

Appendix C
Well Purging and Sampling Records –
April 2011 Semiannual Monitoring Event

WELL GAUGING DATA

Project # 110411-TR1 Date 4/11/11 Client KMER

Site Kinder Morgan Norwalk

Well ID	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	Time
BW-1	4					25.34	52.65		1054
BW-2	4					25.30	EXT		1120
BW-3	4					26.14	50.81		1112
BW-4	4					26.23	EXT		1106
BW-5	4					25.18	44.40		1050
BW-6	4					25.34	48.03		1042
BW-7	4					26.70	EXT		1040
BW-8	4					27.28	EXT		1054
BW-9	4					28.50	EXT		1040
EXP-1	4					53.98	128.89		0752
EXP-2	4					54.44	128.17		0753
EXP-3	4					52.92	123.01		0802
EXP-4	4					54.10	115.20		0850
EXP-5	4					49.82	113.25		0810
GMW-1	4					25.98	49.45		0956
GMW-10	4					25.21	42.73		1006
GMW-11	4					24.14	49.70		1006

WELL GAUGING DATA

Project # 110411-TR1 Date 4/11/11 Client KMRP

Site Kinder Morgan Norwalk

Well ID	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	Time
GMW-13	4					25.23	49.47		1058
GMW-14	4					25.88	49.56		1032
GMW-2	UNABLE TO LOCATE								
GMW-22	4					26.45	EXT.		1050
GMW-23	4					26.40	58.30		1212
GMW-24	4					28.21	EXT.		1240
GMW-25	6					26.21	45.43		1232
GMW-26	4					27.22	46.50		1238
GMW-27	4					26.33	49.12		1252
GMW-28	4					29.32	49.45		1248
GMW-29	4					29.52	45.30		1259
GMW-3	4					26.17	49.85		1320
GMW-30	4					26.43	49.86		1310
GMW-36	EXT EQUIP IN WELL								
GMW-37	4					28.31	53.46		1103
GMW-38	4					26.49	53.10		1320
GMW-39	4					25.92	50.50		1139

WELL GAUGING DATA

 Project # 110421-TR1

 Date 4/10/11

 Client KMEP

 Site Kinder Morgan Norwalk

Well ID	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	Time
GMW-4	4					24.59	49.80	0	1242
GMW-8	UNABLE TO LOCATE - BURIED								
GMW-9	5					25.41	50.00		1092
GMW-O-1	4					23.17	49.22		1010
GMW-O-10	4					25.72	50.00	0	1018
GMW-O-11	UNABLE TO ACCESS - EXT EQUIP								
GMW-O-12	4					24.04	34.93		1040
GMW-O-14	4					25.25	49.89		1032
GMW-O-15	EXT PUMP IN WELL								
GMW-O-16	4					24.66	48.70		1012
GMW-O-17	4					24.11	39.58	0	0937
GMW-O-18	UNABLE TO GAUGE - EXT EQUIPMENT								
GMW-O-19	4					24.75	39.87		1015
GMW-O-2	4					24.14	49.20		1053
GMW-O-20	4					23.82	45.90		1037
GMW-O-21	EXT EQUIPMENT IN WELL								
GMW-O-23	4					25.08	29.22	0	0946

WELL GAUGING DATA

Project # 110411-TR1 Date 4/11/11 Client KMEP

Site Kinder Morgan Norwalk

Well ID	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	Time
GMW-O-3	4					23.49	48.38		1035
GMW-O-4	4					23.00	49.50		1032
GMW-O-4 (MID)	4					31.03	61.40		0956
GMW-O-5	4					23.46	48.92		1025
GMW-O-6	4					22.48	49.60		1010
GMW-O-7	4					21.59	49.34		1022
GMW-O-7	4					21.59	49.34		1022
GMW-O-8	4					22.24	49.42		1016
GMW-O-9	4					25.17	50.09		1028
GMW-SF-10	4					26.80	46.92		1016
GMW-SF-7	4					26.13	43.19		1008
GMW-SF-8	4					27.44	43.70		1054
GMW-SF-9	4					23.90	42.40		1050
GWR-1	4					27.50	44.59		1112
GWR-3	4					29.94	49.62		1116
HL-2	4					28.73	39.05		1120
HL-3	4					28.28	41.76		1120

WELL GAUGING DATA

 Project # 110411-TRI

 Date 4/11/11

 Client KMEP

 Site Kinder Morgan Norwalk

Well ID	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	Time
HW-2			UNABLE TO LOCATE						
MW-12	4					27.14	52.13		1250
MW-15	4		28.16	0.46		28.62	—		1253
MW-18 (MID)	4					31.28	65.00		1207
MW-19 (MID)	4					32.64	62.06		1220
MW-20 (MID)	4					31.39	56.75		1214
MW-21 (MID)	4					29.00	62.12		1220
MW-6	4					29.14	52.10		1250
MW-7	4					29.64	53.56		1202
MW-8	4					26.84	51.95		1157
MW-9	4					28.18	51.96		1150
MW-O-1	4					25.54	32.67		1247
MW-O-2			EXT EQUIPMENT IN WELL						
MW-SF-1	4					29.87	39.92		1256
MW-SF-10	4		27.37	0.04		27.41	—		1114
MW-SF-11			EXT EQUIPMENT IN WELL						
MW-SF-12	4					29.47	EXT		1212

WELL GAUGING DATA

 Project # 110411-TRI

 Date 4/11/11

 Client KMEP

 Site Kinder Morgan Norwalk

Well ID	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	Time
MW-SF-13	—		EXT EQUIPMENT IN WELL			—			
MW-SF-14	—		EXT EQUIPMENT IN WELL			—			
MW-SF-15	—		EXT EQUIPMENT IN WELL			—			
MW-SF-16	—		EXT EQUIPMENT IN WELL			—			
MW-SF-2	4					29.83	43.33		1152
MW-SF-3	—		EXT EQUIPMENT IN WELL			—			
MW-SF-4	4					36.85	44.42		1150
MW-SF-5	5					31.03	51.14		1132
MW-SF-6	4					28.16	41.36		1116
MW-SF-9	4					24.14	38.32		1142
PW-1	4					27.03	50.00		1137
PW-2	4					DRY	20.00		1059
PW-3	4					25.60	50.11		1111
PZ-10	2					25.57	37.90		1303
PZ-2	4					25.32	49.50		1150
PZ-5	4					24.70	38.42		1203
PZ-6	—		UNABLE TO LOCATE			—			

WELL GAUGING DATA

 Project # 110411-TRI

 Date 9/11/11

 Client KMEP

 Site Kinder Morgan Norwalk

Well ID	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	Time
PZ-7A	2					24.48	31.60		1240
PZ-7B	2					24.57	45.45		1243
PZ-8A	2					26.50	38.25		1250
PZ-8B	2					26.52	52.92		1253
PZ-9A	2					26.94	32.19		1257
PZ-9B	2					27.20	50.15		1301
VEW-1	4					DRY	28.98		1330
VEW-2	4					DRY	29.49		1333
WCW-1	4					24.73	52.03		0830
WCW-10	4					25.55	55.46		0851
WCW-11	4					27.43	61.42		0900
WCW-12	4					28.70	60.96		0912
WCW-13	4					30.52	61.02		0856
WCW-14	4					31.66	58.48		0906
WCW-2	4					27.67	57.56		0910
WCW-3	4					28.84	50.52		0917
WCW-4	4					30.88	55.82		0922

WELL GAUGING DATA

Project # 110411-TR1 Date 4/11/11 Client KMEP

Site Kinder Morgan Norwalk

Well ID	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	Time
WCW-5	4					27.41 25.23 27.41 72	51.88		0922
WCW-6	4					27.41	51.03		0930
WCW-7	4					28.90	51.50		0935
WCW-8	4					30.03	52.96		0941
WCW-9	4					30.68	53.11		0928

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons / KMEP
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: EXP-1	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 128.80	Depth to Water (ft.): 53.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0749 Flow Rate: 200 mL/min. Pump Depth: 97'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0752	17.40	7.72	1409	5	2.68	-54.2	600	53.96
0755	19.08	7.79	1367	4	2.07	-78.5	1200	53.96
0758	19.53	7.80	1376	4	1.91	-84.9	1800	53.96
0801	19.75	7.78	1386	3	1.75	-83.8	2400	53.96
0804	19.82	7.79	1392	3	1.70	-82.7	3000	53.96
0807	19.86	7.79	1394	3	1.73	-79.0	3600	53.96

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0808</u>	Sampling Date: <u>4-11-11</u>
Sample I.D.: <u>EXP-1</u>	Laboratory: <u>GIS/ALPHA</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: @ Tunc	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-501	Client: Parsons / KMEP
Sampler: <i>SP</i>	Gauging Date: 4-11-11
Well I.D.: EXP-2	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 128.17	Depth to Water (ft.): 54.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: <u>451 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0837 Flow Rate: 200 mL/min Pump Depth: 105'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ML</u>)	Depth to Water (ft.)
0840	20.58	8.28	1968	6	2.25	-111.6	600	54.42
0843	21.03	8.04	2049	5	1.78	-120.3	1200	54.42
0846	21.16	7.97	2086	5	1.66	-119.4	1800	54.42
0849	21.17	7.88	2103	4	1.63	-119.4	2400	54.42
0852	21.12	7.86	2109	4	1.67	-118.7	3000	54.42
0855	21.12	7.82	2108	4	1.65	-115.8	3600	54.42

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0856</u>	Sampling Date: <u>4-11-11</u>
Sample I.D.: <u>EXP-2</u>	Laboratory: <u>Call Science / ALPHA</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>SEE COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons / KMEP
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: EXP-3	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 123.01	Depth to Water (ft.): 52.90
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 _____

Start Purge Time: 0925 Flow Rate: 200 mL/min Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0928	20.30	8.21	1184	5	2.46	-102.3	600	52.93
0931	20.49	8.04	1243	5	1.91	-104.7	1200	52.43
0934	20.54	7.99	1264	4	1.78	-105.1	1800	52.93
0937	20.50	7.95	1278	4	1.73	-104.4	2400	52.94
0940	20.49	7.91	1286	4	1.67	-106.1	3000	52.94
0943	20.52	7.89	1289	3	1.66	-105.7	3600	52.94

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 3600 mL
Sampling Time: 0944	Sampling Date: 4-11-11
Sample I.D.: EXP-3	Laboratory: Gilson / ALPHA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Sep Col
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110401-RS1	Client: KMEP
Sampler: R1	Start Date: 4/11/11
Well I.D.: EXP-4	Well Diameter: 2 3 4 6 8
Total Well Depth: 115.20	Depth to Water: Pre: 54.10 Post: 54.22
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 _____
 Start Purge Time: 0612 Flow Rate: 500 mL/min Pump Depth: 110'

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
0615	19.80	7.32	1251	4	0.57	-143.7	1500	54.20
0618	20.39	7.48	1273	3	0.35	-159.7	3000	54.20
0621	20.44	7.49	1280	3	0.32	-168.9	4500	54.22
0624	20.49	7.49	1283	3	0.34	-170.7	6000	54.22
0627	20.52	7.49	1284	3	0.33	-172.7	7500	54.22

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 0628	Sampling Date: 4/12/11
Sample I.D.: EXP-4	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: R2	Start Date: 4/11/11
Well I.D.: EXP-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 113.25	Depth to Water: Pre: 49.82 Post: 49.85
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1534 Flow Rate: 200 mL / MIN Pump Depth: 108'

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
1537	22.1	7.13	858	11	1.52	41.2	600	49.85
1540	22.2	7.08	952	8	0.93	38.7	1200	49.85
1543	22.2	7.03	982	4	0.38	35.9	1800	49.85
1546	22.0	7.07	990	4	0.85	35.2	2400	49.85
1549	22.0	7.07	994	3	0.83	35.0	3000	49.85

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.0 L
Sampling Time: 1550	Sampling Date: 4/11/11
Sample I.D.: EXP-5	Laboratory: Alpha Analytical
Analyzed for: <input checked="" type="checkbox"/> PHg <input checked="" type="checkbox"/> PHfp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE	Other:
Equipment Blank I.D.: EB-1 @ 1000 Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: #5	Start Date: 4/11/11
Well I.D.: 6MW-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.45	Depth to Water: Pre: 25.98 Post: 26.04
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 _____
 Start Purge Time: 0719 Flow Rate: 500 mL/min 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
0722	22.19	7.27	1467	5	0.41	-137.1	1500	26.04
0725	24.07	7.12	1526	4	0.39	-141.9	3000	26.04
0728	25.01	7.10	1530	4	0.32	-150.9	4500	26.04
0731	25.04	7.09	1532	4	0.31	-153.2	6000	26.04
0734	25.00	7.09	1532	4	0.33	-154.7	7500	26.04

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 0735	Sampling Date: 4/11/11
Sample I.D.: 6MW-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.: DUP-6

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: <u>KMEP</u> KMEP
Sampler: <u>TR</u>	Start Date: <u>4/11/11</u>
Well I.D.: <u>GMW-2</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u> </u>	Depth to Water: Pre: <u> </u> Post: <u> </u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</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~~

Start Purge Time: 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
<u> </u>	<u>UNABLE TO LOCATE</u>			<u> </u>				
<u> </u>	<u>WELL IS BURIED</u>			<u> </u>				
<u> </u>	<u>NO SAMPLES TAKEN</u>			<u> </u>				

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: 6 6MW-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 49.85	Depth to Water: Pre: 26.17 Post: 26.21
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 _____

Start Purge Time: 1441 Flow Rate: 500 mL/min 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
1444	22.91	7.37	1121	10	1.60	43.7	1500	26.21
1447	24.59	7.01	1125	8	1.47	55.2	3000	26.21
1450	25.61	6.96	1127	7	1.44	56.2	4500	26.21
1453	25.63	6.95	1126	7	1.40	56.3	6000	26.21
1456	25.63	6.95	1127	7	1.41	57.1	7500	26.21

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1457	Sampling Date: 4/12/11
Sample I.D.: 600 6MW-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EP-4 @ Time 1530	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411- BA TRI	Client: KMEP
Sampler: AS	Start Date: 4/11/11
Well I.D.: 6MW-4	Well Diameter: 2 3 4 6 8
Total Well Depth: 49.80	Depth to Water: Pre: 24.59 Post: 25.63
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 _____
 Start Purge Time: 0751 Flow Rate: 500ml/min 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
0754	23.18	7.04	1369	3	0.36	-140.1	1500	25.63
0757	23.83	6.80	1381	4	0.54	-139.4	3000	25.63
0800	24.04	6.79	1387	3	0.69	-138.7	4500	25.63
0803	24.01	6.79	1388	3	0.70	-137.7	6000	25.63
0806	24.02	6.78	1390	3	0.72	-136.0	7500	25.63

Did well dewater? Yes No Amount actually evacuated: 7500mL

Sampling Time: 0807 Sampling Date: 4/14/11

Sample I.D.: 6MW-4 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: GAW-8	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
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 _____
 Start Purge Time: _____ 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
—	UNABLE TO LOCATE			—				
—	WELL IS BURIED			—				
—	NO SAMPLES 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 #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: GMW-9	Well Diameter: 2 3 4 6 8 <u>5</u>
Total Well Depth: 50.00	Depth to Water: Pre: 25.41 Post: 25.43
Depth to Free Product:	Thickness of Free Product (feet):
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 _____

Start Purge Time: 1005 Flow Rate: 500 mL / MIN 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
1008	22.6	6.92	3471	22	0.66	-97.7	1500	25.43
1011	22.9	6.92	3485	13	0.56	-112.5	3000	25.43
1014	23.1	6.92	3487	11	0.51	-117.5	4500	25.43
1017	23.2	6.92	3490	10	0.50	-120.2	6000	25.43
1020	23.3	6.92	3491	9	0.48	-120.8	7500	25.43
1023	23.3	6.92	3492	10	0.47	-122.0	9000	25.43

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9:02
Sampling Time: 1024	Sampling Date: 4/13/11
Sample I.D.: GMW-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/14/11
Well I.D.: GMW-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 42.73	Depth to Water: Pre: 25.2 Post: 25.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI <u>536</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1044 Flow Rate: 500 mL/min Pump Depth: 38'

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
1047	23.4	7.10	1776	36	0.73	-180.3	1500	25.29
1050	23.8	7.06	1778	29	0.68	-196.4	3000	25.29
1053	23.9	6.97	1777	25	0.58	-203.9	4500	25.29
1054	24.0	6.97	1772	28	0.51	-210.6	6000	25.29
1059	24.0	6.97	1770	26	0.48	-214.9	7500	25.29
1102	23.9	6.97	1772	28	0.48	-214.3	9000	25.29

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 9.0 L
Sampling Time: 1103	Sampling Date: 4/14/11
Sample I.D.: GMW-10	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOCs</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: EB-9 @ 1245 <small>Time</small>	Duplicate I.D.: DUP-7

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-FRI	Client: KMEP
Sampler: R	Start Date: 4/11/11
Well I.D.: GMW-13	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.47	Depth to Water: Pre: 25.23 Post: 25.30
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1034 Flow Rate: 500mL/min 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
1037	20.50	7.22	712	9	2.71	133.2	1500	25.30
1040	22.52	7.31	711	7	1.87	194.1	3000	25.30
1043	22.57	7.30	711	5	1.84	185.4	4500	25.30
1046	22.54	7.31	711	5	1.81	181.0	6000	25.30
1049	22.60	7.31	711	5	1.80	180.4	7500	25.30

