APPENDIX B

Well Gauging, Purging, and Sampling Records
October 2011 Semiannual Event

DFSP Norwalk Quarterly GWM -October 2011
Gauging Data

Well No.	Date	Time	DTP	DTW	Notes
EXP-1	10-6-11	1220		54.13 MG	
EXP-2	10-6-11	1023		54.26	
EXP-3	10-6-11	1202	Sheen	53.23 MG	
GMW-5	10-6-11	1341		30.16	
GMW-6	10-6-11	1346		29.62	
GMW-12	10-7-11	0948		27.25	
GMW-15	10-6-11	1336		28.53	
GMW-16	10-6-11	1102		29.48	
GMW-17	10-6-11	1252		26.20	
GMW-19	10-6-11	1355		29.06	TD 46.58 open well surface completion missing
GMW-21	10-6-11	MG 1325 ~~1303~~		MG 28.41 ~~28.87~~	soak case sock in well
GMW-31	10-6-11	1303		28.87	
GMW-32	10-6-11	1325		26.71 MG	
GMW-33	10-6-11	1304		— MG	Damaged Well Not able to record.
GMW-41	10-6-11	1236		26.61	
GMW-43	10-6-11	1412		26.65	
GMW-44	10-6-11	1418		26.91	
GMW-45	10-7-11	0852		28.22	
GMW-47	10-6-11	1043	Sheen	28.41 MG	
GMW-48	10-6-11	1230		26.55 MG	
GMW-56	10-7-11	0846		28.98	
GMW-57	10-6-11	1050		29.12 MG	
GMW-58	10-6-11	1245		27.11 MG	
GMW-59	10-6-11	1225		26.35 MG	

27.97
1325

DFSP Norwalk Quarterly GWM -October 2011
Gauging Data

Well No.	Date	Time	DTP	DTW	Notes
GMW-60	10-6-11	1022		28.65 MG	
GMW-61	10-6-11	1017		27.92 MG	
GMW-62	10-6-11	1002	28.45	29.39 MG	
GMW-63	10-6-11	0942		29.63 MG	
GMW-64	10-6-11	0949		27.86 MG	
GMW-65	10-6-11	0956		29.18 MG	
GMW-66	10-6-11	1029		29.48 MG	
GW-1	10-7-11	0742		28.71	
GW-2	10-6-11	1014		28.47	
GW-3	10-6-11	1019		28.65	
GW-4	—				Pumpin well, unable to measure - no access
GW-5	10-6-11	1043		29.58	
GW-6	10-6-11	1315		28.88	
GW-7	10-6-11	1308		27.50	
GW-8	10-6-11	1052		28.76	
GW-13	10-6-11	1005		29.64	
GW-14	10-6-11	1402		28.93 MG	
GW-15	10-6-11	1252	28.38	28.40 MG	
GW-16	10-6-11	1259		29.34 MG	
MW-10	10-6-11	1049		31.71	
MW-13	10-6-11	1036		30.78 MG	
MW-14	10-6-11	1009		31.31	
MW-16	10-6-11	1318		28.95 MG	
MW-17	10-6-11	1214		30.17 MG	

DFSP Norwalk Quarterly GWM -October 2011
Gauging Data

Well No.	Date	Time	DTP	DTW	Notes
MW-22 (MID)	10-6-11	0944		33.57	
MW-23(MID)	10-6-11	1109		32.03	
MW-24	10-6-11	1028		31.26	
MW-25	10-6-11	0942		31.78	
MW-26	10-6-11	0952		29.88	
MW-27	10-6-11	0958		30.60	
MW-29	10-6-11	1427		31.30 MG	
PZ-3	10-7-11	0830		28.46	
TF-8	10-7-11	0755		27.18	
TF-9	10-7-11	0800		NM	Bee hive in well box
TF-10	10-6-11	1240		25.54	
TF-11	10-6-11	1259		26.07	
TF-13	10-7-11	0839		27.63	
TF-14	10-6-11	1407		26.41	
TF-15	10-6-11	1423		26.81	
TF-16	10-7-11 ~~10-6-11~~	1004 ~~1407~~		28.10 ~~MG~~	
TF-17	10-6-11	1422 0744 MG		27.07 MG	
TF-18	10-6-11	1422 ~~1342~~ MG	25.95	25.97 MG	
TF-19	10-6-11	1334 12 MG		27.00 MG	
TF-20	10-6-11	1343 34 MG		28.05 MG	
TF-21	10-6-11	1343 MG		27.23 MG	
TF-22	10-6-11	1349		26.95 MG	
TF-23	10-6-11	1356		27.34 MG	
TF-24	10-7-11	0749		28.98	

DFSP Norwalk Quarterly GWM -October 2011
Gauging Data

Well No.	Date	Time	DTP	DTW	Notes
TF-25	10-7-11	0832		27.27	
TF-26	10-6-11	1329		22.97	
WCW-1	10-6-11	0823		24.57 MG	
WCW-2	10-6-11	0928		27.54 MG	
WCW-4	10-6-11	0913		30.96 MG	
WCW-5	10-6-11	0816		25.18 MG	
WCW-6	10-6-11	0808		27.62 MG	
WCW-8	10-6-11	0754		30.27 MG	
WCW-9	10-6-11	0742		30.82 MG	
WCW-10	10-6-11	0840		25.41 MG	
WCW-11	10-6-11	0851		27.11 MG	
WCW-12	10-6-11	0858		28.55 MG	
WCW-14	10-6-11	0906		31.57 MG	

10/2

BLAINE TECH SERVICES, INC.

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

CHAIN OF CUSTODY

CLIENT: Parsons

SITE: Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience PM: Ranjit Clark

DHS #

ALL ANALYSES MUST MEET
☐ EPA ☐ LUA ☐ OTHER ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice and Report to:

Parsons - Mary Lucas (mary.lucas@parsons.com)

100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
B-01	10/10/11	0800	W	2	VOA	X		X				
XP-3		0813		7	VOA/amber	X	X	X				
XP-1		0859		7		X	X	X				
XP-2		0955		7		X	X	X				
MW-6		1039		4		X	X					
MW-15		1143		4		X	X					
MW-12		1200		4		X	X					
MW-16		1245		4		X	X					
MW-17		1321		7		X	X	X				
MW-17dup		—		4		X	X					

SAMPLING COMPLETED: DATE 10/10/11 TIME

SAMPLING PERFORMED BY: M. Hanna

RESULTS NEEDED NO LATER THAN: Standard

		DATE	TIME		DATE	TIME
RELEASED BY: M. Hanna				RECEIVED BY:		
RELEASED BY:				RECEIVED BY:		
RELEASED BY:				RECEIVED BY:		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

2 of 2

BLAINE
TECH SERVICES, INC.

