler: TR	Start Date: 7/20/07
Well I.D.: WCV-13	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 60.31	Depth to Water: Pre: 30.20 Post: 30.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min @ 1200 Pump Depth: 55'

Time	Temp. (C or F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1209	23.10	7.41	2403	91	0.47	-77.1	1500	30.22
1212	24.70	7.39	2393	38	0.48	-94.6	3000	30.22
1215	24.93	7.38	2416	27	0.50	-110.3	4500	30.22
1218	25.02	7.38	2420	21	0.53	-117.3	6000	30.22
1221	25.12	7.36	2417	18	0.55	-120.3	7500	30.22
1224	25.16	7.36	2411	18	0.55	-121.8	9000	30.22
1227	25.20	7.36	2415	19	0.58	-124.6	10500	30.22

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	*Amount actually evacuated: 10500
Sampling Time: 1230	Sampling Date: 7/20/07
Sample I.D.: WCV-13	Laboratory: Alpha Analytical
Analyzed for: THg THfp VOC's MTBE	Other: See S.O.W.
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC | of |

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Thandat Phyu and Shioh-Whei Chou
 AMEC Geomatrix, Inc.
 510 Superior Ave. Suite 200
 Newport Beach, CA 92663

CHAIN OF

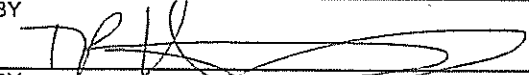
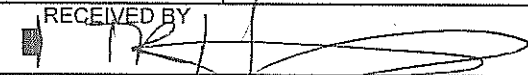
CLIENT **Kinder Morgan**

SITE **Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHfg. TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260E)	Ferrous Iron (3500-F-ED)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8/SW6020)	Diss. Methane & Carbon Dioxide (RSK175M)	Sulfate (EPA 300.0)	Nitrate and Nitrite (EPA 300.0)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type												
TR-1	7-20-09	0700	AQ	2	HCl	VOA		X										
GMM-0-1		1355		6			X	X										
EB-1		1415					X	X										
WCW-3		1310					X	X										
WCW-13		1230					X	X										
EXP-4		1113					X	X										
EXP-3		1005					X	X										
EXP-2		0910					X	X										
EXP-1		0805					X	X										

SAMPLING COMPLETED DATE **7-20-09** TIME **1430** SAMPLING PERFORMED BY **T. RHYMES** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  TIME **1515** RECEIVED BY  DATE **7-20-09** TIME **1515**

RELEASED BY _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

RELEASED BY _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 of 1

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Thandat Phyu and Shioh-Whei Chou
 AMEC Geomatrix, Inc.
 510 Superior Ave. Suite 200
 Newport Beach, CA 92663

CHAIN OF
 CLIENT Kinder Morgan
 SITE Norwalk
 15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	Ferrous Iron (3500-F-ED)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8(SW6020)	Diss. Methane & Carbon Dioxide (RSK175M)	Sulfate (EPA 300.0)	Nitrate and Nitrite (EPA 300.0)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type												
TB-2	7.21.09	0700	AQ	2	HCL	VOA		X										
P2-10		1235		6			X	X										
GMW-39		1325		1			X	X										
EB-2		1345					X	X										
EXP-1							X	X										
WCW-7		1115					X	X										
GMW-38		1020					X	X										
GMW-0-3		0930					X	X										
GMW-0-2		0950					X	X										
EXP-5		0905					X	X										

SAMPLING COMPLETED DATE 7.21.09 TIME 1430 SAMPLING PERFORMED BY T. RHYMS RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1500 RECEIVED BY [Signature] DATE 7.21.09 TIME 1500

RELEASED BY [Signature] TIME [] RECEIVED BY [Signature] DATE [] TIME []

RELEASED BY [Signature] TIME [] RECEIVED BY [Signature] DATE [] TIME []

SHIPPED VIA TIME SENT [] COOLER # []

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 1
 Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

CHAIN OF
 CLIENT Kinder Morgan
 SITE Norwalk
 15306 Norwalk Blvd, Norwalk

Kinder Morgan Norwalk
 Report to:
 Thandat Phyu and Shioh-Whei Chou
 AMEC Geomatrix, Inc.
 510 Superior Ave. Suite 200
 Newport Beach, CA 92663

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS			TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260E)	Ferrous Iron (3500-F-ED)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8/SW6020)	Diss. Methane & Carbon Dioxide (RSK175M)	Sulfate (EPA 300.0)	Nitrate and Nitrite (EPA 300.0)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
TB-3	7-22-09	0700	AQ	2	HCL	VOA	X	X										
P2-5		0805		6			X	X										
DUP-2							X	X										
MW-SF-1		0905					X	X										
GMW-0-14		1015					X	X										
DUP-3							X	X										
GMW-30		1125					X	X										
EB-3		1200					X	X										

SAMPLING DATE TIME SAMPLING PERFORMED BY T. RATHMOS
 COMPLETED 7-22-09 1230
 RESULTS NEEDED NO LATER THAN Standard

RELEASED BY Nicole
 TIME 1420 RECEIVED BY FEDEX
 DATE 7/22/09 TIME 1420

SHIPPED VIA TIME SENT COOLER #

WELLHEAD INSPECTION CHECKLIST

Client KMEP Date 7/20/09

Site Address 15302 NORWALK - NORWALK

Job Number 090720-TR1 Technician _____

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
EXP-1	X									
EXP-3	X									
EXP-2	X									
EXP-4	X	X	✓							
WCW-13	X	X	✓							
WCW-3	X	X	X	X						
GMW-0-1	X	X	✓							
EXP-5			X							
GMW-0-2	✓	✓	✓							
GMW-0-3	X	✓	✓							
GMW-3B	X									
WCW-7	✓	X	✓							
P2-10	X									
GMW-3A	✓									
P2-5	X	X	X							
MW-SF-1	X									
GMW-0-14			X							

NOTES: EXP-1, 2, 3, GMW-3B, P2-10, GMW-3A } STAND PIPES /
 EXP-5: NO BOLTS }
 GMW-0-14: NO BOLTS } NO LOCKS

WELLHEAD INSPECTION CHECKLIST

Client KMEP - GEOMATRIX Date 7/20/09
 Site Address 15300 NORWALK - NORWALK
 Job Number 0907020-TR 1 Technician TR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
GMW-36		X								
GMW-0-15										
MW-SF-4	X									

NOTES: GMW-36, GMW-0-15: VAULT - NO BOLTS
MW-SF-4: STAND PIPE