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 7500mL
Sampling Time: 1050	Sampling Date: 4/12/11
Sample I.D.: GMW-13	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: FS	Start Date: 4/11/11
Well I.D.: GMW-14	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.56	Depth to Water: Pre: 25.88 Post: 25.93
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1120 Flow Rate: 500ml/min Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to water
1123	21.96	7.21	1278	7	0.44	-131.1	1500	25.93
1126	22.41	7.11	1282	5	0.31	-141.0	3000	25.93
1129	23.01	6.95	1295	4	0.22	-157.2	4500	25.93
1132	23.00	6.95	1296	4	0.22	-159.2	6000	25.93
1135	23.02	6.97	1296	4	0.23	-159.7	7500	25.93

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 7500
Sampling Time: 1130	Sampling Date: 4/13/11
Sample I.D.: GMW-14	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: MNA
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP KMEP
Sampler: TR	Start Date: 4/14/11
Well I.D.: GMW-25	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: 45.43	Depth to Water: Pre: 26.21 Post: 26.27
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 _____
 Start Purge Time: 0930 Flow Rate: 500 ML/MIN Pump Depth: 40'

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
0933	22.1	7.41	2342	114	1.67	-182.3	1500	26.28
0936	22.7	7.21	2353	88	0.64	-190.3	3000	26.28
0939	23.0	7.15	2352	68	0.58	-198.5	4500	24.27
0942	23.2	7.11	2352	60	0.50	-202.3	6000	24.27
0945	23.2	7.09	2350	57	0.50	-206.0	7500	26.27
0948	23.3	7.08	2352	55	0.48	-207.3	9000	24.27

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.02
Sampling Time: 0949	Sampling Date: 4/14/11
Sample I.D.: GMW-25	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp <u>VOC's</u> MTBE	Other: _____
Equipment Blank I.D.: @	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR	Client: KMEP
Sampler: R1	Start Date: 4/11/11
Well I.D.: 6MW-27	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.12	Depth to Water: Pre: 26.37 Post: 25.99
Depth to Free Product:	Thickness of Free Product (feet):
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 _____

Start Purge Time: 1202 Flow Rate: 500 mL/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1205	22.57	7.06	2417	138	0.31	-145.2	1500	25.99
1208	22.99	6.85	2926	28	0.31	-141.0	3000	25.99
1211	23.18	6.84	3074	12	0.29	-133.0	4500	25.99
1214	23.20	6.84	3073	11	0.26	-132.4	6000	25.99
1217	23.21	6.84	3075	11	0.27	-131.9	7500	25.99

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>1218</u>	Sampling Date: <u>4/13/11</u>
Sample I.D.: <u>6MW-27</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>MNA</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: GMW-37	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.46	Depth to Water: Pre: 28.31 Post: 28.41
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1110 Flow Rate: 500 mL/min Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1113	21.40	7.43	1196	17	3.20	154.2	1500	28.39
1118	22.80	7.24	1224	9	1.75	104.1	3000	28.41
1119	22.91	7.21	1225	5	1.71	131.7	4500	28.41
1122	22.94	7.21	1220	5	1.70	132.9	6000	28.41
1125	22.97	7.21	1220	5	1.72	133.0	7500	28.41

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>7500ml</u>
Sampling Time: <u>1126</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>GMW-37</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TL	Start Date: 4/12/11
Well I.D.: G1W-38	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.10	Depth to Water: Pre: 26.49 Post: 26.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1020 Flow Rate: 200 ML / MIN Pump Depth: 48'

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
1023	21.2	7.47	534	13	1.08	7.0	400	26.52
1026	21.5	7.37	524	8	0.81	-2.6	1200	26.52
1029	21.5	7.35	530	5	0.69	-5.2	1800	26.52
1032	21.6	7.29	532	3	0.60	-6.5	2400	26.52
1035	21.7	7.25	530	4	0.52	-7.3	3000	26.52
1038	21.7	7.24	532	4	0.49	-7.7	3600	26.52
1041	21.8	7.23	529	3	0.47	-7.9	4200	26.52

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4.2L
Sampling Time: 1042	Sampling Date: 4/12/11
Sample I.D.: G1W-38	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RSL	Start Date: 4/11/11
Well I.D.: GMW-39	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.50	Depth to Water: Pre: 25.92 Post: 26.00
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 _____
 Start Purge Time: 0832 Flow Rate: 500 mL/min 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
0835	21.09	7.49	988	4	1.80	74.1	1500	26.00
0838	21.91	7.46	989	3	1.52	79.0	3000	26.00
0841	22.14	7.44	990	2	1.50	81.4	4500	26.00
0844	22.16	7.47	990	2	1.56	82.1	6000	26.00
0847	22.17	7.47	990	2	1.52	82.7	7500	26.00

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0848	Sampling Date: 4/13/11
Sample I.D.: GMW-39	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: MNA
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: DUP-1

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TM1	Client: KMEP
Sampler: RS	Start Date: 4/12 4/11/11
Well I.D.: 6" GMW-0-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.22	Depth to Water: Pre: 23.17 Post: 23.28
Depth to Free Product:	Thickness of Free Product (feet):
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

Start Purge Time: 0841 Flow Rate: 500 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
0844	21.36	6.84	3287	13	1.92	-68.2	1500	23.28
0847	21.36	6.88	3295	10	1.90	-102.1	3000	23.28
0850	22.03	6.88	3301	9	1.86	-111.1	4500	23.28
0853	23.07	6.88	3304	8	1.85	-110.1	6000	23.28
0856	23.11	6.88	3304	8	1.83	-110.0	7500	23.28

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>0857</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>GMW-0-1</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u> </u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110401-TRI	Client: KMEP
Sampler: PJ	Start Date: 4/11/11
Well I.D.: 6MW-0-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.20	Depth to Water: Pre: 24.14 Post: 24.21
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 _____
 Start Purge Time: 0650 Flow Rate: 500 mL/min 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
0657	21.12	7.07	2826	12	0.45	-128.9	1500	24.21
0656	21.75	7.14	2829	10	0.69	-136.2	3000	24.22
0659	21.79	7.15	2830	11	0.70	-134.1	4500	24.22
0702	21.82	7.15	2832	10	0.65	-130.7	6000	24.22
0705	21.84	7.15	2833	10	0.64	-129.0	7500	24.22

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0700	Sampling Date: 4/12/11
Sample I.D.: 6MW-0-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TL	Start Date: 4/12/11
Well I.D.: GHW-0-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.38	Depth to Water: Pre: 23.49 Post: 23.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: Eye Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0749 Flow Rate: 200 mL/min Pump Depth: 43'

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
0752	21.8	6.89	2712	32	0.83	69.2	600	23.58
0755	21.9	6.92	2701	18	0.50	-38.5	1200	23.59
0758	22.0	6.92	2700	13	0.42	-56.5	1800	23.61
0801	22.1	6.93	2693	12	0.40	-62.5	2400	23.62
0804	22.2	6.93	2690	12	0.40	-66.3	3000	23.62
0807	22.2	6.94	2688	11	0.39	-68.1	3600	23.63

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3.6 L
Sampling Time: 0752 0808	Sampling Date: 4/12/11
Sample I.D.: GHW-0-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHip <u>VOC's</u> MTBE Other: MNA	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: GMW-0-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.50	Depth to Water: Pre: 23.00 Post: 23.04
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 _____
 Start Purge Time: 0639 Flow Rate: 200 ML / MIN 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
0642	21.3	6.84	3607	20	1.16	228	600	23.03
0645	21.5	6.88	3595	11	1.07	220	1200	23.03
0648	21.6	6.89	3592	6	1.04	216	1800	23.03
0651	21.6	6.90	3590	7	1.00	211	2400	23.04
0654	21.6	6.90	3590	6	0.96	210	3000	23.04
0657	21.7	6.90	3588	0	0.94	206	3600	23.04

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.6 L
Sampling Time: 0658	Sampling Date: 4/12/11
Sample I.D.: GMW-0-4	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u> Other: <u>MNAS</u>	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: GMW-0-4 (MID)	Well Diameter: 2 3 4 6 8
Total Well Depth: 61.40	Depth to Water: Pre: 31.03 Post: 31.10
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

Start Purge Time: 0720 Flow Rate: 200 mL / MIN Pump Depth: 56.5'

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
0723	20.2	7.38	1434	10	2.16	175.2	600	31.09
0726	20.6	7.27	1335	6	1.02	161.6	1200	31.09
0729	20.7	7.25	1344	3	0.91	153.5	1800	31.09
0732	20.8	7.25	1348	3	0.80	150.5	2400	31.09
0735	21.0	7.24	1350	2	0.73	148.3	3000	31.10
0738	21.0	7.23	1347	2	0.76	146.9	3600	31.10

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 3.6 L
Sampling Time: 0739	Sampling Date: 4/12/11
Sample I.D.: GMW-0-4 (MID)	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: GMW-0-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.92	Depth to Water: Pre: 23.46 Post: 23.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: <u>2" Grundfos Pump</u>	Peristaltic Pump	Bladder Pump
Sampling Method: <u>Dedicated Tubing</u>	New Tubing	Other

Start Purge Time: 0729 Flow Rate: 500 mL/min 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
0732	21.03	7.14	2541	11	0.37	-147.8	1500	23.59
0735	21.77	7.13	2509	9	0.25	-159.9	3000	23.60
0738	21.80	7.11	2494	7	0.27	-168.4	4500	23.60
0741	21.84	7.11	2493	7	0.24	-168.7	6000	23.60
0744	21.88	7.11	2493	7	0.25	-169.0	7500	23.60

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 0745	Sampling Date: 4/12/11
Sample I.D.: GMW-0-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: GMW-0-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.60	Depth to Water: Pre: 22.48 Post: 22.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____

Start Purge Time: 0821 Flow Rate: 200 mL / MIN Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0824	21.7	7.05	2959	18	0.86	48.8	600	22.53
0827	21.5	7.04	2971	12	0.83	48.3	1200	22.53
0830	21.5	7.05	2948	10	0.81	47.1	1800	22.53
0833	21.5	7.05	2968	10	0.77	47.0	2400	22.53
0836	21.5	7.05	2965	10	0.76	46.9	3000	22.53

Did well dewater? Yes No Amount actually evacuated: 3.0 L

Sampling Time: 0837 Sampling Date: 4/12/11

Sample I.D.: GMW-0-4 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MPBE Other: MNA

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-T21	Client: KMEP
Sampler: RS	Start Date: 4/10/11
Well I.D.: 6MW-0-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.42	Depth to Water: Pre: 22.24 Post: 22.71
Depth to Free Product:	Thickness of Free Product (feet):
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 _____

Start Purge Time: 0802 Flow Rate: 500 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
0805	21.61	7.00	3010	8	0.44	-31.7	1500	22.31
0808	21.84	6.99	3011	6	0.42	-124.1	3000	22.31
0811	22.26	6.96	3012	4	0.46	-140.1	4500	22.31
0814	22.30	6.95	3013	4	0.49	-146.1	6000	22.31
0815	22.35	6.95	3013	3	0.44	-149.9	7500	22.71
0818	22.35	6.95	3014	3	0.48	-150.9	9000	22.31

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>9000 mL</u>
Sampling Time: <u>0819</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>6MW-0-8</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-R51	Client: KMEP
Sampler: R5	Start Date: 4/11/11
Well I.D.: 6MW-0-9	Well Diameter: 2 3 4 6 8
Total Well Depth: 56.09	Depth to Water: Pre: 25.17 Post: 25.23
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
 Start Purge Time: 0916 Flow Rate: 500 mL/min 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
0919	20.94	7.19	2456	21	1.89	-65.3	1500	25.21
0922	21.63	7.12	2476	10	1.58	-58.6	3000	25.23
0925	21.67	7.12	2478	9	1.57	-59.2	4500	25.23
0928	21.62	7.12	2480	9	1.59	-60.4	6000	25.23
0931	21.60	7.12	2483	8	1.62	-61.7	7500	25.23

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0932	Sampling Date: 4/12/11
Sample I.D.: 6MW-0-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RJ	Start Date: 4/11/11
Well I.D.: GMW-0-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.06	Depth to Water: Pre: 25.77 Post: 25.77
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1243 Flow Rate: 500 mL/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
1246	22.58	7.22	2961	9	0.30	-206.1	1500	25.77
1249	23.95	7.12	2962	4	0.20	-281.4	3000	25.77
1252	23.99	7.11	2963	3	0.18	-290.7	4500	25.77
1255	23.94	7.10	2963	3	0.19	-293.9	6000	25.77
1258	23.92	7.10	2964	2	0.20	-294.2	7500	25.77

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>1259</u>	Sampling Date: <u>4/13/11</u>
Sample I.D.: <u>GMW-0-10</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHp VOC's MTBE</u>	Other: <u>MNA</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: <u>DUP-5</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/14/11
Well I.D.: GMIN-0-12	Well Diameter: 2 3 4 6 8
Total Well Depth: 34.93.	Depth to Water: Pre: 24.04 Post: 24.12
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 _____

Start Purge Time: 0857 Flow Rate: 500 mL/min Pump Depth: 30'

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
0900	21.7	7.04	1881	28	1.47	-104.8	1500	24.10
0903	21.9	7.02	1883	14	0.92	-114.7	3000	24.11
0906	22.1	6.99	1889	9	0.82	-116.5	4500	24.11
0909	22.2	6.98	1892	10	0.80	-117.6	6000	24.12
0912	22.2	6.98	1892	10	0.80	-118.0	7500	24.12

Did well dewater? Yes No Amount actually evacuated: 7.5L

Sampling Time: 0913 Sampling Date: 4/14/11

Sample I.D.: GMIN-0-12 Laboratory: Alpha Analytical

Analyzed for: **TRHg** **TPHfp** **VOC's** **MTBE** Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: GMW-0-14	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.69	Depth to Water: Pre: 25.25 Post: 25.32
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 _____
 Start Purge Time: 0926 Flow Rate: 500 ml/min 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
0929	22.9	7.36	2233	26	0.49	-114.7	1500	25.32
0932	23.1	7.29	2230	14	0.42	-116.8	3000	25.32
0935	23.1	7.27	2226	15	0.40	-118.5	4500	25.32
0938	23.2	7.25	2220	13	0.36	-120.1	6000	25.32
0941	23.3	7.25	2218	14	0.35	-121.6	7500	25.32
0944	23.3	7.25	2218	14	0.34	-123.0	9000	25.32

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>9.01</u>
Sampling Time: <u>0945</u>	Sampling Date: <u>4/13/11</u>
Sample I.D.: <u>GMW-0-14</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TRHg</u> <u>TRHfp</u> <u>VOCs</u> <u>MTBE</u>	Other: <u>MNA</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u>DUP-2</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: GMW-0-16	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.70	Depth to Water: Pre: 24.66 Post: 24.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</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 _____
 Start Purge Time: 1100 Flow Rate: 500 ML/MIN Pump Depth: 44'

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
1103	21.4	7.12	1492	6	0.86	72.6	1500	24.70
1106	22.0	7.08	1503	4	0.62	66.2	3000	24.70
1109	22.1	7.02	1505	3	0.48	64.7	4500	24.71
1112	22.2	6.93	1507	3	0.41	60.3	6000	24.70
1115	22.2	6.96	1511	3	0.40	60.0	7500	24.70
1118	22.3	6.95	1515	3	0.40	58.9	9000	24.71

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.0L
Sampling Time: 1119	Sampling Date: 4/12/11
Sample I.D.: GMW-0-16	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: GMW-0-17	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.58	Depth to Water: Pre: 24.11 Post: 24.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____

Start Purge Time: 0640 Flow Rate: 500 mL / MIN Pump Depth: 35

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0643	21.4	6.84	1457	5	1.13	195.4	1500	24.14
0646	21.5	6.86	1452	4	1.03	192.3	3000	24.14
0649	21.5	6.87	1457	4	1.08	190.2	4500	24.14
0652	21.5	6.87	1457	3	0.96	188.7	6000	24.14
0655	21.5	6.88	1457	4	0.92	185.2	7500	24.14
0658	21.5	6.89	1455	3	0.95	185.0	9000	24.14

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>9.0L</u>
Sampling Time: <u>0659</u>	Sampling Date: <u>4/13/11</u>
Sample I.D.: <u>GMW-0-17</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u> Other: <u>MNA</u>	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-821	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: GMW-0-19	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.97	Depth to Water: Pre: 24.75 Post: 24.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: <u>2" Grundfos Pump</u>	Peristaltic Pump	Bladder Pump
Sampling Method: <u>Dedicated Tubing</u>	New Tubing	Other

Start Purge Time: 10:00 Flow Rate: 500 ml/min Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
1003	20.88	7.12	1636	8	0.45	-63.4	1500	24.90
1006	21.07	7.19	1642	7	0.37	-107.4	3000	24.90
1009	21.47	7.15	1643	7	0.34	-110.3	4500	24.90
1012	21.51	7.15	1642	7	0.33	-115.1	6000	24.90
1015	21.50	7.14	1642	7	0.33	-117.0	7500	24.90

Did well dewater? Yes No Amount actually evacuated: 7500 mL

Sampling Time: 1016 Sampling Date: 4/12/11

Sample I.D.: GMW-0-19 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: _____

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

6

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: FR	Start Date: 4/13/11
Well I.D.: GMW-0-20	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 45-90	Depth to Water: Pre: 23.82 Post: 23.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grandfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 11:59 Flow Rate: 500 mL (MIN) Pump Depth: 40'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1202	23.7	7.32	3062	128	0.66	-136.2	1500	23.92
1205	23.7	7.30	3069	67	0.59	-143.6	3000	23.94
1208	23.8	7.29	3070	52	0.54	-154.7	4500	23.95
1211	23.8	7.30	3073	42	0.51	-156.7	6000	23.97
1214	23.8	7.30	3073	46	0.50	-157.6	7500	23.97
1217	23.9	7.30	3075	44	0.50	-158.7	9000	23.97