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

CHAIN OF

CLIENT: Parsons

SITE: Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience PM: Ranjit Clark

DHS #

ALL ANALYSES MUST MEET
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- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice and Report to:

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100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-19	10/10/11	1405	W	4	VOA/Amber	X	X								
GMW-31	10/10/11	1440	W	4	↓	X	X								

SAMPLING COMPLETED — DATE: 10/10/11 — TIME:

SAMPLING PERFORMED BY: MattHouser

RESULTS NEEDED NO LATER THAN: Standard

	DATE	TIME		DATE	TIME
RELEASED BY: MattHouser			RECEIVED BY		
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

1 of 2

BLAINE TECH SERVICES, INC.

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CHAIN OF CUSTODY

CLIENT: Parsons

SITE: Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience PM: Ranjit Clark

DHS #

ALL ANALYSES MUST MEET
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice and Report to:

Parsons - Mary Lucas (mary.lucas@parsons.com)

100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-02	10/11/11	0730	W	2	VOA	X						
MW-41	"	0749	"	4	VOA Amber	X	X					
MW-43	"	0824	"	4	"	X	X					
MW-44	"	0854	"	4	"	X	X					
MW-45	"	0930	"	4	"	X	X					
MW-47	"	1017	"	4	"	X	X					
MW-57	"	1054	"	4	"	X	X					
MW-58	"	1207	"	4	"	X	X					
MW-59	"	1239	"	7	"	X	X	X				
MW Dup	10/11/11	—	W	4	VOA Amber	X	X					

RESULTS NEEDED NO LATER THAN: Standard

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	10/11/11	1500	

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	10/11/11	1530			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

7012

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY

CLIENT: Parsons

SITE: Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience PM: Ranjit Clark

DHS #

ALL ANALYSES MUST MEET
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice and Report to:

Parsons - Mary Lucas (mary.lucas@parsons.com)

100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL	CONTAINERS	VOC's (Including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-100	10/11/11	1359	W	7	VOC/amber	X	X	X				
GMW-101	↓	1435	W	7	↓	X	X	X				
GMW-101dup	↓	—	W	4	↓	X	X					

RESULTS NEEDED NO LATER THAN: Standard

	DATE	TIME		
SAMPLING COMPLETED	10/11/11	1500	SAMPLING PERFORMED BY	Matt Houser
RELEASED BY			RECEIVED BY	
RELEASED BY			RECEIVED BY	
RELEASED BY			RECEIVED BY	
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

DATE 10/11/11 TIME 1530 RECEIVED BY

DATE TIME

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TECH SERVICES, INC.

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CHAIN OF

CLIENT Parsons

SITE Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience

DHS #

ALL ANALYSES MUST MEET

☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

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Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX S = Soil W = H2O	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)					ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-03	10/12/11	0800	W	2	VO2	X										
GMW-05		0805		4	VO2 Amber	X	X									
MW-04		0839				X	X									
GMW-03		0906				X	X									
MW-06		0958				X	X									
GW-6		1056				X	X									
MW-13		1203				X	X									
MW-14		1239				X	X									
MW-16		1331				X	X									
GMW-32	10/12/11	1431	W	4	VO2 Amber	X	X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	10/12/11	1530	Matt Houser

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Matt Houser				10/12/11	1530
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

BLAINE
TECH SERVICES, INC.

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

CHAIN OF

CLIENT Parsons

SITE Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience

DHS #

ALL ANALYSES MUST MEET
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

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Invoice and Report to:

Parsons - Mary Lucas (mary.lucas@parsons.com)

100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil, W = H2O)	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-04	10/12/11	0730	W	2	VOA	X						
MW-17		0859	W	4	VOA/Amber	X	X					
MW-22(MID)		0848	W	4		X	X					
MW-25		0917	W	4		X	X					
MW-26		1020	W	4		X	X					
MW-27		1104	W	4		X	X					
MW-24		1151	W	4		X	X					
MW-23(MID)		1232	W	4		X	X					
WCW-6		1320	W	4		X	X					
WCW-2	↓	1416	W	4	↓	X	X					

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	10/13/11	1530	MATTHOUSER

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
MATTHOUSER	10/13/11	1545			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

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CHAIN OF

CLIENT Parsons

SITE Norwalk GWM

CONDUCT ANALYSIS TO DETECT

LAB: Calscience

DHS #

ALL ANALYSES MUST MEET
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice and Report to:

Parsons - Mary Lucas (mary.lucas@parsons.com)

100 W Walnut St., Pasadena, CA 91124 (626) 440-6032

Project # 746442

SAMPLE I.D.	DATE	TIME	MATRIX S = Soil W = H2O	CONTAINERS TOTAL		VOC's (including BTEX, MTBE, TBA, EPA 8260)	TPH as JP5 (8015)	TPHg (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-1	10/14/11	0730	W	2	VOA	X						
P2-3	"	0933	"	4	VOA/Amber	X	X					
wcw-4	"	0917	"	4	"	X	X					
wcw-5	"	1105	"	4	"	X	X					
wcw-dup	"	—	"	4	"	X	X					
wcw-8	"	1010	"	4	"	X	X					
wcw-12	"	0934	"	4	"	X	X					
wcw-19	10/14/11	0952	W	4	↓	X	X					

RESULTS NEEDED NO LATER THAN: Standard

	DATE	TIME	
SAMPLING COMPLETED	10/14/11	1200	SAMPLING PERFORMED BY: Matt Hougen
RELEASED BY: Matt Hougen			RECEIVED BY
RELEASED BY			RECEIVED BY
RELEASED BY			RECEIVED BY

DATE	TIME
10/14/11	1300
DATE	TIME
DATE	TIME

DATE	TIME
DATE	TIME
DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 111010-MTH Date 10/10/11 Client Parsons @ Newalk