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.0 L
Sampling Time: 12:18	Sampling Date: 4/13/11
Sample I.D.: GMW-0-20	Laboratory: Alpha Analytical
Analyzed for: TPHg TDHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: GAW-0-23	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 29.22	Depth to Water: Pre: 25.08 Post: 25.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1232 Flow Rate: 500 ml / min Pump Depth: 25'

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
1235	23.0	7.10	2407	27	1.17	-65.6	1500	25.10
1238	23.4	7.09	2410	20	0.66	-92.5	3000	25.10
1241	23.5	7.07	2411	15	0.52	-97.9	4500	25.10
1244	23.5	7.07	2420	13	0.50	-100.3	6000	25.10
1247	23.6	7.06	2420	13	0.50	-104.0	7500	25.10
1250	23.6	7.06	2422	15	0.50	-106.3	9000	25.10

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>90 L</u>
Sampling Time: <u>1251</u>	Sampling Date: <u>4/13/11</u>
Sample I.D.: <u>GAW-0-23</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: RJ	Start Date: 4/11/11
Well I.D.: 6MW-SF-7	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.17	Depth to Water: Pre: 26.13 Post: 26.21
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1259 Flow Rate: 500 mL/min Pump Depth: 40'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1303	21.66	7.74	496	6	4.78	130.4	1500	26.21
1305	22.38	7.29	494	7	4.44	107.1	3000	26.21
1308	22.49	7.21	494	6	4.47	101.2	4500	26.21
1311	22.50	7.20	494	6	4.42	96.4	6000	26.21
1314	22.53	7.20	493	5	4.40	96.0	7500	26.21

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 1315	Sampling Date: 4/12/11
Sample I.D.: 6MW-SF-7	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: GMW-SF-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.70	Depth to Water: Pre: 27.44 Post: 27.50
Depth to Free Product:	Thickness of Free Product (feet):
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
 Start Purge Time: 1227 Flow Rate: 500ml/min Pump Depth: 40'

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
1230	22.92	7.51	1362	10	4.42	110.4	1500	27.50
1233	22.90	7.26	1361	9	4.40	109.1	3000	27.50
1236	22.92	7.24	1360	9	4.38	108.7	4500	27.50
1239	22.90	7.24	1360	8	4.40	108.4	6000	27.50

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 6000 ml
Sampling Time: 1240	Sampling Date: 4/12/11
Sample I.D.: GMW-SF-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-FR1	Client: KMEP
Sampler: R5	Start Date: 4/11/11
Well I.D.: GMW-SF-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 42.90	Depth to Water: Pre: 23.90 Post: 23.94
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 0910 Flow Rate: 500 mL/min Pump Depth: 40'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0913	21.51	7.78	696	10	1.21	-104.2	1500	23.94
0916	21.98	7.50	673	3	0.14	-151.2	2000	23.94
0929	22.14	7.49	670	2	0.13	-162.7	4500	23.94
0922	21.26	7.49	670	2	0.15	-165.9	6000	23.94
0925	21.22	7.49	669	2	0.14	-168.1	7500	23.94

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0926	Sampling Date: 4/13/11
Sample I.D.: GMW-SF-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: DUP-3

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/14/11
Well I.D.: GMW-SF-10	Well Diameter: 2 3 4 6 8
Total Well Depth: 46.92	Depth to Water: Pre: 26.80 Post: 24.83
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 _____
 Start Purge Time: 0711 Flow Rate: 500 mL / MIN 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 mL)	Depth to water
0714	21.4	7.21	1023	53	1.76	-45.2	1500	24.74
0717	21.7	7.18	1026	42	1.24	-48.3	3000	26.80
0720	21.9	7.18	1020	37	0.88	-49.8	4500	24.82
0723	22.1	7.17	1019	35	0.65	-50.8	6000	24.83
0726	22.1	7.17	1020	38	0.62	-51.8	7500	24.83
0729	22.2	7.18	1023	35	0.62	-52.3	9000	24.83

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.01
Sampling Time: 0730	Sampling Date: 4/14/11
Sample I.D.: GMW-SF-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TX1	Client: KMEP
Sampler: TX	Start Date: 4/13/11
Well I.D.: GWR-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 44.59	Depth to Water: Pre: 27.50 Post: 27.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>pyc</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 _____
 Start Purge Time: 0802 Flow Rate: 500 mL / MIN Pump Depth: 40'

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
0805	22.7	6.99	586	>1000	0.64	-99.4	1500	27.57
0808	22.8	7.01	589	>1000	0.58	-104.4	3000	27.57
0811	23.0	7.02	595	>1000	0.51	-111.4	4500	27.57
0814	23.2	7.03	600	>1000	0.46	-114.0	6000	27.57
0817	23.2	7.03	602	>1000	0.45	-116.3	7500	27.57
0820	23.2	7.04	605	>1000	0.45	-118.0	9000	27.57

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.02
Sampling Time: 0821	Sampling Date: 4/13/11
Sample I.D.: GWR-1	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: GWR-3	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: 49.62	Depth to Water: Pre: 29.94 Post: 30.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1419 Flow Rate: 500 mL/min 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
1422	21.8	7.12	3158	>1000	0.66	-105.2	1500	30.00
1425	22.0	7.10	3161	>1000	0.58	-111.9	3000	30.00
1428	22.2	7.07	3156	>1000	0.52	-123.3	4500	30.00
1431	22.3	7.04	3163	>1000	0.46	-122.9	6000	30.00
1432	22.3	7.05	3160	>1000	0.46	-125.0	7500	30.00
1435	22.4	7.05	3165	>1000	0.42	-126.3	9000	30.00
1438	22.4	7.05	3162	>1000	0.43	-125.8	10500	30.00

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 10.5L
Sampling Time: 1439	Sampling Date: 4/13/11
Sample I.D.: GWR-3	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RJ	Start Date: 4/11/11
Well I.D.: HL-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.05	Depth to Water: Pre: 28.78 Post: 28.82
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1334 Flow Rate: 500 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
1337	22.09	6.71	3753	136	0.45	-67.1	1500	28.82
1340	23.12	6.66	3751	53	0.41	-70.4	3000	28.82
1343	23.20	6.65	3748	21	0.40	-68.2	4500	28.82
1346	23.22	6.65	3747	20	0.46	-64.1	6000	28.82
1349	23.27	6.65	3745	22	0.44	-63.0	7500	28.82

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1350	Sampling Date: 4/12/11
Sample I.D.: HL-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TL	Start Date: 4/12/11
Well I.D.: HL-3	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: 41.76	Depth to Water: Pre: 28.28 Post: 28.30
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 _____
 Start Purge Time: 1136 Flow Rate: 500 mL/MIN Pump Depth: 36'

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
1139	22.7	7.27	2713	32	0.69	99.3	1500	28.29
1142	23.1	7.23	2695	16	0.53	87.2	3000	28.29
1145	23.2	7.22	2631	8	0.36	80.3	4500	28.30
1148	23.2	7.22	2615	5	0.37	75.9	6000	28.30
1151	23.3	7.20	2596	5	0.35	72.8	7500	28.30
1154	23.3	7.20	2590	5	0.34	72.0	9000	28.30

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>9.0 L</u>
Sampling Time: <u>1155</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>HL-3</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RL	Start Date: 4/11/11
Well I.D.: HW-2	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
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 _____
 Start Purge Time: _____ 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
_____	UNABLE TO LOCATE			_____				
_____	NO SAMPLES 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 #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 52.10	Depth to Water: Pre: 29.14 Post: 29.18
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 _____
 Start Purge Time: 1213 Flow Rate: 500 mL/min Pump Depth: 47'

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
1216	22.6	6.82	2946	5	0.63	-23.4	1500	29.18
1219	23.0	6.81	2963	4	0.50	-61.4	3000	29.18
1222	23.1	6.79	2974	4	0.43	-78.3	4500	29.18
1225	23.1	6.79	2980	4	0.40	-83.5	6000	29.18
1228	23.1	6.78	2982	3	0.40	-85.2	7500	29.18

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7.5L
Sampling Time: 1229	Sampling Date: 4/12/11
Sample I.D.: MW-6	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: M	Start Date: 4/12/11
Well I.D.: MW-7	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.56	Depth to Water: Pre: 29.64 Post: 29.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1249 Flow Rate: 500 ML / MIN Pump Depth: 48.5'

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	22.6	6.95	3900	4	0.96	-11.5	1500	29.72
1255	23.1	6.90	3939	4	0.62	-30.3	3000	29.72
1258	23.3	6.88	3946	3	0.52	-55.2	4500	29.72
1301	23.4	6.88	3947	3	0.45	-61.3	6000	29.72
1304	23.4	6.87	3950	3	0.43	-66.2	7500	29.72
1307	23.4	6.87	3950	3	0.42	-69.1	9000	29.72

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 9.02
Sampling Time: 1308	Sampling Date: 4/12/11
Sample I.D.: MW-7	Laboratory: Alpha Analytical
Analyzed for: TPHg RPHfp VOC's MDE	Other: MNA
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: R	Start Date: 4/11/11
Well I.D.: MW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.95	Depth to Water: Pre: 26.84 Post: 26.90
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 0800 Flow Rate: 300 ml/min Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
0803	22.12	7.08	1623	7	0.26	-54.1	1500	26.90
0806	22.63	7.05	1635	4	0.25	-68.2	3000	26.90
0809	22.70	7.04	1640	3	0.30	-74.9	4500	26.90
0812	22.73	7.03	1641	3	0.32	-77.2	6000	26.90
0815	22.77	7.03	1642	3	0.31	-79.0	7500	26.90

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 0816	Sampling Date: 4/13/11
Sample I.D.: MW-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: MW-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.96	Depth to Water: Pre: 28.48 Post: 28.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0833 Flow Rate: 500 mL / min 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
0836	22.83	7.00	1707	4	0.89	-127.1	1500	28.23
0839	23.79	6.77	1710	3	0.90	-139.4	3000	28.23
0842	24.01	6.71	1712	3	0.92	-156.1	4500	28.23
0845	24.04	6.70	1712	3	0.96	-159.2	6000	28.23
0848	23.99	6.70	1712	3	0.95	-160.0	7500	28.23

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0849	Sampling Date: 4/14/11
Sample I.D.: MW-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TC	Start Date: 4/12/11
Well I.D.: MW-12	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.13	Depth to Water: Pre: 27.14 Post: 27.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0901 Flow Rate: 200 ML/MIN 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
0904	22.5	7.38	1136	22	2.41	86.7	600	27.20
0907	22.8	7.35	1138	17	2.28	83.4	1200	27.20
0910	22.8	7.35	1139	15	2.20	80.8	1800	27.20
0913	22.9	7.35	1140	10	2.22	79.5	2400	27.20
0916	22.8	7.34	1138	9	2.18	78.0	3000	27.20
0919	22.8	7.34	1138	9	2.16	77.7	3600	27.20

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.6 L
Sampling Time: 0920	Sampling Date: 4/12/11
Sample I.D.: MW-12	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOCs</u> <u>MTBE</u>	Other: <u>MNA</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: <u>ES</u>	Start Date: <u>4/14/11</u>
Well I.D.: <u>MW-15</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: _____	Depth to Water: Pre: <u>28.62</u> Post: <u>28.70</u>
Depth to Free Product: <u>28.16</u>	Thickness of Free Product (feet): _____
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 w/water
 Start Purge Time: 0630 Flow Rate: 500 ml/min Pump Depth: _____

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
0633	19.10	6.71	1473	137	3.42	-57.7	1500	28.70
0636	19.42	6.75	1477	67	6.42	-79.8	3000	28.70
0639	19.61	6.77	1479	54	8.10	-82.1	4500	28.70
0642	19.66	6.79	1479	51	8.24	-83.7	6000	28.70
0645	19.64	6.79	1480	52	8.19	-84.9	7500	28.70

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>0646</u>	Sampling Date: <u>4/14/11</u>
Sample I.D.: <u>MW-15</u>	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 #: 110411-TR1	Client: KMEP
Sampler: RL	Start Date: 4/13/11
Well I.D.: MW-1B (MID)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 65.04	Depth to Water: Pre: 31.28 Post: 31.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1118 Flow Rate: 500 mL / MIN Pump Depth: 60'

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
1121	23.4	7.12	2062	5	0.95	-72.7	1500	31.30
1124	23.5	7.11	2061	5	0.96	-73.5	3000	31.30
1127	23.5	7.10	2058	4	0.90	-74.5	4500	31.30
1130	23.4	7.10	2050	4	0.88	-74.5	6000	31.30
1133	23.6	7.10	2048	4	0.80	-75.6	7500	31.30

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7.5
Sampling Time: 1134	Sampling Date: 4/13/11
Sample I.D.: MW-1B (MID)	Laboratory: Alpha Analytical
Analyzed for: <u>TRHg</u> <u>TPH_{sp}</u> <u>VOC's</u> <u>MTBE</u> Other: _____	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: MW-19 (MID)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 62.06	Depth to Water: Pre: 32.64 Post: 32.65
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 _____
 Start Purge Time: 1328 Flow Rate: 500 mL/min Pump Depth: 57'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
1331	22.5	6.96	3096	4	1.33	-33.8	1500	32.64
1334	22.5	6.88	3192	4	1.01	-48.7	3000	32.64
1337	22.6	6.84	3303	4	0.79	-52.2	4500	32.64
1340	22.8	6.80	3414	4	0.55	-54.0	6000	32.64
1343	22.8	6.78	3453	4	0.51	-55.9	7500	32.65
1346	22.9	6.76	3454	4	0.49	-54.6	9000	32.65
1349	22.9	6.76	3458	4	0.48	55.3	10500	32.65

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>9.0L</u>
Sampling Time: <u>1347</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>MW-19 (MID)</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: MW-20(M10)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 56.75	Depth to Water: Pre: 31.39 Post: 31.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1405 Flow Rate: 500 mL / MIN Pump Depth: 52'

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
1408	22.3	7.06	2565	5	0.81	-2.4	1500	31.40
1411	22.4	7.04	2568	4	0.70	-18.6	3000	31.41
1414	22.4	7.03	2569	4	0.70	-24.3	4500	31.41
1417	22.4	7.04	2572	3	0.68	-25.9	6000	31.41
1420	22.4	7.04	2573	3	0.68	-27.3	7500	31.42

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7.5 L
Sampling Time: 1421	Sampling Date: 4/12/11
Sample I.D.: MW-20(M10)	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHFp</u> <u>VOC's</u> <u>MTBE</u> Other:	
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR2	Start Date: 4/12/11
Well I.D.: MW-21 (MID)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 62.12	Depth to Water: Pre: 29.00 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 _____
 Start Purge Time: 1442 Flow Rate: 500 ML / MIN Pump Depth: 57'

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
1445	22.8	6.88	1882	3	0.68	-30.6	1500	29.13
1448	22.9	6.85	1882	3	0.48	-46.9	3000	29.13
1451	22.9	6.83	1882	3	0.42	-52.0	4500	29.13
1454	22.9	6.80	1880	3	0.40	-55.3	6000	29.13
1457	22.9	6.80	1880	3	0.40	-57.5	7500	29.13
1500	22.9	6.80	1876	3	0.40	-58.0	9000	29.13

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 9.0L
Sampling Time: 1501	Sampling Date: 4/12/11
Sample I.D.: MW-21 (MID)	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EB-3 @ 1520 <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-DR1	Client: KMEP
Sampler: TL	Start Date: 4/13/11
Well I.D.: MW-0-1	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 32.67	Depth to Water: Pre: 25.54 Post: 25.64
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 _____
 Start Purge Time: 1502 Flow Rate: 500 mL/MIN Pump Depth: 27'

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
1505	23.6	7.42	2068	>1000	1.29	-76.5	1500	25.62
1508	23.7	7.38	2072	>1000	0.69	-92.3	3000	25.62
1511	23.7	7.35	2077	>1000	0.53	-97.5	4500	25.63
1514	23.8	7.35	2077	>1000	0.50	-99.9	6000	25.63
1517	23.9	7.35	2077	>1000	0.50	-100.3	7500	25.63
1520	23.9	7.35	2077	>1000	0.52	-102.2	9000	25.64

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 9.02
Sampling Time: 1521	Sampling Date: 4/13/11
Sample I.D.: MW-0-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPNIp VOCs MTBE	Other: MNA
Equipment Blank I.D.: EB-6 @ 1550 Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TE1	Client: KMEP
Sampler: TE	Start Date: 4/13/11
Well I.D.: MW-SF-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.92	Depth to Water: Pre: 29.87 Post: 24.92
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 _____
 Start Purge Time: 0842 Flow Rate: 500 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
0845	24.1	6.55	1455	152	0.70	-75.2	1500	29.91
0848	24.1	6.57	1460	68	0.65	-77.1	3000	29.91
0851	24.4	6.58	1475	32	0.43	-80.2	4500	29.91
0854	24.5	6.60	1485	30	0.56	-82.5	6000	29.92
0857	24.5	6.60	1489	32	0.55	-86.2	7500	29.92
0900	24.6	6.61	1488	33	0.52	-88.0	9000	29.92

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 9.0L
Sampling Time: 0901	Sampling Date: 4/13/11
Sample I.D.: MW-SF-1	Laboratory: Alpha Analytical
Analyzed for: TPHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE <input type="checkbox"/>	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: R1	Start Date: 4/11/11
Well I.D.: MW-SF-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 43.33	Depth to Water: Pre: 29.83 Post: 29.90
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 _____
 Start Purge Time: 1022 Flow Rate: 500 mL/min Pump Depth: 40'

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
1025	23.37	7.67	2812	6	2.76	-187.2	1500	29.90
1028	23.73	7.03	2814	4	2.66	-171.9	3000	29.90
1031	24.25	6.97	2815	4	1.39	-186.2	4500	29.90
1034	24.27	6.96	2815	4	1.27	-190.4	6000	29.90
1037	24.26	6.96	2815	4	1.24	-191.7	7500	29.90

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1038	Sampling Date: 4/14/11
Sample I.D.: MW-SF-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EB-7 @ 1230 Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: M	Start Date: 4/13/11
Well I.D.: MW-SF-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 44.42	Depth to Water: Pre: 30-35 Post: 30-90
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 _____
 Start Purge Time: 1045 Flow Rate: 500 mL/min Pump Depth: 40'

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
1048	24.2	6.86	1448	120	0.51	-113.7	1500	—
1051	24.4	6.86	1467	82	0.42	-125.5	3000	—
1054	24.5	6.86	1502	69	0.36	-134.5	4500	30-90
1057	24.5	6.89	1512	65	0.35	-140.2	6000	30-90
1100	24.5	6.89	1519	69	0.35	-143.0	7500	30-90

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7.5 L
Sampling Time: 1101	Sampling Date: 4/13/11
Sample I.D.: MW-SF-4	Laboratory: Alpha Analytical
Analyzed for: <input checked="" type="checkbox"/> TPHg <input checked="" type="checkbox"/> TPHp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110711-TR1	Client: KMEP
Sampler: tk	Start Date: 4/13/11
Well I.D.: MW-SF-5	Well Diameter: 2 3 4 6 8 <u>5</u>
Total Well Depth: 51.14	Depth to Water: Pre: 31.03 Post: 31.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: <u>YSI 536</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1340 Flow Rate: 500 mL/MIN Pump Depth: 4'6"

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
1343	24.3	7.16	3081	16	1.02	-95.6	1500	31.03
1346	24.6	7.08	3094	8	0.72	-123.5	3000	31.03
1349	24.6	7.04	3093	8	0.63	-133.0	4500	31.04
1352	24.7	7.02	3093	7	0.60	-136.7	6000	31.04
1355	24.7	7.02	3088	7	0.56	-137.9	7500	31.04
1358	24.7	7.01	3086	8	0.55	-140.2	9000	31.04

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 9.0L
Sampling Time: 1359	Sampling Date: 4/13/11
Sample I.D.: MW-SF-5	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOCs</u> <u>MTBE</u> Other: <u>MNA</u>	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: MW-SF-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 41.36	Depth to Water: Pre: 28.16 Post: 28.21
Depth to Free Product:	Thickness of Free Product (feet):
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 _____

Start Purge Time: 0942 Flow Rate: 500ml/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
0945	23.70	7.06	3122	9	0.62	-123.7	1500	28.20
0948	24.59	7.11	3126	7	1.01	-134.0	3000	28.21
0951	24.74	7.12	3129	7	0.91	-137.1	4500	28.21
0954	24.79	7.13	3177	6	0.87	-142.1	6000	28.21
0957	24.82	7.13	3134	6	0.88	-143.6	7500	28.21

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>0958</u>	Sampling Date: <u>4/14/11</u>
Sample I.D.: <u>MW-SF-6</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: TPHg TPHfp VOC's MTBE Other:	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-T&I	Client: KMEP
Sampler: RJ	Start Date: 4/11/11
Well I.D.: MW-SF-9	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: 38.32	Depth to Water: Pre: 24.14 Post: 38.32 24.20
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: ~~1431~~ 1431 Flow Rate: 500ml/min Pump Depth: 35'

Time	Temp. (C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
1434	23.20	7.04	1392	34	0.26	-47.9	1500	24.20
1437	23.79	6.88	1353	20	0.38	-52.4	3000	24.20
1440	24.02	6.85	1396	14	0.55	-59.8	4500	24.20
1443	24.01	6.84	1397	13	0.57	-55.4	6000	24.20
1446	23.99	6.83	1396	14	0.59	-55.1	7500	24.20

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: 7500 mL
Sampling Time: 1447	Sampling Date: 4/13/11
Sample I.D.: MW-SF-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EB-5 @ Time 1515	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/14/11
Well I.D.: MN-SF-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 30.46	Depth to Water: Pre: 27.41 Post: 27.50
Depth to Free Product: 27.34	Thickness of Free Product (feet): 0.04
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 0758 Flow Rate: 200 ML / MIN Pump Depth: 25'

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
0801	21.3	6.87	2203	>1000	2.18	-90.5	600	27.48
0804	21.3	6.88	2221	>1000	1.89	-94.7	1200	27.48
0807	21.2	6.89	2228	>1000	1.80	-97.3	1800	27.48
0810	21.4	6.87	2235	>1000	1.99	-100.5	2400	27.50
0813	21.4	6.87	2223	>1000	2.10	-103.6	3000	27.50
0816	21.5	6.87	2218	>1000	1.94	-106.0	3600	27.50

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>3-6 L</u>
Sampling Time: <u>0817</u>	Sampling Date: <u>4/14/11</u>
Sample I.D.: <u>MN-SF-10</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPMfp</u> <u>VOCs</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: P5	Start Date: 4/11/11
Well I.D.: PW-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 50.00	Depth to Water: Pre: 27.02 Post: 27.13
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

Start Purge Time: 1409 Flow Rate: 500ml/min 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
1412	22.86	6.91	4007	121	0.40	-24.1	1500	27.13
1415	23.39	6.79	4014	83	0.26	-36.9	3000	27.13
1418	23.71	6.72	3969	70	0.21	-30.1	4500	27.13
1421	23.79	6.71	3963	68	0.23	-29.4	6000	27.13
1424	23.77	6.71	3961	67	0.26	-29.0	7500	27.13

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1425	Sampling Date: 4/12/11
Sample I.D.: PW-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: PW-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 26.00	Depth to Water: Pre: DRY Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: ~~2nd Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: _____ 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
— WELL IS DRY —								
— NO SAMPLES 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.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/12/11
Well I.D.: PW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.11	Depth to Water: Pre: 25.60 Post: 25.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0941 Flow Rate: 200 mL / min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0944	21.5	7.10	2997	>1000	0.57	21.0	600	25.71
0947	22.0	7.08	3011	646	0.48	-19.2	1200	25.71
0950	22.1	7.07	3020	460	0.40	-34.3	1800	25.71
0953	22.1	7.06	3029	311	0.41	-40.3	2400	25.71
0956	22.2	7.06	3050	303	0.39	-43.6	3000	25.71
0959	22.2	7.05	3056	296	0.40	-44.5	3600	25.71

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3.66</u>
Sampling Time: <u>1000</u>	Sampling Date: <u>4/12/11</u>
Sample I.D.: <u>PW-3</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/13/11
Well I.D.: P2-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 38.42	Depth to Water: Pre: 24.70 Post: 24.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0724 Flow Rate: 500 mL / MIN Pump Depth: 33.5'

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
0727	20.4	6.77	2410	22	1.23	-39.9	1500	24.81
0730	21.0	6.80	2415	16	0.92	-52.5	3000	24.83
0733	21.2	6.80	2417	15	0.80	-66.3	4500	24.84
0736	21.2	6.80	2417	15	0.78	-69.3	6000	24.85
0739	21.2	6.81	2420	14	0.76	-70.2	7500	24.85

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7.5
Sampling Time: 0740	Sampling Date: 4/13/11
Sample I.D.: P2-5	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u> Other: <u>MNA</u>	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: RS	Start Date: 4/13/11
Well I.D.: PZ-10	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 27.90	Depth to Water: Pre: 25.57 Post: 25.61
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1340 Flow Rate: 500 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
1343	24.89	7.46	1713	12	0.46	-71.1	1500	25.61
1348	25.26	7.14	1668	9	0.24	-41.9	3000	25.61
1349	25.34	7.12	1653	7	0.26	-37.2	4500	25.61
1352	25.40	7.11	1652	7	0.24	-33.9	6000	25.61
1355	25.44	7.11	1650	7	0.24	-31.0	7500	25.61

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1355 1356	Sampling Date: 4/13/11
Sample I.D.: PZ-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: M	Start Date: 4/11/11
Well I.D.: VEW-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 28.98	Depth to Water: Pre: DRY Post:
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 _____
 Start Purge Time: _____ 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
— WELL IS DRY —								
— NO SAMPLES 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.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: VEW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 2949	Depth to Water: Pre: <u>DRY</u> Post:
Depth to Free Product:	Thickness of Free Product (feet):
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~~

Start Purge Time: _____ 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
— WELL IS DRY —								
— NO SAMPLES 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.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/10/11
Well I.D.: WCN-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.03	Depth to Water: Pre: 24.73 Post: 23.77
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1330 Flow Rate: 500 mL/min 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
1333	22.25	7.02	2335	54	0.64	-88.7	1500	23.77
1336	22.40	6.98	2501	48	0.68	-91.7	3000	23.77
1339	22.70	6.98	2504	36	0.67	-92.7	4500	23.77
1342	22.74	6.98	2507	35	0.67	-93.1	6000	23.77
1345	22.73	6.98	2509	35	0.65	-94.0	7500	23.77

Did well dewater? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u> <input type="checkbox"/>	Amount actually evacuated: <u>7500 mL</u>
Sampling Time: <u>1346</u>	Sampling Date: <u>4/10/11</u>
Sample I.D.: <u>WCN-1</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: RS	Start Date: 4/21/11
Well I.D.: WCW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.31 51.56	Depth to Water: Pre: 27.67 Post: 27.75
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1409 Flow Rate: 500 ml/min 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
1412	22.19	7.50	2511	4	0.81	-110.4	1500	27.74
1415	22.26	7.21	2516	4	0.70	-104.2	3000	27.75
1418	22.29	7.20	2520	3	0.73	-108.1	4500	27.75
1421	22.34	7.20	2522	3	0.71	-109.9	6000	27.75
1424	22.30	7.19	2524	3	0.69	-111.0	7500	27.75

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 1425	Sampling Date: 4/21/11
Sample I.D.: WCW-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: PJ	Start Date: 4/10/11
Well I.D.: WCW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.52	Depth to Water: Pre: 28.84 Post: 28.89
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1449 Flow Rate: 500 mL/min Pump Depth: 45.5'

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
1449	21.59	7.07	3011	9	0.46	-109.1	1500	28.89
1453	21.97	7.05	2998	4	0.32	-111.0	3000	28.89
1458	22.08	7.04	2997	2	0.34	-117.0	4500	28.89
1501	22.17	7.02	2996	2	0.33	-114.1	6000	28.89
1504	22.19	7.02	2996	2	0.30	-115.6	7500	28.89

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1505	Sampling Date: 4/10/11
Sample I.D.: WCW-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TRI	Client: KMEP
Sampler: #5	Start Date: 4/11/11
Well I.D.: WCV-4	Well Diameter: 2 3 4 6 8
Total Well Depth: 55.82	Depth to Water: Pre: 30.88 Post: 30.94
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 _____
 Start Purge Time: 0632 Flow Rate: 500 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
0635	20.57	6.51	3577	24	1.47	-21.7	1500	30.94
0638	21.62	6.75	3588	16	1.71	-22.3	3000	30.94
0641	22.89	6.77	3599	14	1.20	-24.6	4500	30.94
0644	22.13	6.78	3602	13	1.19	-25.1	6000	30.94
0647	22.16	6.78	3604	13	1.20	-26.7	7500	30.94

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 0648	Sampling Date: 4/17/11
Sample I.D.: WCV-4	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: W CW - 5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.85 51.88	Depth to Water: Pre: 25.23 Post: 25.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1415 Flow Rate: 200 ML / MIN Pump Depth: 45-5'

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
1418	23.9	6.73	2703	8	1.89	247.3	600	25.25
1421	23.7	6.72	2717	5	1.52	250.5	1200	25.25
1424	23.7	6.72	2711	4	1.40	253.2	1800	25.25
1427	23.8	6.72	2710	4	1.32	250.0	2400	25.25
1430	23.8	6.72	2703	4	1.30	247.5	3000	25.25

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3.0 L
Sampling Time: 1431	Sampling Date: 4/11/11
Sample I.D.: W CW - 5	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHp</u> <u>VOCs</u> <u>MFBE</u>	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: WCN-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.03	Depth to Water: Pre: 27.41 Post: 27.44
Depth to Free Product:	Thickness of Free Product (feet):
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
 Start Purge Time: 1340 Flow Rate: 200 mL/min Pump Depth: 46'

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
1343	22.8	6.71	3380	5	3.39	100.3	600	27.44
1346	22.8	6.70	3214	5	2.72	57.6	1200	27.44
1349	22.9	6.70	3206	4	2.45	27.6	1800	27.44
1352	23.0	6.69	3196	5	2.14	17.3	2400	27.44
1355	23.0	6.70	3180	4	2.08	13.5	3000	27.44
1358	23.0	6.69	3133	3	2.11	12.2	3600	27.44

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 3.6
Sampling Time: 1359	Sampling Date: 4/11/11
Sample I.D.: WCN-6	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110401-TR1	Client: KMEP
Sampler: RJ	Start Date: 4/13/11
Well I.D.: W0W-7	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.50	Depth to Water: Pre: 28.90 Post: 28.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVE</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 0702 Flow Rate: 500 mL/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0705	22.02	7.18	3704	14	0.55	-11.2	1500	28.99
0708	22.71	7.12	3716	9	0.54	-87.2	3000	28.99
0711	22.44	7.11	3716	8	0.53	-98.1	4500	28.99
0714	22.47	7.11	3716	8	0.50	-100.2	6000	28.99
0717	22.45	7.11	3717	8	0.49	-101.4	7500	28.99

Did well dewater? Yes No Amount actually evacuated: 7500

Sampling Time: 0718 Sampling Date: 4/13/11

Sample I.D.: W0W-7 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: MNA

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: WCV-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.96	Depth to Water: Pre: 30.03 Post: 30.09
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1001 Flow Rate: 500 ml/min 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 <u>ml</u>)	Depth to water
1004	21.44	7.02	3067	5	1.01	-77.4	1500	30.09
1007	22.23	7.01	3107	4	0.23	-129.9	3000	30.09
1010	22.94	7.00	3113	4	0.31	-124.1	4500	30.09
1013	23.12	6.99	3110	3	0.34	-120.2	6000	30.09
1016	23.10	6.99	3109	3	0.35	-119.9	7500	30.09

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 1017	Sampling Date: 4/13/11
Sample I.D.: WCV-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.: DUP-4

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: TR	Start Date: 4/11/11
Well I.D.: WCW-12	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 60.90	Depth to Water: Pre: 28.70 Post: 28.73
Depth to Free Product:	Thickness of Free Product (feet):
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 _____
 Start Purge Time: 1458 Flow Rate: 200 mL/min Pump Depth: 56'

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
1501	22.7	6.75	2352	41	1.77	182.5	600	28.77
1504	22.6	6.75	2361	17	1.22	155.6	1200	28.77
1507	22.7	6.73	2362	17	1.03	150.3	1800	28.77
1510	22.7	6.75	2366	16	0.88	146.3	2400	28.77
1513	22.7	6.73	2366	15	0.82	145.2	3000	28.77
1516	22.7	6.73	2366	15	0.80	144.0	3600	28.77

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3.6 L
Sampling Time: 1517	Sampling Date: 4/11/11
Sample I.D.: WCW-12	Laboratory: Alpha Analytical
Analyzed for: <input checked="" type="checkbox"/> PHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOCs <input checked="" type="checkbox"/> MTBE	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-TR1	Client: KMEP
Sampler: R1	Start Date: 4/11/11
Well I.D.: WCW-13	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 61.02	Depth to Water: Pre: 30.52 ^{30.52} Post: 31.78
Depth to Free Product:	Thickness of Free Product (feet):
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 _____

Start Purge Time: 1526 Flow Rate: 500 ml/min Pump Depth: 5ft

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1529	20.61	7.48	2258	62	0.42	-139.7	1500	31.77
1532	21.01	7.44	2268	40	0.22	-144.9	3000	31.78
1535	21.20	7.41	2270	36	0.24	-146.7	4500	31.78
1538	21.18	7.40	2271	35	0.22	-150.1	6000	31.78
1541	21.18	7.40	2271	36	0.23	-151.9	7500	31.78

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7500
Sampling Time: 1542	Sampling Date: 4/11/11
Sample I.D.: WCW-13	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EB-2 @ Fine 1615	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 1104117RL	Client: KMEP
Sampler: RS	Start Date: 4/11/11
Well I.D.: WCW-14	Well Diameter: 2 3 4 6 8
Total Well Depth: 58.48	Depth to Water: Pre: 31.66 Post: 31.79
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 _____

Start Purge Time: 1154 Flow Rate: 500 ml/min Pump Depth: 55'

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
1157	21.54	7.20	2305	4	0.75	-81.4	1500	31.74
1200	21.71	7.06	2310	3	0.46	-84.7	3000	31.79
1203	21.70	7.07	2307	3	0.34	-91.7	4500	31.79
1206	21.80	7.06	2307	3	0.34	-94.1	6000	31.79
1209	21.82	7.06	2306	3	0.33	-98.0	7500	31.79

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 7500 mL
Sampling Time: 1210	Sampling Date: 4/12/11
Sample I.D.: WCW-14	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
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 1 of 2

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**
 SITE **DFSP Norwalk**
15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS			TPHg. TPHp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AC=Water	#	Preservation	Type												
TB-1	4-11-11	0700	AQ	2	HCl	VOA		X										CHH 11041305 -01
TB-2		0705		2				X										-02
EXP-1		0808		3			X	X										-03
EXP-2		0856		3			X	X										-04
EXP-3		0944		3			X	X										-05
EXP-5		1550		3			X	X										-06
EB-1		1600		3			X	X										-07
WCW-12		1517		3			X	X										-08
WCW-5		1431		3			X	X										-09
WCW-6		1359		3			X	X										-10

SAMPLING COMPLETED DATE 4/11/11 TIME 1830 SAMPLING PERFORMED BY T. RHYMES, ROBERT S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1700 RECEIVED BY [Signature] DATE 4/12/11 TIME 1700

RELEASED BY [Signature] TIME 1710 RECEIVED BY [Signature] DATE 4/12/11 TIME 1700

RELEASED BY [Signature] TIME 1700 RECEIVED BY [Signature] DATE 4-13-11 TIME 1332

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 2 of 2

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**
15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS			TPHg, TPHp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AO- Water	#	Preservation	Type												
WCW-2	4-11-11	1425	AQ	3	HCl	VOA	X	X										.11
WCW-13		1542		3	HCl	VOA	X	X										.12
WCW-3		1505		3	HCl	VOA	X	X										.13
WCW-1		1340		3	HCl	VOA	X	X										.14
EB-2		1615		3	HCl	VOA	X	X										.15

SAMPLING COMPLETED 4/11/11 1630 SAMPLING PERFORMED BY T. RHYMES, ROBERT S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1700 RECEIVED BY [Signature] DATE 4/12/11 TIME 1700

RELEASED BY [Signature] (Sample Custodian) TIME 1710 RECEIVED BY [Signature] DATE 4/12/11 TIME 1700

RELEASED BY [Signature] TIME 1700 RECEIVED BY [Signature] DATE 4-13-11 TIME 1332

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 4

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AQ#	Water	#	Preservation												Type
GMW-5F-8	4/12/11	1240	AQ		3	HCl	VOL	X	X									CH11041304
WCLW-14		1210			3			X	X									-01
GMW-37		1126			3			X	X									-02
GMW-13		1050			3			X	X									-03
GMW-0-19		1016			3			X	X									-04
GMW-0-9		0932			3			X	X									-05
GMW-0-1		0857			3			X	X									-06
GMW-0-3		0819			3			X	X									-07
GMW-0-5		0745			3			X	X									-08
GMW-0-2		0706			3			X	X									-09
																		-10

SAMPLING COMPLETED 4/12/11 1630 SAMPLING PERFORMED BY T. RHYMES, ROBERT S.