Site Former Norwalk Bld 5 Excelsior Dr.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
EXP-3	0721	4					52.74	123.00		10/10
EXP-1	0830	4					53.75	128.38		
EXP-2	0924	4					53.21	128.16		
GMW-6	1018	4					29.60	49.77		sheen
GMW-15	1052	4					28.51	49.55		sheen
GMW-12	1140	4					27.15	48.76		sheen
GMW-16	1221	4					29.28	49.76		sheen
GMW-17	1300	4					26.10	49.40		sheen
GMW-19	1339	4					28.83	49.16		sheen
GMW-31	1420	4					28.04	65.97		sheen
GMW-41	0728	4					26.53	49.96		sheen 10/1
GMW-43	0800	4					26.58	50.21		sheen
GMW-44	0834	4					26.82	49.90		sheen
GMW-45	0910	4					28.02	49.81		sheen
GMW-47	0957	4					28.36	50.33		sheen
GMW-57	1036	4					2889	54.00		sheen
GMW-58	1140	4					26.90	54.20		sheen

WELL GAUGING DATA

Project # 111016-mth Date 10/11/11 Client Parsons @ Newark

Site Newark Road & Excelsior Dr.

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
GMW-59	1217	4					26.15	54.16		Stinger 10/11
GMW-60	1556	4					28.34	40.00		Stinger
GMW-61	1408	4					27.60	49.63		Stinger
GMW-62	0709	4	ODOR	28.18	0.50	—	29.01	—		Stinger 10/12
GMW-65	0739	4					28.95	40.73		
GMW-64	0816	4					27.60	40.09		Stinger
GMW-63	0817	4					29.44	40.20		Stinger
GMW-66	0930	4					29.24	40.00		
GW-6	1030	4					28.78	61.76		Stinger
MW-13	1130	4					30.50	52.40		Stinger
MW-14	1215	4					31.20	51.82		Stinger
MW-16	1300	4					28.63	51.00		Stinger
GMW-32	1400	4					26.52	51.50		Stinger 10/11
MW-17	0725	4					29.83	52.00		Stinger
MW-22(MW15)	0830	4					33.35	57.62		Stinger
MW-24	0840	4					32.00	47.10		Stinger
MW-26	0958	4					29.90	46.88		Stinger

WELL GAUGING DATA

Project # 116010-MA11 Date 11/10/11 Client Parsons Monrovia

Site Monrovia Blvd & Excelsior Dr.

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-27	1040	4					31.30	52.00		Stinger 10/13
MW-24	1115	4					31.18	47.00		Stinger
MW-23(MW-1R) MW-25(MW-2R)	1210	4					31.60	57.57		Stinger
WCW-6	1246	4					27.40	51.49		Stinger
WCW-2	1349	4					27.52	53.45		Stinger
PZ-8	0910	2					26.00	57.03		10/14
WCW-4	0955	4					29.90	51.80		Stinger
WCW-12	0834	4					31.60	~~58.88~~ 60.26		Stinger
WCW-12	0912	4					29.46	60.24		Stinger
WCW-8	0950	4					3030	~~51.40~~		~~Stinger~~
WCW-5	1090	4					25.04	~~51.20~~		~~Stinger~~

WELLHEAD INSPECTION CHECKLIST

Date 10/10/11

Client Parsons @ Norwalk

Site Address Norwalk Blvd & Excelsior

Technician [illegible]

Job Number 110010-MH1

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-3	Stand Pipe									
EXP-1	↓									
EXP-2	↓									
GMW-6	EMCO	1 bolt; broken lid tab								
GMW-15	Emco	no bolts; cracked apron								
GMW-12	Broken	Emco lid								
GMW-16	no bolts									
GMW-17	no bolts									
GMW-19	PVC sticking out	of ground								
GMW-31	Emco no bolts									
GMW-41	✓	✓	✓							
GMW-43	✓	✓	✓							
GMW-44	✓	✓	✓							
GMW-45	Broken	well box; lid	sit 2 screw							
GMW-47	~~no bolts~~									
GMW-57	✓	✓	✓							
GMW-58	vault	lid								

NOTES:

WELLHEAD INSPECTION CHECKLIST

Client Parsons @ Norwalk Date 10/11/11

Site Address Norwalk Mud & Excelsior Dr.

Job Number 111010-MH1 Technician MH

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
GMW-59	Vault									
GMW-60	✓	✓	✓							
GMW-61	✓	✓	✓							
GMW-62	✓	✓	✓							
GMW-63	✓	✓	✓							
GMW-64	✓	✓	✓							
GMW-65	✓	✓	✓							
GMW-66	✓	✓	✓							
GW-2	VAULT	Lid: no bolts								
MW-13	Stand	Pipe w/ Gravel	Post							
MW-14	Stand	Pipe w/ Gravel	Post							
MW-16	Stand	Pipe w/ Gravel	Post							
GMW-32	No well box; Dirt inside well box									
MW-17	Stand	Pipe w/ Gravel	Post							
MW-22 (MW-D)		↓		↓						
MW-25		↓		↓						
MW-26		↓								

NOTES:

WELLHEAD INSPECTION CHECKLIST

Client Parsons @ Norwalk Date 11/10/11

Site Address Norwalk Blvd & Excelsior Dr.

Job Number 111110-MH1 Technician MH

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	Stand pipe	w/ Gannas	Post							
MW-24	↓		↓							
MW-23(MID)	↓		↓							
WCW-6	two Stripped	tabs —								
WCW-2	✓	✓	✓							
PZ-3	- well	box damaged								
WCW-4	✓	✓	✓							
WCW-14	✓	✓	✓							
WCW-12	✓	✓	✓							
WCW-8	✓	✓	✓							
WCW-5	-1 strip	bolt								

NOTES:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons Newark
Sampler: M. Hanse	Gauging Date: 10/10/11
Well I.D.: EXP-1	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 128.28	Depth to Water (ft.): 53.75
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: 0840 Flow Rate: 300 ml/min Pump Depth: 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.)
0843	21.53	7.37	1042	8	2.00	-102.0	900	53.81
0846	21.58	7.36	1047	6	2.38	-105.0	1800	53.81
0849	21.90	7.34	1072	4	1.80	-100.6	2700	53.81
0852	22.10	7.33	1091	4	1.27	-89.2	3600	53.81
0855	22.24	7.32	1097	4	1.25	-88.6	4500	53.81
0858	22.26	7.32	1099	4	1.24	-88.6	5400	53.81
0859	- Parameters Stable ; Collect Sample -							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 0859 Sampling Date: 10/10/11