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	<i>TRH</i>	TIME	1700	RECEIVED BY	<i>Morgan (Sample Custodian)</i>	DATE	4/12/11	TIME	1700
RELEASED BY	<i>Morgan (Sample Custodian)</i>	TIME	1710	RECEIVED BY		DATE		TIME	
RELEASED BY		TIME		RECEIVED BY	<i>Claybeth Adcox</i>	DATE	4-13-11	TIME	1205
SHIPPED VIA		TIME SENT		COOLER #					

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1106
 FAX (408) 573-7771
 PHONE (408) 673-0655

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of 4

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AG#	Water	#	Preservation												
MN-12	4/12/11	0920	AQ		8	HCl	VDA	X	X									-11
GMW-0-0		0837			8			X	X									-12
GMW-0-4 (no)		0739			8			X	X									-13
GMW-0-3		0908			8			X	X									-14
GMW-0-4		0658			8			X	X									-15
TB-3		0600			3				X									-16
GMW-3		1457			8			X	X									-17
PW-1		1425			8			X	X									-18
HL-2		1350			8			X	X									-19
GMW-SF-7		1315			8			X	X									-20

SAMPLING COMPLETED DATE 4/12/11 TIME 1630 SAMPLING PERFORMED BY T. RHYMES, ROBERT S.

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY <i>TR</i>	TIME 1700	RECEIVED BY <i>Mary Sample Custodian</i>	DATE 4/12/11	TIME 1700
RELEASED BY <i>Mary Sample Custodian</i>	TIME 1710	RECEIVED BY <i>[Signature]</i>	DATE 4/12/11	TIME 1700
RELEASED BY <i>[Signature]</i>	TIME 1700	RECEIVED BY <i>Cynthia Adcox</i>	DATE 4-13-11	TIME 1205
SHIPPED VIA	TIME SENT	COOLER #		

BLAINE

TECH SERVICES,

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0556

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 1

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

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS			TDS EPA 160.1 & Ammonia EPA 350.3	TKN EPA 351.4	Ferrous Iron (3500-F-ED) and CO ² (RSK175M)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8/SW6020	Diss. Methane (RSK175M)	Potassium, Calcium, Sodium, Magnesium EPA 200.7	Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0)	DD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AG=Water	#	Preservation	Type													
MW-7	4/12/11	1308	AQ	10	VARIOUS	VARIOUS	X	X	X	X	X	X	X	X	X				CHH11041303-01
MW-12		0920		10			X	X	X	X	X	X	X	X	X				:02
GMW-0-6		0857		10			X	X	X	X	X	X	X	X	X				:03
GMW-0-3		0808		10			X	X	X	X	X	X	X	X	X				:04
GMW-0-4		0458		10			X	X	X	X	X	X	X	X	X				:05

SAMPLING COMPLETED 4/12/11 16:00 PERFORMED BY TIRTHYME S, ROBERT S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1700 RECEIVED BY *[Signature]* DATE 4/12/11 TIME 1700

RELEASED BY *[Signature]* TIME 1710 RECEIVED BY *[Signature]* DATE 4/12/11 TIME 1700

RELEASED BY *[Signature]* TIME 1700 RECEIVED BY *[Signature]* DATE 4-13-11 TIME 11:17

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 2

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

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TDS EPA 160.1 & Ammonia EPA 350.3	TKN EPA 351.4	Ferrous Iron (3500-F-ED) and CO ² (RSK175M)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8/SW6020)	Diss. Methane (RSK175M)	Potassium, Calcium, Sodium, Magnesium EPA 200.7	Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0)	DD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AG= Water	#	Preservation	Type												
GMN-0-10	4/13/11	1259	AQ	10	VARIOUS	VARIOUS	X	X	X	X	X	X	X	X				CH11041402-01
GMN-14		1134					X	X	X	X	X	X	X	X				-02
MW-6		1050					X	X	X	X	X	X	X	X				-03
GMN-27		1213					X	X	X	X	X	X	X	X				-04
MW-0-1		1521					X	X	X	X	X	X	X	X				-05
MW-SF-5		1359					X	X	X	X	X	X	X	X				-06
GMN-0-14		0945					X	X	X	X	X	X	X	X				-07
P2-5		0740					X	X	X	X	X	X	X	X				-08
GMN-0-17		0657					X	X	X	X	X	X	X	X				-09
GMN-39		0943					X	X	X	X	X	X	X	X				-10

SAMPLING COMPLETED 4/13/11 1630 PERFORMED BY T. KHUMED RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1700 RECEIVED BY *[Signature]* (Sample Custodian) DATE 4/13/11 TIME 1700

RELEASED BY *[Signature]* (Sample Custodian) TIME 1707 RECEIVED BY *[Signature]* DATE 4/13/11 TIME 1707

RELEASED BY *[Signature]* TIME 1707 RECEIVED BY *[Signature]* (Sample Custodian) DATE 4-14-11 TIME 9:56

SHIPPED VIA TIME SENT COOLER #

BLAINE
TECH SERVICES,

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

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 2 of 2




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

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

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TDS EPA 160.1 & Ammonia EPA 350.3	TKN EPA 351.4	Ferrous Iron (3500-F-ED) and CO ² (RSK175M)	Alkalinity (SM 2320B)	Diss. Manganese EPA 200.8(SW6020)	Diss. Methane (RSK175M)	Potassium, Calcium, Sodium, Magnesium EPA 200.7	Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0)	DD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AQ= Water	#	Preservation	Type													
Wew-7		0713	AQ	10	VARIOUS	VARIOUS	X	X	X	X	X	X	X	X					11

SAMPLING COMPLETED 4/11/11 1430 SAMPLING PERFORMED BY F. RHYMES, BOBBY S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY 	TIME <u>1700</u>	RECEIVED BY <u>Morgan / Sample Custodian</u>	DATE <u>4/13/11</u>	TIME <u>1700</u>
RELEASED BY <u>Morgan / Sample Custodian</u>	TIME <u>1707</u>	RECEIVED BY 	DATE <u>4/13/11</u>	TIME <u>1707</u>
RELEASED BY 	TIME <u>1707</u>	RECEIVED BY <u>Claybeth Adcox</u>	DATE <u>4-14-11</u>	TIME <u>9:56</u>
SHIPPED VIA	TIME SENT	COOLER #		

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7774
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 of 4

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADDITIONAL INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AQ=Water	#	Preservation													Type
TS-4	4/13/11	0600	AQ	3	HCl	VQA	X	X										CHH1104/05-01
MW-SF-9		1447		3			X	X										-02
EB-5		1515		3				X										-03
P2-10		1356		3			X	X										-04
GMW-0-10		1259		3			X	X										-05
DVP-5		-		3			X	X										-06
GMW-39		0848		3			X	X										-07
DVP-1		-		3			X	X										-08
GMW-14		1136		3			X	X										-09
MW-U		1050		3			X	X										

SAMPLING COMPLETED DATE 4/13/11 TIME 1630 SAMPLING PERFORMED BY T. RHYANES, BOBBY S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *TRB* TIME 1700 RECEIVED BY *Therese (Sample Custodian)* DATE 4/13/11 TIME 1700

RELEASED BY *Therese (Sample Custodian)* TIME 1707 RECEIVED BY *[Signature]* DATE 4/13/11 TIME 1707

RELEASED BY *[Signature]* TIME 1707 RECEIVED BY *Cynthia Adcox* DATE 4-14-11 TIME 1349

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 ² of ⁴

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AO=Water		#	Preservation													Type
GMW-27	4/12/11	1218	AQ		8	HCl	VOL	X	X										-10
WCW-8		1017						X	X										-11
DUP-4		-						X	X										-12
GMW-SF-9		0924						X	X										-13
DUP-3		-						X	X										-14
MW-8		0816						X	X										-15
WCW-7		0710						X	X										-16
WCW-4		0648						X	X										-17
MW-0-1		1521						X	X										-18
EB-6		1550						X	X										-19

SAMPLING COMPLETED DATE 4/12/11 TIME 1630 SAMPLING PERFORMED BY **TRACY MFS, BOBBY J** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY TIME 1700 RECEIVED BY **Morgan (Sample Custodian)** DATE 4/13/11 TIME 1700

RELEASED BY **Morgan (Sample Custodian)** TIME 1707 RECEIVED BY DATE 4/13/11 TIME 1707

RELEASED BY TIME 1707 RECEIVED BY **Cemabeth Adcox** DATE 4-14-11 TIME 1349

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 3 of 4

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS			TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type											
GW-3	4/13/11	1439	AQ	9	HCl	VOL	X	X									20
MW-SF-5		1259					X	X									21
GMW-0-23		1251					X	X									22
GMW-0-20		1218					X	X									23
MW-18 (MID)		1134					X	X									24
MW-SF-4		1101					X	X									25
GMW-9		1024					X	X									26
GMW-0-14		0945					X	X									27
DUP-2		-					X	X									28
MW-SF-1		0901					X	X									29

SAMPLING COMPLETED DATE 4/13/11 TIME 1630 SAMPLING PERFORMED BY T. RHYMES, BOBBY S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1700 RECEIVED BY [Signature] DATE 4/13/11 TIME 1700

RELEASED BY [Signature] TIME 1707 RECEIVED BY [Signature] DATE 4/13/11 TIME 1707

RELEASED BY [Signature] TIME 1707 RECEIVED BY [Signature] DATE 4-14-11 TIME 1349

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 4 of 4

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHip (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AQ=	Water	#	Preservation													Type
GMW-1	4/13/11	0821	AQ		3	HCl	VOL	X	X										30
P2-5	↓	0740	↓		3	↓	↓	X	X										31
GMW-17	↓	0659	↓		3	↓	↓	X	X										32

SAMPLING COMPLETED 4/13/11 1630 SAMPLING PERFORMED BY: T. F. HYNES, BOBBY S RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1700 RECEIVED BY *[Signature]* (Sample Custodian) DATE 4/13/11 TIME 1700

RELEASED BY *[Signature]* (Sample Custodian) TIME 1707 RECEIVED BY *[Signature]* DATE 4/13/11 TIME 1700

RELEASED BY *[Signature]* TIME 1707 RECEIVED BY *[Signature]* (Sample Custodian) DATE 4-14-11 TIME 1349

SHIPPED VIA TIME SENT COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 673-7771
 PHONE (408) 673-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 of 2

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**
15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS			TPHg, TPHip (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
TB-5	4/14/11	0200	AQ	2	HCl	VOA		X										CH1104505-01
GMW-25		0949		8			X	X										.02
GMW-0-12		0913		8			X	X										.03
MW-SF-10		0817		8			X	X										.04
GMW-SF-10		0730		8			X	X										.05
GMW-10		1103		8			X	X										.06
MW-SF-2		1038		8			X	X										.07
MW-SF-6		0958		8			X	X										.08
GMW-4		0807		8			X	X										.09
MW-9		0849		8			X	X										.10

SAMPLING COMPLETED DATE 4/14/11 TIME 1200 SAMPLING PERFORMED BY T. ELLIOTT, BOBBY S. RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1445 RECEIVED BY *[Signature]* (Sample Custodian) DATE 4/14/11 TIME 1445

RELEASED BY *[Signature]* (Sample Custodian) TIME 1700 RECEIVED BY *[Signature]* DATE 4/14/11 TIME 1700

RELEASED BY *[Signature]* TIME 1700 RECEIVED BY *[Signature]* Campbell Adcox DATE 4-15-11 TIME 1303

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 2 of 2

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX AG Water	CONTAINERS		TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
				#	Preservation													Type
GMW-1	4/14/11	0735	AQ	8	HCl	VOA	X	X										.11
DUP-4				8			X	X										.12
MW-15		0646		8			X	X										.13
EB-7		1230		8			X	X										.14
EB-8		1230 1245		8			X	X										.15
DUP-7				8			X	X										.16

SAMPLING COMPLETED: DATE 4/14/11, TIME 1300, SAMPLING PERFORMED BY: TIRHAMES, BOBBY S., RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: *[Signature]* TIME 1445 RECEIVED BY: *[Signature]* (Sample Custodian) DATE 4/14/11 TIME 1445

RELEASED BY: *[Signature]* (Sample Custodian) TIME 1700 RECEIVED BY: *[Signature]* DATE 4/14/11 TIME 1700

RELEASED BY: *[Signature]* TIME 1700 RECEIVED BY: *[Signature]* Chryssith Adcox DATE 4-15-11 TIME 1303

SHIPPED VIA: TIME SENT COOLER #

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 110411-TR1 Technician TR

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
BW-1	X	X								
BW-2	X	X								
BW-3	X	X								
BW-4	X	X								
BW-5	X	X								
BW-6	X	X								
BW-7	X	X								
BW-8	X	X								
BW-9	X	X								
EXP-1	X		X	X						
EXP-2	X		X	X						
EXP-3	X		X	X						
EXP-4	X	X								
EXP-5	X	X								
GMW-1		X			X					
GMW-10	X	X								
GMW-11	X	X						X		

NOTES: GMW-11: BROKEN LID, WELL BOX DAMAGED.

GMW-10

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 110411-TK1 Technician TK

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
GMW-13	X	X								
GMW-14		X			X			X		
GMW-2									X	
GMW-22	X		X	X						
GMW-23	X		X	X						
GMW-24	X		X	X						
GMW-25			X							
GMW-26	X	X								
GMW-27		X								
GMW-28		X								
GMW-29	X		X							
GMW-3		X			X					
GMW-30	X		X	X						
GMW-36	X									
GMW-37	X		X	X						
GMW-38	X		X	X						
GMW-39	X		X	X						

NOTES: GMW-14: BROKEN LID, WELL BOX DAMAGED.
GMW-2: UNABLE TO LOCATE
GMW-27: NO LID, MARKED w/ CONE
GMW-29: STANDPIPE CRACKED
GMW-30: 2'x2' VAULT - ABOVE GROUND

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 110411-TR1 Technician TR

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
GMW-4		X						X		
GMW-8									X	
GMW-9										
GMW-O-1	X	X								
GMW-O-10	X	X								
GMW-O-11	X	X								
GMW-O-12	X	X								
GMW-O-14	X	X								
GMW-O-15	X	X								
GMW-O-16	X	X								
GMW-O-17	X	X								
GMW-O-18	X	X								
GMW-O-19	X	X								
GMW-O-2	X	X								
GMW-O-20	X	X								
GMW-O-21	X	X								
GMW-O-23	X	X								

NOTES: GMW-8: UNABLE TO LOCATE, WELL BLEIRED

GMW-4

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 110411-TR1 Technician TK

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
GMW-O-3	X	X								
GMW-O-4	X	X								
GMW-O-4 (MID)	X	X								
GMW-O-5	X	X								
GMW-O-6	X	X								
GMW-O-7	X	X								
GMW-O-7	X	X								
GMW-O-8	X	X								
GMW-O-9	X	X								
GMW-SF-10		X	X (2)	X (2)						
GMW-SF-7			X	X						
GMW-SF-8			X	X						
GMW-SF-9										
GWR-1		X			X			X		
GWR-3			X	X						
HL-2			X	X						
HL-3			X	X						

NOTES: GWR-1: WELL BELOW GAPE, TABS NEED RETAP
GMW-SF-10: 2'x2' ABOVE SOUND VAULT

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 110411-TR1 Technician TR

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
HW-2									✓	
MW-12										
MW-15										
MW-18 (MID)	✓		X	X						
MW-19 (MID)	X		X	X						
MW-20 (MID)	X		X	✓						
MW-21 (MID)	✓		X	X						
MW-6	X		X	X						
MW-7	X		X	✓						
MW-8	X		X	X						
MW-9	✓		X	X						
MW-O-1		X	✓							
MW-O-2		X								
MW-SF-1	X		X	X						
MW-SF-10	X		X							
MW-SF-11			X	X						
MW-SF-12	X		X	X						

NOTES: HW-2 : UNABLE TO LOCATE
MW-O-2 : VAULT MARKED "TRAFFIC SIGNAL"

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/11/11

Site Address Norwalk

Job Number 11 0411-TR-1 Technician ML

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
MW-SF-13	X		X	X						
MW-SF-14	X		X	X						
MW-SF-15	X		X	X						
MW-SF-16	X		X	X						
MW-SF-2	X		X	X						
MW-SF-3	X		X	X						
MW-SF-4	X		X	X						
MW-SF-5	X		X	X						
MW-SF-6	X		X	X						
MW-SF-9	X		X	X						
PW-1	X	X								
PW-2	X	X								
PW-3	X	X								
PZ-10		X			X					
PZ-2	X	X								
PZ-5	X	X								
PZ-6		X							X	

NOTES: PZ-6 UNABLE TO LOCATE

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 4/10/11

Site Address Norwalk

Job Number 110411-TR1 Technician TR

Well ID	Well Inspected - No Corrective Action Required	Flush Mounted wellbox	Standpipe	Guard posts	Stripped or Missing Bolts	Expansion Cap	Lock	Cracked Apron	Well Not Inspected (explain below)	Repair Order Submitted
PZ-7A		X	X	X						
PZ-7B		X	X	X						
PZ-8A			X	X						
PZ-8B			X	X						
PZ-9A			X	X						
PZ-9B			X	X						
VEW-1			X	X						
VEW-2			X	X						
WCW-1	X	X								
WCW-10	X	X								
WCW-11	X	X								
WCW-12	X	X								
WCW-13	X	X								
WCW-14	X	X								
WCW-2	X	X								
WCW-3	X	X								
WCW-4	X	X								

NOTES: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: GMW-22	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC Grade	Flow Cell Type: <u>YSL556</u>

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0915 Flow Rate: 200 mL/MIN 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
0918	21.4	7.4	2514	60	0.30	-124.5	600	—
0921	21.0	7.4	2485	73	0.72	-128.6	1200	—
0924	21.1	7.3	2481	65	0.70	-133.5	1800	—
0927	21.1	7.3	2470	63	0.70	-135.8	2400	—
0930	21.2	7.3	2766	65	0.72	-139.6	3000	—

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.0L
Sampling Time: 0931	Sampling Date: 4/29/11
Sample I.D.: GMW-22	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TK1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: GMW-24	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: 39.24	Depth to Water: Pre: 29.98 Post: 30.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1115 Flow Rate: 500 mL / MIN Pump Depth: 37'

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
1118	24.5	7.4	2755	>1000	0.38	-173.5	1500	30.00
1121	24.3	7.3	2721	>1000	0.30	-180.6	3000	30.00
1124	24.5	7.3	2708	>1000	0.28	-182.7	4500	30.00
1127	24.5	7.3	2700	>1000	0.25	-188.6	6000	30.00
1130	24.6	7.3	2694	>1000	0.25	-189.3	7500	30.00
1133	24.6	7.3	2690	>1000	0.25	-191.2	9000	30.00

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 9.0L
Sampling Time: 1134	Sampling Date: 4/29/11
Sample I.D.: GMW-24	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: G MW-36	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: — Post: —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0827 Flow Rate: 500 mL/min 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
0830	20.3	7.3	2948	11	0.75	-188.0	1500	—
0833	20.1	7.3	2932	14	0.70	-194.3	3000	—
0836	20.1	7.4	2930	11	0.68	-201.3	4500	—
0839	20.3	7.3	2922	8	0.70	-204.5	6000	—
0842	20.3	7.3	2920	8	0.72	-207.3	7500	—

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 7.5 L
Sampling Time: 0843	Sampling Date: 4/29/11
Sample I.D.: G MW-36	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u> <u>Other</u> <u>MNA</u>	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TK	Start Date: 4/29/11
Well I.D.: GMW-0-15	Well Diameter: 2 3 4 6 8 8
Total Well Depth: —	Depth to Water: Pre: — Post: —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump EXPORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0747 Flow Rate: 200 ML / MIN Pump Depth: —

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
0750	19.6	7.30	2905	14	1.73	-79.5	600	—
0753	20.0	7.20	2890	8	0.96	-88.3	1200	—
0756	20.0	7.18	2885	11	0.90	-93.5	1800	—
0759	19.9	7.13	2882	10	0.90	-95.7	2400	—
0802	19.9	7.10	2880	10	0.95	-98.6	3000	—

Did well dewater? Yes No	Amount actually evacuated: 3.0 L
Sampling Time: 0803	Sampling Date: 4/29/11
Sample I.D.: GMW-0-15	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE Other : MNA	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: GMW-0-18	Well Diameter: 2 3 4 6 8 <u>8</u>
Total Well Depth: —	Depth to Water: Pre: — Post: —
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0705 Flow Rate: 200 mL / MIN Pump Depth: —

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0708	18.9	7.8	3033	>1000	7.54	99.6	600	—
0711	18.6	7.8	3140	>1000	6.50	99.0	1200	—
0714	18.6	7.9	3148	>1000	6.42	95.3	1800	—
0717	18.7	7.8	3096	>1000	6.40	94.5	2400	—
0720	18.7	7.8	3090	>1000	6.35	93.2	3000	—

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: 3.0L
Sampling Time: 0721	Sampling Date: 4/29/11
Sample I.D.: GMW-0-18	Laboratory: <u>Alpha Analytical</u>
Analyzed for: TPHg TPHfp VOC's MTBE	Other: <u>See C.O.C.</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: <u>DVP-10 @ —</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: GMW-0-21	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u> </u>	Depth to Water: Pre: <u> </u> Post: <u> </u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: PVC Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 0935 Flow Rate: 200 mL / MIN 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
0938	21.8	7.8	2098	42	8.53	-116.3	600	✓
0941	22.0	7.7	2075	24	8.08	-128.5	1200	—
0944	22.0	7.7	2070	28	8.00	-133.6	1800	✓
0947	22.1	7.7	2063	22	7.90	-130.9	2400	—
0950	22.1	7.6	2077	26	7.79	-129.6	3000	—

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3.0 L
Sampling Time: 0951	Sampling Date: 4/29/11
Sample I.D.: GMW-0-21	Laboratory: Alpha Analytical
Analyzed for: TPHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE <input checked="" type="checkbox"/>	Other: <u> </u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: DUP-11 @ <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: R	Start Date: 4/29/11
Well I.D.: MW-SF-3	Well Diameter: 2 3 4 6 8 <u>5</u>
Total Well Depth: 49.19	Depth to Water: Pre: 30.77 Post: 30.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1430 Flow Rate: 500 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
1433	26.5	7.0	2679	68	0.68	-175.6	1500	30.82
1436	25.8	7.0	2683	59	0.37	-175.9	3000	30.82
1439	25.5	7.0	2694	42	0.32	-177.3	4500	30.82
1442	25.5	6.9	2703	40	0.30	-180.5	6000	30.82
1445	25.5	6.9	2710	43	0.30	-181.6	7500	30.82

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 7.52
Sampling Time: 1446	Sampling Date: 4/29/11
Sample I.D.: MW-SF-3	Laboratory: Alpha Analytical
Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u>	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TA	Start Date: 4/29/11
Well I.D.: MW-SF-11	Well Diameter: 2 3 4 6 8
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC ^{7L} Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump **EXT PORT** Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing **New Tubing** Other _____
 Start Purge Time: 1500 Flow Rate: 200 mL / MIN 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
1503	25.7	7.4	2883	4	0.85	-125.3	000	—
1504	25.2	7.6	2893	4	0.68	-133.5	1200	—
1509	25.2	7.6	2879	4	0.63	-138.5	1800	—
1512	25.3	7.5	2877	4	0.62	-140.5	2400	—
1515	25.3	7.6	2873	3	0.62	-140.3	3000	—

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.0 L
Sampling Time: 1516	Sampling Date: 4/29/11
Sample I.D.: MW-SF-11	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 #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: MW-SF-12	Well Diameter: 2 3 4 6 8 <u>5</u>
Total Well Depth: 42.55	Depth to Water: Pre: 30.11 Post: 30.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1335 Flow Rate: 500 mL/min Pump Depth: 37'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mb</u>)	Depth to water
1338	24.1	7.2	3600	47	0.64	-84.3	1500	30.18
1341	24.5	7.2	3470	52	0.53	-90.4	3000	30.18
1344	24.6	7.2	3462	50	0.50	-96.3	4500	30.18
1347	24.7	7.2	3460	48	0.50	-97.9	6000	30.18
1350	24.7	7.2	3460	46	0.51	-99.4	7500	30.18

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 7.5 L
Sampling Time: 1351	Sampling Date: 4/29/11
Sample I.D.: MW-SF-12	Laboratory: Alpha Analytical
Analyzed for: <input checked="" type="checkbox"/> PHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE	Other: MNA
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: R2	Start Date: 4/29/11
Well I.D.: MW-SF-13	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1403 Flow Rate: 200 mL / MIN 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
1400	23.8	7.8	2415	6	0.36	-143.5	600	—
1409	23.8	7.7	2446	5	0.40	-143.0	1200	—
1412	23.9	7.7	2416	5	0.35	-142.1	1800	—
1415	23.9	7.7	2450	4	0.32	-143.6	2400	—
1418	23.9	7.7	2483	4	0.32	-149.5	3000	—

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3.0 L
Sampling Time: 1419	Sampling Date: 4/29/11
Sample I.D.: MW-SF-13	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp <u>VOC's</u> MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: <i>KL</i>	Start Date: 4/29/11
Well I.D.: MW-SF-14	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump **EXT PORT** Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing **New Tubing** Other _____
 Start Purge Time: 0955 Flow Rate: 200 mL / MIN Pump Depth: _____

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
0958	25.2	7.6	2224	15	6.59	-156.3	600	—
1001	24.8	7.6	2208	11	6.03	-158.9	1200	—
1004	24.8	7.6	2206	13	5.82	-170.2	1800	—
1007	24.8	7.6	2212	10	5.86	-173.5	2400	—
1010	24.8	7.4	2215	10	5.50	-178.3	3000	—

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.0L
Sampling Time: 1011	Sampling Date: 4/29/11
Sample I.D.: MW-SF-14	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: MW-SF-15	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump **EXT PORT** Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing **New Tubing** Other _____
 Start Purge Time: 1015 Flow Rate: 200 mL/MIN 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
1018	25.0	7.5	2205	13	0.40	-171.3	600	
1021	25.2	7.6	2169	20	0.35	-178.3	1200	
1024	25.2	7.5	2178	21	0.33	-182.2	1800	
1027	25.3	7.6	2170	23	0.35	-186.3	2100	
1030	25.3	7.5	2203	21	0.35	-180.3	2400	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 2.4
Sampling Time: 1031	Sampling Date: 4/29/11
Sample I.D.: MW-SF-15	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 #: 110429-TR1	Client: KMEP
Sampler: TR	Start Date: 4/29/11
Well I.D.: MW-SF-16	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: Pre: _____ Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump EXT PORT Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1039 Flow Rate: 200 mL/MIN Pump Depth: _____

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
1042	23.9	7.5	2105	9	0.26	-160.7	600	—
1045	25.0	7.5	2120	8	0.30	-167.3	1200	—
1048	25.2	7.4	2126	8	0.28	-169.5	1800	—
1051	25.3	7.4	2130	5	0.25	-173.2	2400	—
1054	25.3	7.4	2125	5	0.25	-173.5	3000	—

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.02
Sampling Time: 1055	Sampling Date: 4/29/11
Sample I.D.: MW-SF-16	Laboratory: Alpha Analytical
Analyzed for: <input checked="" type="checkbox"/> TPHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOC's <input checked="" type="checkbox"/> MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	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 1 of 1

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

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS			TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)								ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type													
MW-SF-11	4/29/11	1516	AQ	8	HCl	VOA	X	✓											
MW-SF-3	↓	1446	↓	↓	↓	↓	X	X											
MW-SF-13	↓	1419	↓	↓	↓	↓	X	X											
TB-11	↓	1400	↓	2	HCl	VOA		X											

SAMPLING COMPLETED 4/29/11 1530 SAMPLING PERFORMED BY _____ RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY TRH TIME 1600 RECEIVED BY TRH DATE 4/29/11 TIME 1600

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

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

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

BLAINE

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 SAN JOSE, CALIFORNIA 95112-1105
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CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 of 1

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

Kinder Morgan Norwalk
 Report to:
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 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS			TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
MW-SF-11	4/29/11	1516	AQ	8	HCl	VOA	X	X										
MW-SF-3		1446					X	X										
MW-SF-13		1419					X	X										
TB-11		1400		2	HCl	VOA		X										

SAMPLING COMPLETED 4/29/11 1530 SAMPLING PERFORMED BY _____ RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY [Signature] TIME 1600 RECEIVED BY [Signature] DATE 4/29/11 TIME 1600

RELEASED BY [Signature] TIME 1330 RECEIVED BY [Signature] DATE 5/2/11 TIME 1330

RELEASED BY [Signature] TIME 1330 RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

WELL GAUGING DATA

Project # 10411-SPI Date 4-11-11 Client Parsons

Site DFSP 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	0739	4					53.95	128.89		4-11-11
EXP-2	0830	4					54.40	128.17		
EXP-3	0918	4					52.90	123.01		
GMW-12	1014	4					26.59	48.45		String
GMW-31	1108	4					28.26	64.89		String
GMW-41	1145	4					25.98	49.65		String
GMW-43	1230	4					25.74	50.14		String
GMW-44	1308	4					26.00	49.96		String
GMW-57	1357	4					27.91	53.48		String
GMW-63	0741	4					28.68	40.24		4-12-11 String
GMW-64	0820	4					26.52	40.09		String
GMW-66	0910	4					28.53	40.03		String
MW-13	0954	4					29.92	52.40		String
MW-16	1038	4					27.91	50.91		String
MW-17	1123	4					28.84	52.01		String
PW-16	1214	6					28.57	61.25		Ext Pump String
MW-27	1312	4					29.78	52.00	✓	String

WELL GAUGING DATA

Project # 110411-SP1 Date 4-11-11 Client Parsons

Site DFSP 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	
MW-25	1356	4					31.63	47.12		4-12-11	Spring
MW-26	0802	4					29.62	46.84		4-13-11	Spring
MW-24	0851	4					31.00	47.14			Spring
GMW-65	0935	4					28.03	40.67			
MW-14	1038	4					31.30	51.90			
GMW-16	—		Unable to locate / access well				—	—			
GW-6	1117	4					28.38	61.70			Spring
GW-13	1159	6					29.58	65.98			Ext. Spring
GMW-19	—		Unable to locate / access well				—	—			
GMW-58	1306	4					26.20	54.24			Spring
GMW-06	1401	4					29.00	49.70			Spring
MW-22MID	0728	4					33.44	57.62		4-14-11	Spring
GMW-32	0813	4					25.70	51.55			Spring
GMW-15	0856	4					27.96	49.67			Spring
PZ-3	0949	2					27.77	57.32			
MW-23MID	1043	4					31.49	57.07			Spring
GMW-45	1129	4					27.43	49.72	✓		Spring

WELL GAUGING DATA

Project # 110411-SP1 Date 4-11-11 Client Parsons

Site DFSP Nammik

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>TOC</u>	Notes
GMW-61	1225	4					26.74	49.59		4-11-11 string
GMW-47	1307	4					27.61	50.35		string
GMW-59	1352	4					24.98	54.26		string
GMW-60	0709	4					27.49	39.98		4-15-11 string
GMW-17	0808	4					24.95	49.26		string
GMW-62	0858	4		26.72	1.64		28.36	—		string
GMW-56	0917	4					28.09	54.80		string
GW-15	0954	6		26.49	0.02		26.51	—		Dxt. pump string
GW-14	1010	6					27.82	66.42		string
TF-16	1054	4					26.99	60.13		
TF-21	1139	4					26.10	59.64	✓	string

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110461-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: EXP-1	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 128.89	Depth to Water (ft.): 53.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0749 Flow Rate: 200 mL/min. Pump Depth: 97-102'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0752	17.90	7.72	1409	5	2.68	-54.2	600	53.96
0755	17.08	7.79	1367	4	2.07	-78.5	1200	53.96
0758	19.53	7.80	1376	4	1.91	-84.9	1800	53.96
0801	19.75	7.78	1386	3	1.75	-83.8	2400	53.96
0804	19.82	7.79	1392	3	1.70	-82.7	3000	53.96
0807	19.86	7.79	1394	3	1.73	-79.0	3600	53.96