Sample I.D.: ~~EXP-1~~ EXP-1 Laboratory: Calscience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: SPLP ; VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: P 111010-MH1	Client: Parsons @ Newark
Sampler: Matthew	Gauging Date: 10/10/11
Well I.D.: EXP-2	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 128.16	Depth to Water (ft.): 53.21
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: 0952 Flow Rate: 300 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.)
0939	22.29	7.16	1535	6	2.74	-124.9	900	53.30
0942	22.00	7.14	1602	6	1.16	-100.2	1800	53.30
0945	21.86	7.13	1669	6	1.09	-98.6	2700	53.30
0948	21.82	7.13	1602	5	0.98	-92.9	3600	53.30
0951	21.82	7.14	1608	5	0.97	-91.8	4500	53.30
0954	21.83	7.14	1600	5	0.99	-91.6	5400	53.30
0955	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 0955 Sampling Date: 10/10/11

Sample I.D.: EXP-2 Laboratory: CalScience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: TPH, VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 116010 mth	Client: Parsons @ Newark
Sampler: M Hunter	Gauging Date: 10/10/11
Well I.D.: EXP-3	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): ~~123.00~~ 123.00	Depth to Water (ft.): 52.74
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) | Other ___

Sampling Method: Dedicated Tubing | New Tubing

Start Purge Time: 0757 | Flow Rate: 300 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.)
0800	20.16	7.28	969	12	2.22	297	900	53.00
0803	20.14	7.30	972	10	2.16	236	1800	53.00
0806	20.60	7.32	998	7	2.28	257	2700	53.00
0809	20.64	7.33	1005	7	2.34	263	3600	53.00
0812	20.66	7.33	1011	7	2.36	268	4500	53.00
0813	Pressure Lost Stable collect sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0813 Sampling Date: 10/10/11

Sample I.D.: EXP-3 Laboratory: Calscience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 11610.MM1	Client: Parsons @ Rosamond
Sampler: Matthew	Gauging Date: 10/10/11
Well I.D.: GMW-6	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 49.77	Depth to Water (ft.): 29.60
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: 1023 Flow Rate: 300 ml/min Pump Depth: 39.9'

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	22.96	7.17	1010	16	2.86	-46.1	900	29.63
1029	22.95	7.15	1144	9	1.92	-59.1	1800	29.66
1032	22.93	7.15	1173	7	1.16	-62.9	2700	29.66
1035	22.92	7.15	1175	6.1	1.11	-63.6	3600	29.66
1038	22.92	7.15	1176	6	1.09	-64.1	4500	29.66
1039	Parameters stable; collect sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1039 Sampling Date: 10/10/11

Sample I.D.: GMW-6 Laboratory: Calscience

Analyzed for: ~~TPH-G~~ BTEX MTBE TPH-D Other: SPS; VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: [illegible]	Gauging Date: 10/10/11
Well I.D.: GMW-12	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 48.76	Depth to Water (ft.): 27.15
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: 1149 Flow Rate: 300 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.)
1152	24.12	6.70	1610	8	1.32	-8.4	900	27.20
1155	24.06	6.70	1612	6	1.17	-5.9	1800	27.25
1158	24.05	6.70	1617	6	0.99	-3.8	2700	27.23
1201	24.03	6.70	1617	4	0.88	-2.1	3600	27.23
1204	24.00	6.70	1619	4	0.86	-1.8	4500	27.25
1207	24.00	6.70	1620	4	0.86	-2.2	5400	27.23
1208 — Parameters			Stable;	collect	Sample			

Did well dewater? Yes (No)	Amount actually evacuated: 5400 mL
Sampling Time: 1208	Sampling Date: 10/10/11
Sample I.D.: GMW-12	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: JP5; VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH	Client: Parsons @ Norwalk
Sampler: M. Hanson	Gauging Date: 10/10/11
Well I.D.: GMW-15	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 49.55	Depth to Water (ft.): 28.51
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: 1102 Flow Rate: 300 mL/min Pump Depth: 39.2'

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.)
1105	24.16	6.96	1065	5	1.92	-36.5	900	28.60
1108	24.11	6.95	1062	4	1.40	-30.3	1800	28.60
1111	24.11	6.95	1062	4	1.48	-29.6	2700	28.60
1114	24.13	6.95	1060	4	1.50	-29.4	3600	28.60
1117	24.15	6.95	1060	4	1.51	-29.1	4500	28.60
1118	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1118 Sampling Date: 10/10/11

Sample I.D.: GMW-15 Laboratory: Cascade

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs + 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: MHtner	Gauging Date: 10/10/11
Well I.D.: GMW-16	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 49.76	Depth to Water (ft.): 29.28
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: 1229 Flow Rate: 300 mL/min 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.)
1232	22.46	7.17	939	11	1.62	7.9	900	29.31
1235	22.23	7.16	928	8	1.00	8.1	1800	29.31
1238	22.19	7.16	925	6	0.92	7.2	2700	29.31
1241	22.17	7.16	922	6	0.92	7.1	3600	29.31
1244	22.17	7.16	923	6	0.90	7.3	4500	29.31
1245 — Parameters stable; collect sample —								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1245	Sampling Date: 10/10/11
Sample I.D.: GMW-16	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: HPS ? VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH	Client: Parsons @ Newark
Sampler: M. Hanse	Gauging Date: 10/10/11
Well I.D.: GMW-17	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 49.40	Depth to Water (ft.): 26.10
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: 1305 Flow Rate: 300 mL/min Pump Depth: 38.6'

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.)
1308	23.47	6.54	1055	6	0.97	-120.7	900	26.13
1311	23.49	6.54	1056	5	0.96	-121.3	1800	26.14
1314	23.52	6.53	1056	4	0.96	-122.5	2700	26.14
1317	23.52	6.53	1057	4	0.90	-120.6	3600	26.14
1320	23.53	6.53	1058	4	0.89	-121.3	4500	26.14
1321 - Parameters Stable, Collect Sample								

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1321 Sampling Date: 10/10/11

Sample I.D.: GMW-17 Laboratory: Calscience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: 1,4-D SVOCs