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0808</u>	Sampling Date: <u>4-11-11</u>
Sample I.D.: <u>EXP-1</u>	Laboratory: <u>CalScienc</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See COC</u>	
Equipment Blank I.D.: @ Duplicate I.D.:	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-521	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: Exp-2	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 128.17	Depth to Water (ft.): 54.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 451 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0837 Flow Rate: 200 mL/min Pump Depth: 105'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0840	20.58	8.28	1968	6	2.25	-111.6	600	54.42
0843	21.03	8.09	2049	5	1.78	-120.3	1200	54.42
0846	21.16	7.97	2086	5	1.66	-119.4	1800	54.42
0849	21.17	7.88	2103	4	1.63	-119.4	2400	54.42
0852	21.12	7.86	2109	4	1.67	-118.7	3000	54.42
0855	21.12	7.82	2108	4	1.65	-115.8	3600	54.42

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 0856	Sampling Date: 4-11-11
Sample I.D.: Exp-2	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Col
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: EXP-3	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 123.01	Depth to Water (ft.): 52.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSL 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0925 Flow Rate: 200 mL/min Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0928	20.30	8.21	1184	5	2.46	-102.3	600	52.93
0931	20.49	8.04	1243	5	1.91	-104.7	1200	52.93
0934	20.54	7.99	1264	4	1.78	-105.1	1800	52.93
0937	20.50	7.95	1278	4	1.73	-104.4	2400	52.94
0940	20.49	7.91	1286	4	1.67	-106.1	3000	52.94
0943	20.52	7.89	1289	3	1.66	-105.7	3600	52.94

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 L
Sampling Time: 0944	Sampling Date: 4-11-11
Sample I.D.: EXP-3	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Sep Col
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: 6" PVC Gmw-6	Well Diameter (in.): 2 3 4 6 8
Total Well Depth (ft.): 49.70	Depth to Water (ft.): 29.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1409 Flow Rate: 200 mL/min Pump Depth: 39.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1412	22.7	8.29	611	10	3.68	-69.9	600	29.04
1415	22.5	8.33	607	9	3.62	-72.1	1200	29.04
1418	22.7	8.25	610	9	3.54	-72.7	1800	29.04
1421	22.5	8.26	606	8	3.28	-73.4	2400	29.04
1424	22.6	8.25	607	8	3.25	-73.0	3000	29.04
1427	22.7	8.23	612	7	3.24	-73.8	3600	29.04

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 3600 mL
Sampling Time: 1428	Sampling Date: 4-13-11
Sample I.D.: Gmw-6	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CAL
Equipment Blank I.D.: @ Time	Duplicate I.D.: Gmw-6dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parson
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: GAW-15	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 49.67	Depth to Water (ft.): 27.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0906 Flow Rate: 200 mL/min. Pump Depth: 37.5'

Time	Temp. (<u>C</u> or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to Water (ft.)
0909	21.6	7.72	993	14	1.13	16.7	600	28.01
0912	21.8	7.52	1024	10	0.77	15.8	1200	28.01
0915	21.9	7.48	1035	10	0.64	15.3	1800	28.02
0918	21.8	7.43	1012	9	0.51	15.3	2400	28.02
0921	21.8	7.39	1048	8	0.47	14.6	3000	28.02
0924	21.9	7.39	1047	8	0.45	15.0	3600	28.02

Did well dewater? Yes <input type="checkbox"/> <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0925</u>	Sampling Date: <u>4-14-11</u>
Sample I.D.: <u>GAW-15</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See Cal</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: FMW-16	Well Diameter (in.): 2 3 4 6 8 _____
Total Well Depth (ft.): _____	Depth to Water (ft.): _____
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: _____

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

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	Unable	to	locate /	access	well.	—		
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-281	Client: Parsons
Sampler: 50	Gauging Date: 4-15-11
Well I.D.: GMW-17	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.26	Depth to Water (ft.): 24.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 451 Pro Plus

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

Start Purge Time: 0816 Flow Rate: 200 mL/min. Pump Depth: 37.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0819	21.7	6.95	1216	16	0.52	-147.7	600	24.98
0822	21.8	6.85	1222	14	0.54	-153.6	1200	24.98
0825	21.9	6.82	1224	13	0.38	-159.5	1800	24.98
0828	22.0	6.81	1227	13	0.31	-162.7	2400	24.99
0831	22.0	6.83	1228	12	0.27	-164.1	3000	24.99
0834	22.1	6.82	1230	12	0.26	-165.6	3600	24.99

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 0835	Sampling Date: 4-15-11
Sample I.D.: GMW-17	Laboratory: CalSci-Mex
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Coc
Equipment Blank I.D.: @	Duplicate I.D.: GMW-17dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: GMW-19	Well Diameter (in.): 2 3 4 6 8 _____
Total Well Depth (ft.): _____	Depth to Water (ft.): _____
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: _____

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

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
_____	Unable	to locate/access well.		_____				
_____	No	Sample taken		_____				

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: Gmw-31	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 64.89	Depth to Water (ft.): 28.26
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSL 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1114 Flow Rate: 200 mL/min. Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1117	22.37	7.86	1394	19	1.29	-36.2	600	28.30
1120	22.37	7.61	1391	17	1.10	-60.0	1200	28.30
1123	22.36	7.47	1393	19	1.20	-74.4	1800	28.30
1126	22.40	7.40	1390	17	1.13	-82.4	2400	28.30
1129	22.37	7.39	1395	14	1.12	-87.5	3000	28.30
1132	22.38	7.38	1388	14	1.13	-90.2	3600	28.30

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1133	Sampling Date: 4-11-11
Sample I.D.: Gmw-31	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: GMW-41	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.65	Depth to Water (ft.): 25.98
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 _____
 Start Purge Time: 1151 Flow Rate: 200 mL/min Pump Depth: 38'

Time	Temp. (C or F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1154	21.53	8.24	1572	17	1.62	6.0	600	26.03
1157	21.61	7.98	1614	15	1.04	-29.7	1200	26.04
1200	21.65	7.90	1623	9	0.98	-47.2	1800	26.04
1203	21.64	7.81	1625	10	0.83	-58.2	2400	26.05
1206	21.65	7.79	1626	12	0.84	-62.9	3000	26.05
1209	21.67	7.78	1625	8	0.81	-65.1	3600	26.05

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1210	Sampling Date: 4-11-11
Sample I.D.: GMW-41	Laboratory: CalSci
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CA
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: <u>Praxis</u>
Sampler: <u>SP</u>	Gauging Date: <u>4-11-11</u>
Well I.D.: <u>GAW-43</u>	Well Diameter (in.): 2 3 <u>(4)</u> 6 8
Total Well Depth (ft.): <u>50.14</u>	Depth to Water (ft.): <u>25.74</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1235 Flow Rate: 200mL/min Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1238	23.07	8.27	913	16	2.49	-55.2	600	25.77
1241	23.09	7.98	916	10	2.32	-57.5	1200	25.78
1244	23.07	7.73	917	8	2.42	-56.3	1800	25.78
1247	23.10	7.37	916	7	2.54	-48.1	2400	25.78
1250	23.08	7.30	916	7	2.55	-46.0	3000	25.78
1253	23.10	7.30	914	7	2.53	-43.0	3600	25.78

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3600mL</u>
Sampling Time: <u>1254</u>	Sampling Date: <u>4-11-11</u>
Sample I.D.: <u>GAW-43</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See CA</u>	
Equipment Blank I.D.: @ <small>Tune</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Person
Sampler: sp	Gauging Date: 4-11-11
Well I.D.: GMW-44	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.90	Depth to Water (ft.): 26.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 451 5TB

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1313 Flow Rate: 200ml/min. Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1316	23.11	7.98	1113	9	1.34	-52.6	600	26.03
1319	23.04	7.83	1114	7	1.30	-68.8	1200	26.03
1322	23.03	7.60	1111	6	1.23	-71.5	1800	26.03
1325	23.05	7.34	1111	4	1.22	-69.7	2400	26.03
1328	23.03	7.28	1110	4	1.19	-64.5	3000	26.03
1331	23.04	7.27	1112	4	1.17	-60.8	3600	26.03

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3600ml
Sampling Time: 1332	Sampling Date: 4-11-11
Sample I.D.: GMW-44	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-511	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: GMW-45	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.72	Depth to Water (ft.): 27.43
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

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

Start Purge Time: 1135 Flow Rate: 200 mL/min Pump Depth: 38.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1138	21.7	7.38	1842	12	0.38	-160.0	600	27.46
1141	21.7	7.37	1844	10	0.34	-166.4	1200	27.46
1144	21.7	7.36	1843	9	0.26	-170.2	1800	27.46
1147	21.7	7.34	1839	9	0.22	-172.8	2400	27.46
1150	21.7	7.33	1835	8	0.24	-174.3	3000	27.46
1153	21.7	7.33	1831	8	0.21	-175.4	3600	27.46

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

Sampling Time: 1154 Sampling Date: 4-14-11

Sample I.D.: GMW-45 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: GMW-47	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 50.35	Depth to Water (ft.): 27.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1314 Flow Rate: 200 mL/min Pump Depth: 39'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1317	23.1	7.13	2674	10	0.68	-157.3	600	27.65
1320	23.1	7.02	2682	8	0.56	-174.1	1200	27.65
1323	23.1	6.96	2671	7	0.38	-188.7	1800	27.65
1326	23.0	6.91	2667	7	0.36	-196.8	2400	27.66
1329	23.0	6.90	2662	6	0.33	-199.3	3000	27.66
1332	23.0	6.90	2658	6	0.31	-201.7	3600	27.66

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1333	Sampling Date: 4-14-11
Sample I.D.: GMW-47	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: GMW-56	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 54.80	Depth to Water (ft.): 28.09
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0923 Flow Rate: 200 mL/min Pump Depth: 41'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0926	20.5	7.76	663	19	0.67	-117.3	600	28.12
0929	20.5	7.70	663	17	0.64	-121.9	1200	28.12
0932	20.5	7.70	664	14	0.66	-129.0	1800	28.12
0935	20.6	7.71	662	12	0.66	-133.5	2400	28.12
0938	20.6	7.73	663	11	0.65	-137.1	3000	28.12
0941	20.6	7.72	664	11	0.64	-139.2	3600	28.12

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0942</u>	Sampling Date: <u>4-15-11</u>
Sample I.D.: <u>GMW-56</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See COC</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-11-11
Well I.D.: GMW-57	Well Diameter (in.): 2 3 ④ 6 8
Total Well Depth (ft.): 53.48	Depth to Water (ft.): 27.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 451 556

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

Start Purge Time: 1403 Flow Rate: 200mL/min. Pump Depth: 41'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1406	23.13	7.64	1537	11	1.77	-72.0	600	27.93
1409	23.05	7.55	1537	9	1.01	-88.7	1200	27.94
1412	23.00	7.51	1539	8	0.96	-103.4	1800	27.94
1415	22.99	7.47	1540	8	0.95	-110.8	2400	27.94
1418	23.01	7.47	1541	7	0.95	-114.8	3000	27.94
1421	23.00	7.46	1542	7	0.96	-118.1	3600	27.94

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

Sampling Time: 1422 Sampling Date: 4-11-11

Sample I.D.: GMW-57 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See CA

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-01	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: G-MW-58	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 54.24	Depth to Water (ft.): 26.26
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1313 Flow Rate: 200 mL/min Pump Depth: 40'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1316	22.6	7.69	1294	11	0.49	-157.3	600	26.24
1319	22.5	7.72	1292	9	0.28	-164.2	1200	26.24
1322	22.4	7.73	1280	9	0.26	-167.4	1800	26.25
1325	22.7	7.75	1281	6	0.25	-170.0	2400	26.25
1328	22.7	7.73	1284	6	0.25	-173.1	3000	26.25
1331	22.7	7.73	1281	5	0.22	-174.6	3600	26.25

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

Sampling Time: 1332 Sampling Date: 4-13-11

Sample I.D.: G-MW-58 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Cal

Equipment Blank I.D.: @ Time Duplicate I.D.: G-MW-58dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: GMW-59	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 54.26	Depth to Water (ft.): 24.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC Grade	Flow Cell Type: PSI No Pys

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump Other _____
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1358 Flow Rate: 200mL/min. Pump Depth: 39.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1401	23.1	7.86	1638	13	3.79	-244.6	600	25.01
1404	23.0	7.78	1634	11	2.55	-275.5	1200	25.01
1407	22.9	7.72	1633	10	1.93	-288.2	1800	25.02
1410	22.8	7.66	1629	10	1.22	-300.0	2400	25.02
1413	22.9	7.64	1631	9	0.96	-303.5	3000	25.02
1416	23.0	7.63	1636	8	0.95	-307.5	3600	25.02
1419	23.0	7.63	1640	8	0.92	-308.9	4200	25.02

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200mL
Sampling Time: 1420	Sampling Date: 4-14-11
Sample I.D.: GMW-59	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parson
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: GMW-60	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 39.98	Depth to Water (ft.): 27.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0715 Flow Rate: 200mL/min. Pump Depth: 34'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0718	20.9	7.19	2915	7	0.66	-130.6	600	27.52
0721	21.3	7.14	2939	6	0.80	-149.7	1200	27.52
0724	21.3	7.08	2946	4	0.67	-159.6	1800	27.52
0727	21.5	7.02	2956	4	0.47	-165.7	2400	27.52
0730	21.4	7.03	2955	4	0.43	-170.0	3000	27.52
0733	21.4	7.02	2958	3	0.46	-172.9	3600	27.52

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600mL</u>
Sampling Time: <u>0734</u>	Sampling Date: <u>4-15-11</u>
Sample I.D.: <u>GMW-60</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: GMW-61	Well Diameter (in.): 2 3 ④ 6 8
Total Well Depth (ft.): 49.59	Depth to Water (ft.): 26.74
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

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

Start Purge Time: 1230 Flow Rate: 200 mL/min Pump Depth: ~~35~~ 35'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1233	22.3	7.28	2838	6	0.39	-282.4	600	26.77
1236	22.2	7.26	2816	6	0.30	-297.0	1200	26.77
1239	22.1	7.25	2804	4	0.31	-303.9	1800	26.77
1242	22.1	7.15	2791	3	0.29	-306.4	2400	26.77
1245	22.1	7.12	2780	3	0.25	-311.2	3000	26.77
1248	22.1	7.11	2771	3	0.23	-313.2	3600	26.77

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1249	Sampling Date: 4-14-11
Sample I.D.: GMW-61	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: GMW-62	Well Diameter (in.): 2 3 <u>(4)</u> 6 8
Total Well Depth (ft.): —	Depth to Water (ft.): 28.36
Depth to Free Product: 26.72	Thickness of Free Product (feet): 1.64
Referenced to: PVC Grade	Flow Cell Type: —

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

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	Detected	1.64	SPH	w/ Interface Probe.				
—	No	Simple	taken	—				

Did well dewater? Yes No Amount actually evacuated: _____
 Sampling Time: _____ Sampling Date: _____
 Sample I.D.: _____ Laboratory: _____
 Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____
 Equipment Blank I.D.: _____ @ _____ Duplicate I.D.: _____
Time

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: GMW-63	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 40.24	Depth to Water (ft.): 28.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 0747 Flow Rate: 200mL/min Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0750	18.63	6.53	3259	13	0.53	153.2	600	28.70
0753	18.80	6.59	3235	14	0.50	113.0	1200	28.71
0756	18.98	6.64	3230	15	0.49	81.6	1800	28.71
0759	18.88	6.67	3234	14	0.49	63.5	2400	28.71
0802	18.94	6.67	3230	13	0.47	64.9	3000	28.71
0805	18.95	6.67	3229	12	0.46	58.9	3600	28.71

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

Sampling Time: 0806 Sampling Date: 4-12-11

Sample I.D.: GMW-63 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: Sp	Gauging Date: 4-12-11
Well I.D.: GMW-64	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 40.09	Depth to Water (ft.): 26.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: P31 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0826 Flow Rate: 200 mL/min Pump Depth: 34'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0829	18.72	6.67	3204	10	0.38	24.8	600	26.55
0832	18.83	6.64	3221	8	0.44	15.9	1200	26.55
0835	18.91	6.62	3225	7	0.41	11.2	1800	26.55
0838	18.92	6.61	3231	6	0.39	7.8	2400	26.55
0841	18.93	6.62	3229	6	0.44	6.8	3000	26.55
0844	18.91	6.62	3231	5	0.39	7.4	3600	26.55

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 0845	Sampling Date: 4-12-11
Sample I.D.: GMW-64	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Col
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-521	Client: Parsons
Sampler: 50	Gauging Date: 4-13-11
Well I.D.: 6MW-65	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 40.67	Depth to Water (ft.): 28.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>451 Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0940 Flow Rate: 200 mL/min Pump Depth: 34'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0943	19.8	7.73	2660	15	2.58	57.4	600	28.05
0946	20.1	7.32	2687	14	1.23	46.5	1200	28.06
0949	20.0	<u>7.38</u>	2685	12	0.46	48.8	1800	28.06
0952	20.0	<u>7.34</u>	2690	11	0.21	48.6	2400	28.06
0955	19.9	7.35	2685	11	0.20	44.7	3000	28.06
0958	19.9	7.34	2686	10	0.23	44.0	3600	28.06

Did well dewater? Yes <input type="checkbox"/> <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0959</u>	Sampling Date: <u>4-13-11</u>
Sample I.D.: <u>6MW-65</u>	Laboratory: <u>CalScienc</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>SEE CPL</u>
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-81	Client: Parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: GAW-66	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 40.03	Depth to Water (ft.): 28.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC Grade	Flow Cell Type: YSI 586

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

Start Purge Time: 0916 Flow Rate: 200 mL/min. Pump Depth: 34.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0919	21.60	7.05	2532	11	0.29	2.1	600	28.56
0922	21.69	7.04	2551	11	0.39	-20.4	1200	28.56
0925	21.74	7.02	2559	10	0.41	-34.8	1800	28.57
0928	21.75	7.01	2563	7	0.45	-42.0	2400	28.57
0931	21.74	7.02	2565	6	0.45	-45.0	3000	28.57
0934	21.75	7.02	2566	6	0.43	-47.9	3600	28.57

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 0935	Sampling Date: 4-12-11
Sample I.D.: GAW-66	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: GW-13	Well Diameter (in.): 2 3 4 6 8
Total Well Depth (ft.): 65.98	Depth to Water (ft.): 29.58
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: PSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1204 Flow Rate: 200 mL/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1207	21.8	7.47	1966	11	0.62	-120.3	600	29.61
1210	21.8	7.55	1942	11	0.40	-126.0	1200	29.62
1213	21.8	7.56	1939	9	0.33	-127.0	1800	29.62
1216	21.8	7.58	1948	9	0.29	-127.9	2400	29.62
1219	21.9	7.59	1955	9	0.26	-128.6	3000	29.62
1222	21.9	7.59	1959	8	0.25	-129.2	3600	29.62

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1223	Sampling Date: 4-13-11
Sample I.D.: GW-13	Laboratory: ConScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See lab
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: GW-14	Well Diameter (in.): 2 3 4 <u>6</u> 8
Total Well Depth (ft.): 66.42	Depth to Water (ft.): 27.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1023 Flow Rate: 200 mL/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1026	24.6	7.69	1755	15	1.38	-127.9	600	27.84
1029	24.6	7.88	1775	12	0.92	-147.5	1200	27.84
1032	24.6	8.10	1776	12	0.55	-201.3	1800	27.84
1035	24.6	8.16	1778	11	0.41	-218.1	2400	27.84
1038	24.6	8.19	1781	11	0.38	-223.7	3000	27.84
1041	24.6	8.18	1780	10	0.36	-226.8	3600	27.84

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 3600 mL
Sampling Time: 1042	Sampling Date: 4-15-11
Sample I.D.: GW-14	Laboratory: CalScreen
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>See Coc</u>
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: S	Gauging Date: 4-15-11
Well I.D.: 6w-15	Well Diameter (in.): 2 3 4 <u>6</u> 8
Total Well Depth (ft.): —	Depth to Water (ft.): 26.51
Depth to Free Product: 26.49	Thickness of Free Product (feet): 0.02
Referenced to: PVC Grade	Flow Cell Type: —

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

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	Detected	0.02'	SPH w/	Inter-face	Probe			
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SM	Client: Parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: G-w-16	Well Diameter (in.): 2 3 4 (6) 8
Total Well Depth (ft.): 61.25	Depth to Water (ft.): 28.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1219 Flow Rate: 200mL/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1222	22.46	6.75	3175	17	0.48	-39.9	600	28.60
1225	22.21	6.44	3190	16	0.30	-30.4	1200	28.60
1228	22.26	6.49	3192	17	0.26	-43.9	1800	28.61
1231	22.29	6.45	3193	14	0.25	-45.6	2400	28.61
1234	22.29	6.46	3195	17	0.23	-44.0	3000	28.61
1237	22.27	6.46	3198	16	0.26	-46.4	3600	28.61

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600mL
Sampling Time: 1238	Sampling Date: 4-12-11
Sample I.D.: G-w-16	Laboratory: CalSci Inc
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <input checked="" type="checkbox"/> See Cap
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parson
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: MW-13	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 52.40	Depth to Water (ft.): 29.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</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 _____
 Start Purge Time: 1001 Flow Rate: 200 mL/min Pump Depth: 31'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1004	21.43	7.15	2160	6	0.20	-11.3	600	29.96
1007	21.57	7.07	2236	4	0.19	-27.7	1200	29.96
1010	21.60	7.04	2243	3	0.18	-34.8	1800	29.96
1013	21.59	7.03	2246	3	0.19	-49.0	2400	29.96
1016	21.62	7.03	2248	3	0.17	-52.2	3000	29.96
1019	21.60	7.03	2248	2	0.17	-56.2	3600	29.96

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1020</u>	Sampling Date: <u>4-12-11</u>
Sample I.D.: <u>MW-13</u>	Laboratory: <u>CalSci Inc</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>see COP</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-501	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: MW-14	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 51.90	Depth to Water (ft.): 31.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1044 Flow Rate: 200 mL/min. Pump Depth: 41.5' 39.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1047	21.6	6.70	1500	8	0.74	-119.0	600	31.33
1050	21.6	6.69	1506	4	0.63	-125.5	1200	31.33
1053	21.6	6.69	1513	4	0.49	-127.8	1800	31.33
1056	21.7	6.69	1516	3	0.33	-129.8	2400	31.33
1059	21.6	6.69	1513	3	0.29	-130.7	3000	31.33
1102	21.6	6.69	1515	2	0.28	-131.8	3600	31.33

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1103	Sampling Date: 4-13-11
Sample I.D.: MW-14	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Col
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: MW-16	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 50.91	Depth to Water (ft.): 27.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 951556

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

Start Purge Time: 1044 Flow Rate: 200 mL/min. Pump Depth: 39.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1047	23.39	6.55	1983	5	0.14	-7.7	600	27.95
1050	23.44	6.51	1973	5	0.14	-5.4	1200	27.95
1053	23.52	6.50	1963	4	0.14	-5.7	1800	27.95
1056	23.53	6.50	1944	4	0.14	-7.5	2400	27.95
1059	23.54	6.50	1923	5	0.16	-9.5	3000	27.95
1102	23.55	6.51	1913	4	0.17	-11.3	3600	27.95

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

Sampling Time: 1103 Sampling Date: 4-12-11

Sample I.D.: MW-16 Laboratory: CalSci Inc.

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Col

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-sp1	Client: Parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: MW-17	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 52.01	Depth to Water (ft.): 28.84
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 _____
 Start Purge Time: 1128 Flow Rate: 200mL/min. Pump Depth: 38.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1131	22.36	6.85	2554	17	2.12	7.2	600	28.86
1134	22.31	6.80	2553	15	1.94	4.1	1200	28.86
1137	22.35	6.77	2551	11	1.73	2.9	1800	28.86
1140	22.34	6.74	2549	9	1.62	3.7	2400	28.86
1143	22.37	6.74	2546	9	1.58	5.5	3000	28.86
1146	22.38	6.75	2543	8	1.60	7.6	3600	28.86

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600mL
Sampling Time: 1147	Sampling Date: 4-12-11
Sample I.D.: MW-17	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COL
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: MW-22(MID)	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 57.62	Depth to Water (ft.): 33.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0733 Flow Rate: 200 mL/min Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0736	20.8	7.10	2257	7	1.03	-99.8	600	33.47
0739	21.0	7.12	2269	6	1.40	-106.9	1200	33.47
0742	21.0	7.12	2268	6	1.65	-109.5	1800	33.47
0745	21.1	7.12	2260	5	1.65	-111.3	2400	33.47
0748	21.0	7.12	2260	4	1.68	-111.6	3000	33.47
0751	21.0	7.13	2256	4	1.70	-111.3	3600	33.47

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 0752	Sampling Date: 4-14-11
Sample I.D.: MW-22 (MID)	Laboratory: CalScienc
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SPI	Client: Parsons
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: MW-23(M10)	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 57.07	Depth to Water (ft.): 31.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1053 Flow Rate: 200 mL/min Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1056	22.4	8.28	1277	4	2.25	-138.3	600	31.52
1059	22.3	8.22	1298	5	0.76	-148.5	1200	31.52
1102	22.2	8.15	1334	5	0.51	-151.0	1800	31.52
1105	22.3	7.93	1344	5	0.45	-154.5	2400	31.52
1108	22.3	7.90	1364	4	0.39	-159.4	3000	31.52
1111	22.3	7.89	1380	5	0.37	-162.3	3600	31.52

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 L</u>
Sampling Time: <u>1112</u>	Sampling Date: <u>4-14-11</u>
Sample I.D.: <u>MW-23(M10)</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See Col</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-spi	Client: Parsons
Sampler: sp	Gauging Date: 4-13-11
Well I.D.: mw-24	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 47.14	Depth to Water (ft.): 31.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI Pro Plus</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0856 Flow Rate: 200mL/min. Pump Depth: 39'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0859	21.3	7.32	1328	5	0.76	40.7	600	31.03
0902	21.4	7.30	1330	5	0.65	36.1	1200	31.03
0905	21.3	7.38	1329	4	0.63	33.4	1800	31.03
0908	21.4	7.37	1330	4	0.58	30.2	2400	31.03
0911	21.4	7.37	1328	4	0.62	29.5	3000	31.03
0914	21.3	7.36	1326	3	0.61	28.9	3600	31.03

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600mL</u>
Sampling Time: <u>0915</u>	Sampling Date: <u>4-13-11</u>
Sample I.D.: <u>mw-24</u>	Laboratory: <u>CalScience</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>See CO2</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: parsons
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: mw-25	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 47.12	Depth to Water (ft.): 31.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSL 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1401 Flow Rate: 200 mL/min Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1404	22.23	7.96	3892	13	0.82	-59.0	600	31.68
1407	22.17	7.74	3908	11	0.63	-48.4	1200	31.68
1410	22.16	7.69	3917	8	0.69	-40.5	1800	31.68
1413	22.11	7.64	3925	6	0.72	-35.6	2400	31.68
1416	22.13	7.64	3934	6	0.68	-33.7	3000	31.68
1419	22.10	7.65	3941	5	0.71	-30.6	3600	31.68

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1420	Sampling Date: 4-12-11
Sample I.D.: MW-25	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Col
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-13-11
Well I.D.: MW-26	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 46.84	Depth to Water (ft.): 29.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

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

Start Purge Time: 0813 Flow Rate: 200 mL/min. Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0816	19.5	6.93	908	10	4.67	-40.3	600	29.65
0819	19.5	6.90	914	10	3.93	-50.0	1200	29.65
0822	19.6	6.90	930	9	3.83	-60.2	1800	29.65
0825	19.5	6.90	952	8	3.73	-69.9	2400	29.65
0828	19.7	6.89	956	8	3.76	-71.7	3000	29.65
0831	19.6	6.89	961	7	3.74	-72.4	3600	29.65

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

Sampling Time: 0832 Sampling Date: 4-13-11

Sample I.D.: MW-26 Laboratory: CalScienc

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parson
Sampler: SP	Gauging Date: 4-12-11
Well I.D.: MW-27	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 52.00	Depth to Water (ft.): 29.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSL 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1318 Flow Rate: 200mL/min Pump Depth: 31'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1321	22.63	7.16	3424	15	2.06	-76.4	600	29.81
1324	22.57	7.05	3475	12	1.75	-90.5	1200	29.81
1327	22.53	7.01	3479	10	1.45	-96.8	1800	29.81
1330	22.52	7.04	3481	10	1.09	-99.7	2400	29.81
1333	22.50	7.03	3479	9	1.04	-102.3	3000	29.81
1336	22.49	7.01	3478	9	1.01	-104.5	3600	29.81

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600mL
Sampling Time: 1337	Sampling Date: 4-12-11
Sample I.D.: MW-27	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parson
Sampler: SP	Gauging Date: 4-14-11
Well I.D.: PZ-3	Well Diameter (in.): ② 3 4 6 8
Total Well Depth (ft.): 57.32	Depth to Water (ft.): 27.77
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Pq

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

Start Purge Time: 1005 Flow Rate: 200 mL/min Pump Depth: 42'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1008	23.3	8.20	1245	17	0.37	-121.4	600	27.81
1011	23.4	8.14	1258	10	0.25	-141.6	1200	27.82
1014	23.4	8.17	1252	11	0.25	-160.6	1800	27.83
1017	23.5	8.12	1254	11	0.22	-162.4	2400	27.83
1020	23.4	8.14	1246	10	0.20	-163.6	3000	27.83
1023	23.4	8.15	1243	10	0.19	-167.4	3600	27.83

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

Sampling Time: 1024 Sampling Date: 4-14-11

Sample I.D.: PZ-3 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See CAC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-81	Client: Parsons
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: TF-16	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 60.13	Depth to Water (ft.): 26.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1104 Flow Rate: 200 mL/min. Pump Depth: 43'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1107	26.4	7.66	1913	10	0.94	-161.5	600	27.02
1110	26.4	7.53	1902	8	0.65	-179.3	1200	27.02
1113	26.5	7.36	1900	7	0.46	-184.7	1800	27.02
1116	26.4	7.30	1899	6	0.40	-193.5	2400	27.02
1119	26.4	7.31	1892	6	0.38	-195.6	3000	27.02
1122	26.4	7.30	1890	5	0.35	-200.1	3600	27.02

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1123	Sampling Date: 4-15-11
Sample I.D.: TF-16	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Coc
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110411-SP1	Client: Parsons
Sampler: SP	Gauging Date: 4-15-11
Well I.D.: TF-21	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 59.64	Depth to Water (ft.): 26.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1146 Flow Rate: 200ml/min Pump Depth: 43'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1149	24.9	7.69	2187	17	1.12	-200.2	600	26.14
1152	24.7	7.77	2182	15	0.90	-210.9	1200	26.14
1155	25.0	7.54	2199	13	0.63	-212.5	1800	26.14
1158	24.9	7.43	2193	12	0.54	-206.8	2400	26.14
1201	24.8	7.45	2184	11	0.49	-202.9	3000	26.14
1204	24.9	7.45	2188	11	0.46	-204.8	3600	26.14

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600ml
Sampling Time: 1205	Sampling Date: 4-15-11
Sample I.D.: TF-21	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CAC
Equipment Blank I.D.: @	Duplicate I.D.:

WELLHEAD INSPECTION CHECKLIST

Client Parsons Date 4-11-11

Site Address DFSP Newark

Job Number 110411-SP1 Technician SP

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		Stand pipe							
Exp-2	X		Stand pipe							
Exp-3	X		Stand pipe							
GMW-12	X	X	X							
GMW-31		X	X	(2 of 2 bolts missing)						
GMW-41	X	X	X							
GMW-43	X	X	X							
GMW-44	X	X	X							
GMW-57		X	X	(2 of 2 bolts missing)						
GMW-63	X	X	X							
GMW-64	X	X	X							
GMW-66	X	X	X							
HW-13	X		Stand pipe							
HW-16	X		Stand pipe							
HW-17	X		Stand pipe							
GW-16			Vault	(4 of 4 bolts missing)						

NOTES: _____

WELLHEAD INSPECTION CHECKLIST

Client Parsons Date 4-11-11

Site Address DFSP Newark

Job Number 110411-SP1 Technician SP

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
MW-27	X		Stand pipe							
MW-25	X		Stand pipe							
MW-26	X		Stand pipe							
MW-24	X		Stand pipe							
GMW-65	X	X	X							
MW-14	X		Stand pipe							
GMW-16			Unable to locate/access well							
GW-6			vault	(4 of 4 bolts missing)						
GW-13			vault	(3 of 3 bolts missing / Pump in well)						
GMW-19			Unable to locate/access well							
GMW-58			vault	(4 of 4 bolts missing / Pump in wellbox)						
GMW-06	X	X	X							
MW-22 MID	X		Stand pipe							
GMW-32		X	X	(2 of 2 bolts missing)						
GMW-15		X	X	(2 of 2 bolts missing)						
PZ-3		X	X	(2 of 2 bolts missing)						

NOTES:

WELLHEAD INSPECTION CHECKLIST

Client Parsons Date 4-11-11
 Site Address DFSP Norwalk
 Job Number 110411-SP1 Technician SP

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
Mw-23 MID	X		Stand pipe							
GMW-45				(outer casing of well is broken/cracked)						
GMW-61		X	X	(2 of 2 bolts missing)						
GMW-47		X	X	(2 of 2 bolts missing)						
GMW-59			Vault	(4 of 4 bolts missing)						
GMW-60	X	X	X							
GMW-17		X	X	(2 of 2 bolts missing)						
GMW-62	X	X	X							
GMW-56		X	X	(wellbox cracked / rim detached)				(no bolts (2 of 2))		
GMW-15			Vault	(Ext. pump in well / 3 of 3 bolts missing)						
GMW-14			Vault	(3 of 3 bolts missing)						
TF-16			Vault	(4 of 4 bolts missing)						
TF-21			Vault							

NOTES: _____

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME		PROJECT NUMBER					
415003 O N0104K		110411-SP1					
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
41 556	675 #1	4-11-11 0725	4.00 10.00 7.00 PH	4.08 10.02 6.98	Yes	15.4 15.6 15.3	SP
↓	↓	↓	3900M Cond.	3940M	Yes	15.2	SP
↓	↓	↓	244mV DC P 100% DO	244.9mV 100%	Yes	15.0	SP
41 555	675 #1	4-12-11 0635	4.00 10.00 7.00 PH	4.09 10.05 7.12	Yes	19.2 19.6 19.4	SP
↓	↓	↓	3900M Cond.	3986m	Yes	19.0	SP
↓	↓	↓	2375mV DC P 100% DO	235.7 100%	Yes	18.9 18.9	SP
41 558	675 #1 10E102054	4-13-11 0800	4.00 10.00 7.00 PH	4.06 10.05 6.98	Yes	15.0 15.2 15.2	SP
↓	↓	↓	3900M Cond.	3876m	Yes	15.5	SP
↓	↓	↓	244mV DC P 100% DO	242.6mV 100%	Yes	15.5 15.4	SP
41 559	10E102054	4-14-11 0700	4.00 10.00 7.00 PH	3.92 10.12 6.91	Yes	15.6 15.8 15.6	SP
↓	↓	↓	3900M Cond.	3834m	Yes	15.6	SP
↓	↓	↓	244mV DC P 100% DO		Yes	15.9 15.8	SP