Equipment Blank I.D.: @ Time Duplicate I.D.: GMW-17dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 MH1	Client: Parsons Newark
Sampler: M Hause	Gauging Date: 10/10/11
Well I.D.: GMW-19	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 49.16	Depth to Water (ft.): 28.85
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: 1346 | Flow Rate: 300mL/min | 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.)
1349	24.16	7.32	503	6	4.98	-30.2	900	28.88
1352	23.92	7.33	496	5	4.82	-19.3	1800	28.88
1355	23.84	7.33	494	4	4.59	-17.2	2700	28.90
1358	23.82	7.33	493	4	4.62	-16.2	3600	28.90
1401	23.82	7.33	493	4	4.62	-16.6	4500	28.90
1404	23.81	7.33	494	4	4.61	-16.3	5400	28.90
1405	-- Parameters Stable, Collect Sample --							

Did well dewater? Yes (No) | Amount actually evacuated: 5400 mL

Sampling Time: 1405 | Sampling Date: 10/10/11

Sample I.D.: GMW-19 | Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: SVOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 11010 MH7	Client: Parsons @ Newark
Sampler: M Hamer	Gauging Date: 10/10/11
Well I.D.: GMW-31	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 65.97	Depth to Water (ft.): 28.69
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: 1427 Flow Rate: 300 ml/min Pump Depth: 40.8'

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.)
1430	23.52	7.02	1032	8	1.17	-827	900	28.67
1433	23.46	7.02	1029	6	0.90	-838	1800	28.67
1436	23.44	7.02	1028	5	0.92	-836	2700	28.67
1439	23.49	7.03	1028	5	0.89	-833	3600	28.67
1442	23.44	7.03	1026	5	0.88	-834	4500	28.67
1445	23.45	7.02	1026	5	0.86	-832	5400	28.67
1446	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 1446 Sampling Date: 10/10/11

Sample I.D.: GMW-31 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: JP5 & VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons & Aerojet
Sampler: M.Hunter	Gauging Date: 10/11/11
Well I.D.: GMW-41	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 49.96	Depth to Water (ft.): 26.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder) Pump

Sampling Method: (Dedicated) Tubing New Tubing Other________

Start Purge Time: 0733 Flow Rate: 300 mL/min Pump Depth: 38.2'

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	21.06	7.19	1209	8	1.97	166.9	900	26.57
0739	21.29	7.24	1202	6	1.38	160.2	1800	26.58
0742	21.46	7.26	1204	6	1.32	158.7	2700	26.58
0745	21.49	7.26	1204	6	1.31	158.6	3600	26.58
0748	21.44	7.26	1206	6	1.31	158.8	4500	26.58
0749 — Parameters Stable; Collect Sample								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 0749	Sampling Date: 10/11/11
Sample I.D.: GMW-41	Laboratory: Cascade
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's [illegible]
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Newark
Sampler: M. Hines	Gauging Date: 10/11/11
Well I.D.: GMW-43	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 50.21	Depth to Water (ft.): 26.58
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: 0805 Flow Rate: 300 ml/min Pump Depth: 39.2'

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.)
0808	21.63	7.03	671	10	1.25	145.0	900	26.61
0811	21.84	7.01	670	7	1.14	144.6	1800	26.61
0814	21.98	7.01	670	5	1.08	149.1	2700	26.61
0817	22.02	7.01	670	4	0.95	149.6	3600	26.61
0820	22.02	7.01	670	4	0.94	149.6	4500	26.61
0823	22.04	7.01	670	4	0.94	149.3	5400	26.61
0824	Parameters stable; collect sample							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: ~~0821~~ 0824 Sampling Date: 10/11/11

Sample I.D.: GMW-43 Laboratory: CA Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's 8260

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Newark
Sampler: M. Hansell	Gauging Date: 10/11/11
Well I.D.: GMW-44	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.90	Depth to Water (ft.): 26.82
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: 0838 Flow Rate: 300 mL/min Pump Depth: 38.45 (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.)
0841	22.47	6.83	870	16	1.19	129.3	900	26.84
0844	22.50	6.83	876	12	1.00	89.2	1800	26.86
0847	22.69	6.83	880	11	0.99	77.3	2700	26.86
0850	22.70	6.84	882	11	0.96	77.1	3600	26.86
0853	22.73	6.83	888	10	0.94	76.4	4500	26.86
0854 — Parameters stable ; Collect Sample —								

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0854 Sampling Date: 10/11/11

Sample I.D.: GMW-44 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's - 8260

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: MHanson	Gauging Date: 10/11/11
Well I.D.: GMW-45	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.81	Depth to Water (ft.): 28.07
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: 0914 Flow Rate: 300 mL/min 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.)
0917	21.46	6.87	1480	10	1.84	-86.9	900	28.10
0920	21.58	6.87	1486	8	1.66	-87.1	1800	28.10
0923	21.60	6.87	1490	8	1.32	-89.4	2700	28.10
0926	21.63	6.87	1495	8	1.28	-89.6	3600	28.10
0929	21.63	6.89	1497	8	1.24	-90.3	4500	28.10
0930 — Parameters Stable; Collect Sample						—		

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0930 Sampling Date: 10/11/11

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's; SVOC's

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH-1	Client: Parsons @ Norwalk
Sampler: M. Hansen	Gauging Date: 10/11/11
Well I.D.: GMW-47	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 50.33	Depth to Water (ft.): 28.36
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: 1001 Flow Rate: 300 mL/min Pump Depth: 39.1

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	22.71	6.66	2193	21	2.57	-121.0	900	28.41
1007	22.85	6.63	~~[illegible]~~	17	1.13	-131.9	1800	28.42
1010	22.90	6.64	2272	12	0.94	-143.0	2700	28.44
1013	22.91	6.64	2277	11	0.92	-143.4	3600	28.44
1016	22.91	6.64	2279	11	0.90	-144.0	4500	28.44
1017 – Parameters Stable; Collect Sample –								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1017	Sampling Date: 10/11/11
Sample I.D.: GMW-47	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; dPS
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111D0-MH1	Client: Parsons @ Norwick
Sampler: Matthew	Gauging Date: 10/11/11
Well I.D.: GMW-57	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 54.00	Depth to Water (ft.): 28.89
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: 1041 Flow Rate: 300 ml/min Pump Depth: 41.4'

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.)
1044	24.11	7.17	1351	10	1.19	-119.3	900	28.92
1047	23.93	7.18	1329	6	0.91	-118.6	1800	28.93
1050	23.93	7.18	1320	3	0.78	-119.6	2700	28.93
1053	23.93	7.18	1319	3	0.76	-119.5	3600	28.93
1056	23.95	7.19	1319	3	0.76	-119.5	4500	28.93
1057	Parameters stable; collect samples							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1057 Sampling Date: 10/11/11

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111510-MH1	Client: Parsons @ Norwalk
Sampler: Mattmer	Gauging Date: 10/11/11
Well I.D.: GMW-58	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 54.20	Depth to Water (ft.): 26.90
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: 1148 Flow Rate: 300 mL/min Pump Depth: 40.9 (70.55)

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.)
1151	23.70	7.13	1340	16	1.44	-121.7	900	26.94
1154	23.56	7.13	1330	10	1.31	-120.6	1800	26.94
1157	23.47	7.15	1329	9	1.16	-119.3	2700	26.94
1200	23.39	7.15	1327	8	0.95	-118.9	3600	26.94
1203	23.38	7.15	1327	8	0.93	-118.0	4500	26.94
1206	23.36	7.15	1326	8	0.92	-117.9	5400	26.94
1207	Parameters Stable;			Collect	Sample			

Did well dewater? Yes (No)	Amount actually evacuated: 5400 mL
Sampling Time: 1207	Sampling Date: 10/11/11
Sample I.D.: GMW-58	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M Hamer	Gauging Date: 10/11/11
Well I.D.: GMW-59	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 54.16	Depth to Water (ft.): 26.15
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: 1223 Flow Rate: 300 mL/min Pump Depth: 40.5 (20.55)

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.)
1226	23.12	6.73	1383	9	1.34	-128.8	900	26.15
1229	22.78	6.74	1377	6	0.84	-127.8	1800	26.15
1232	22.77	6.73	1377	4	0.84	-127.0	2700	26.15
1235	22.76	6.74	1377	4	0.83	-126.8	3600	26.15
1238	22.76	6.73	1377	4	0.83	-126.1	4500	26.15
1239 → Parameters stable; collect sample								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1239	Sampling Date: 10/11/11
Sample I.D.: GMW-59	Laboratory: Calscience
Analyzed for: (TPH-G) BTEX MTBE TPH-D	Other: VOCs; JPS
Equipment Blank I.D.: @ Time	Duplicate I.D.: GMW-59dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: Matthew	Gauging Date: 10/11/11
Well I.D.: GMW-60	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 40.00	Depth to Water (ft.): 28.34
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: 1343 Flow Rate: 500mL/min Pump Depth: 34.1

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.)
1346	23.91	6.82	2415	7	1.19	-116.0	900	28.37
1349	23.35	6.83	2395	5	0.89	-117.8	1800	28.39
1352	23.19	6.83	2399	4	0.78	-115.9	2700	28.39
1355	23.17	6.83	2399	4	0.77	-115.9	3600	28.39
1358	23.17	6.83	2400	4	0.77	-115.5	4500	28.39
1359 – Parameters stable; collect sample								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1359	Sampling Date: 10/11/11
Sample I.D.: GMW-60	Laboratory: Calscience
Analyzed for: (TPH-G) BTEX MTBE TPH-D	Other: VOC, SPS
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons & Neimark
Sampler: MHuner	Gauging Date: 10/11/11
Well I.D.: GMW-6I	Well Diameter (in.): 2 3 (4) 6 8
Total Well Depth (ft.): 49.63	Depth to Water (ft.): 27.60
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: 1416 Flow Rate: 300 mL/min Pump Depth: 33.8

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.)
1419	23.53	6.99	2504	20	3.31	-145.8	900	27.65
1422	23.01	7.08	2365	16	0.75	-135.9	1800	27.66
1425	22.90	7.07	2357	13	0.78	-135.0	2700	27.67
1428	22.82	7.08	2348	7.1	0.71	-135.4	3600	27.67
1431	22.80	7.08	2347	7	0.71	-135.4	4500	27.67
1434	22.80	7.08	2347	8	0.70	-135.6	5400	27.67
1435	Parameters stable; collect sample							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 1435 Sampling Date: 10/11/11

Sample I.D.: GMW-6I Laboratory: Kiff Calscience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: VOCs; 8260

Equipment Blank I.D.: @ Time Duplicate I.D.: GMW-6I dup

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hamer	Gauging Date: 10/12/11
Well I.D.: ~~GMW~~ GMW-32	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 51.50	Depth to Water (ft.): 26.52
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 ___ (10 SD)

Start Purge Time: 1415 Flow Rate: 300 mL/min Pump Depth: 38.2

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.)
1418	24.08	6.68	1030	8	1.17	-84.3	900	26.55
1421	23.72	6.67	1027	5	0.86	-84.2	1800	26.56
1424	23.69	6.67	1025	5	0.82	-84.7	2700	26.56
1427	23.66	6.66	1025	5	0.80	-84.9	3600	26.56
1430	23.66	6.67	1022	5	0.80	-84.7	4500	26.56
1431 — Parameters Stable; Collect Sample								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1431	Sampling Date: 10/12/11
Sample I.D.: GMW-32	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; 1PS
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MTH	Client: Parsons @ Norwalk
Sampler: M. Hansen	Gauging Date: 10/17/11
Well I.D.: GMW-62	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.):	Depth to Water (ft.): 29.04
Depth to Free Product: 28.18	Thickness of Free Product (feet): 0.86
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/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	0.86 of SPH detected w/ Interphase Probe						—	
—	No Sample taken per client Request						—	
—	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 #: 111010-MH1	Client: Parsons Monrovia
Sampler: M. Hunter	Gauging Date: 10/12/11
Well I.D.: GMW-103	Well Diameter (in.): 2 (3) 4 6 8 ___
Total Well Depth (ft.): 40.20	Depth to Water (ft.): 29.44
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: 0850 Flow Rate: 300 ml/min Pump Depth: 34.7'

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.)
0853	19.76	7.00	1525	4	1.47	75.5	900	29.47
0856	19.84	7.00	1522	4	1.26	74.2	1800	29.49
0859	19.88	7.00	1523	4	1.27	73.9	2700	29.50
0902	19.89	7.00	1523	4	1.27	73.9	3600	29.50
0905	19.88	7.00	1525	4	1.26	74.1	4500	29.50
0910	– Parameters stable, Collect Sample					—		

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0910 Sampling Date: 10/12/11

Sample I.D.: GMW-103 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, 1,4D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hause	Gauging Date: 10/12/11
Well I.D.: GMW-64	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 40.09	Depth to Water (ft.): 27.60
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: 0823 Flow Rate: 300mL/min Pump Depth: 33.8

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.)
0826	19.13	6.82	1724	10	3.24	65.8	900	27.62
0829	19.13	6.82	1722	6	3.20	65.9	1800	27.62
0832	19.15	6.82	1720	6	3.22	66.2	2700	27.62
0835	19.17	6.82	1721	6	3.22	66.8	3600	27.62
0838	19.17	6.82	1721	6	3.20	66.9	4500	27.62
0839	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0839 Sampling Date: 10/12/11

Sample I.D.: GMW-64 Laboratory: ~~VOC's, SVOC's~~ CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's; SVOC's

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons & Arcadis
Sampler: M. Hamse	Gauging Date: 10/12/11
Well I.D.: GMW-65	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 40.73	Depth to Water (ft.): 28.95
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: 0746 Flow Rate: 300 mL/min Pump Depth: 34.4'

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.)
0749	20.05	6.86	2583	69	2.36	5.2	900	29.00
0752	20.06	6.90	2598	32	2.87	-24.2	1800	29.01
0755	20.06	6.90	2599	28	2.71	-23.9	2700	29.01
0758	20.07	6.90	2602	26	1.81	-27.5	3600	29.01
0801	20.07	6.90	2607	25	1.78	-28.7	4500	29.01
0804	20.07	6.90	2607	26	1.76	-29.3	5400	29.01
0805 – Parameters Stable, Collect Sample						—		

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 0805 Sampling Date: 10/12/11

Sample I.D.: GMW-65 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, DRO

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M.Howe	Gauging Date: 10/12/11
Well I.D.: GMW-66	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 40.00	Depth to Water (ft.): 29.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder) Pump
Sampling Method: (Dedicated) Tubing New Tubing Other___

Start Purge Time: 0942 Flow Rate: 300 mL/min Pump Depth: 34.6'

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.)
0945	22.34	7.12	1666	8	1.07	85.7	900	29.27
0948	22.33	7.12	1666	7	1.06	85.4	1800	29.27
0951	22.25	7.12	1665	6	1.05	84.0	2700	29.27
0954	22.26	7.12	1665	6	1.09	83.8	3600	29.27
0957	22.26	7.12	1665	5	1.07	83.6	4500	29.27
0958 –	Parameters	stable;	Collect	Sample	—			

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 0958	Sampling Date: 10/12/11
Sample I.D.: GMW-66	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 11000-MH1	Client: Parsons @ Norwalk
Sampler: M. Houser	Gauging Date: 10/12/11
Well I.D.: GW-6	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 60.76	Depth to Water (ft.): 28.78
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) 25.60 | Other ____

Sampling Method: Dedicated (Tubing) | New Tubing

Start Purge Time: 1040 | Flow Rate: 300 mL/min | Pump Depth: 44.8'

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.)
1043	23.40	7.11	703	19	1.72	-74.3	900	28.80
1046	23.25	7.10	701	10	1.29	-70.9	1800	28.80
1049	23.22	7.10	701	10	1.24	-69.7	2700	28.80
1052	23.20	7.10	701	9	1.25	-70.1	3600	28.80
1055	23.20	7.10	703	9	1.25	-70.2	4500	28.80
1056	— Parameters	stable		collect	Sample	———		

Did well dewater? Yes (No) | Amount actually evacuated: 4500 mL

Sampling Time: 1056 | Sampling Date: 10/12/11

Sample I.D.: GW-6 | Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: VOCs; SVOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Rosemark
Sampler: M. Hause	Gauging Date: 10/12/11
Well I.D.: MW-13	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 52.40	Depth to Water (ft.): 30.50
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: 1141 Flow Rate: 300 ml/min Pump Depth: 39.2' (0.48)

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.)
1147	24.39	7.10	1644	11	1.71	-47.9	900	30.50
1150	24.32	7.12	1629	9	0.92	-52.5	1800	30.50
1153	24.36	7.12	1633	9	0.92	-54.6	2700	30.51
1156	24.36	7.12	1635	7	0.81	-56.3	3600	30.51
1159	24.33	7.13	1635	7	0.78	-56.8	4500	30.51
1202	24.33	7.13	1636	6	0.77	-57.3	5400	30.51
1205	- Parameters Stable; Collect Sample -							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 1205 Sampling Date: 10/12/11

Sample I.D.: MW-13 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, WAS

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Newark
Sampler: M. Hamer	Gauging Date: 10/12/11
Well I.D.: MW-11	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 51.88	Depth to Water (ft.): 31.20
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 (18-49)
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 1223 Flow Rate: 300 ml/min 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.)
1226	24.56	6.96	1715	6	0.88	-117.3	900	31.23
1229	23.98	6.96	1701	4	0.97	-114.0	1800	31.25
1232	23.98	6.96	1700	4	0.98	-113.6	2700	31.25
1235	23.99	6.96	1697	4	0.99	-113.3	3600	31.25
1238	23.98	6.96	1694	4	0.97	-113.5	4500	31.25
1239 —	Parameters	Stable;	Collect Sample —					

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1239 Sampling Date: 10/12/11

Sample I.D.: MW-11 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs; 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hynes	Gauging Date: 10/12/11
Well I.D.: MW-16	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 51.00	Depth to Water (ft.): 28.63
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: 1315 Flow Rate: 300 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.)
1318	25.59	6.75	1304	10	1.03	-50.0	900	28.63
1321	25.36	6.75	1294	6	0.85	-47.6	1800	28.64
1324	25.41	6.77	1278	5	0.77	-46.2	2700	28.64
1327	25.16	6.77	1276	<5	0.77	-46.0	3600	28.64
1330	25.16	6.77	1272	5	0.76	-45.7	4500	28.64
1331	— Parameters Stable; Collect Sample —							

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1331 Sampling Date: 10/12/11

Sample I.D.: MW-16 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs ; 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111110-MA1	Client: Parsons @ Norwalk
Sampler: Mattmsoca	Gauging Date: 10/12/11
Well I.D.: MW-17	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 52.00	Depth to Water (ft.): 29.83
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: 0743 Flow Rate: 300ml/min Pump Depth: 38' (18.48)

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.)
0746	21.86	7.16	1271	8	4.53	210.0	900	29.86
0749	21.88	7.18	1265	6	4.36	208.5	1800	29.88
0752	21.93	7.20	1252	6	4.17	204.7	2700	29.88
0755	21.96	7.21	1250	5	4.11	203.9	3600	29.88
0758	21.96	7.20	1247	5	4.13	203.3	4500	29.88
0759 — Parameters Stable; Collect Sample —								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 0759	Sampling Date: 10/12/11
Sample I.D.: MW-17	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's & JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons & Rockwell
Sampler: MHouse	Gauging Date: 10/13/11
Well I.D.: MW-22(M.W)	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 54.62	Depth to Water (ft.): 35.35
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 | 12-52 Other ___

Start Purge Time: 0832 Flow Rate: 300 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.)
0835	22.02	7.17	1571	8	1.33	-86.5	900	35.87
0838	22.01	7.16	1576	7	1.16	-93.4	1800	35.87
0841	22.00	7.16	1577	7	1.08	-95.1	2700	35.88
0844	22.01	7.16	1577	7	1.02	-96.2	3600	35.88
0847	22.01	7.17	1579	7	1.06	-96.3	4500	35.88
0848	Parameters Stable; Collect Samples							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0848 Sampling Date: 10/13/11

Sample I.D.: MW-22(M.W) Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs; 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH4	Client: Parsons @ Roanoke
Sampler: M. Homer	Gauging Date: 10/13/11
Well I.D.: MW-23 (MW)	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 54.57	Depth to Water (ft.): 31.86
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: 1216 Flow Rate: 300 mL/min 42.52 Pump Depth: 47.0

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.)
1219	23.85	7.14	1094	8	1.88	-127.1	900	31.88
1222	23.72	7.14	1105	8	1.11	-130.9	1800	31.88
1225	23.73	7.111	1108	7	0.95	-131.2	2700	31.88
1228	23.74	7.14	1110	7	0.93	-133.6	3600	31.88
1231	23.71	7.14	1111	7	0.94	-133.4	4500	31.88
1232	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1232 Sampling Date: 10/13/11

Sample I.D.: MW-23 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, LPS

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Newark
Sampler: M. Hansel	Gauging Date: 10/13/11
Well I.D.: MW-24	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 47.05	Depth to Water (ft.): 31.19
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 14.44

Start Purge Time: 1132 Flow Rate: 300 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.)
1135	24.29	7.37	1289	11	1.59	-41.3	900	31.20
1138	23.55	7.36	1253	9	1.44	-36.0	1800	31.22
1141	23.20	7.36	1248	9	1.49	-35.1	2700	31.22
1144	23.14	7.36	1242	6	1.40	-35.0	3600	31.25
1147	23.10	7.35	1241	5	1.36	-34.6	4500	31.25
1150	23.06	7.35	1236	6	1.38	-34.1	5400	31.25
1151	— Parameters Stable Collect Sample —							

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 1151 Sampling Date: 10/13/11

Sample I.D.: MW-24 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs & SVOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M.Hme	Gauging Date: 10/13/11
Well I.D.: MW-25	Well Diameter (in.) : 2 3 (4) 6 8 ___
Total Well Depth (ft.) : 47.16	Depth to Water (ft.) : 32.00
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 225-425 Other___
Start Purge Time: 0858 Flow Rate: [illegible] ml/min Pump Depth: 37

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.)
0901	22.37	7.10	2175	6	1.68	-40.0	900	32.02
0901	22.25	7.09	2203	6	1.69	-22.1	1800	32.02
0907	22.32	7.09	2211	6	1.20	-6.9	2700	32.04
0910	22.35	7.09	2212	6	0.99	-3.3	3600	32.04
0913	22.35	7.09	2212	6	0.96	-3.2	4500	32.04
0916	22.30	7.09	2212	5	0.97	-3.0	5400	32.04
0917 – Parameters stable; collect sample								

Did well dewater? Yes (No)	Amount actually evacuated: ML
Sampling Time: 0917	Sampling Date: 10/13/11
Sample I.D.: MW-25	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: MHamel	Gauging Date: 10/13/11
Well I.D.: MW-26	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 46.88	Depth to Water (ft.): 29.70
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 | 23.5 48.5 Other ____

Start Purge Time: 1004 Flow Rate: 300 mL/min Pump Depth: 36.6

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.)
1007	22.39	6.90	1017	10	2.77	25.4	900	29.72
1010	22.39	6.89	1014	9	2.62	25.6	1800	29.74
1013	22.03	6.88	1006	8	2.44	20.9	2700	29.74
1016	22.06	6.88	1000	7	2.43	19.2	3600	29.74
1019	22.06	6.88	1003	7	2.40	18.7	4500	29.74
1020	Pressures Stable Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1020 Sampling Date: 10/13/11

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's ; SVOC's

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: Martinez	Gauging Date: 10/13/11
Well I.D.: MW-27	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 62.00	Depth to Water (ft.): 31.30
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 10:48 Other___

Start Purge Time: 1048 Flow Rate: 300 ml/min Pump Depth: 39.6

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.)
1051	23.93	6.82	2183	12	2.27	-112.9	900	31.33
1054	23.43	6.81	2203	9	1.45	-118.5	1800	31.36
1057	23.26	6.82	2205	5	1.20	-121.3	2700	31.38
1100	23.23	6.82	2206	5	1.17	-122.6	3600	31.38
1103	23.23	6.82	2206	5	1.15	-122.9	4500	31.38
1104 — Parameters Stable; Collect Sample —								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1104	Sampling Date: 10/13/11
Sample I.D.: MW-27	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs, DS
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M.Hanna	Gauging Date: 10/14/11
Well I.D.: PZ-3	Well Diameter (in.) : (2) 3 4 6 8 ____
Total Well Depth (ft.) : 57.63	Depth to Water (ft.) : 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: 0717 Flow Rate: 200ml/min 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.)
0720	22.66	6.81	1129	125	0.66	-90.2	900	26.03
0723	22.80	6.79	1117	79	0.59	-88.6	1800	26.06
0726	22.79	6.77	1116	77	0.56	-88.4	2700	26.06
0729	22.79	6.77	1116	75	0.56	-88.1	3600	26.06
0732	22.76	6.76	1114	76	0.57	-87.6	4500	26.06
0733 — Parameters stable; collect sample —								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 0733	Sampling Date: 10/14/11
Sample I.D.: PZ-3	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hmr	Gauging Date: 10/13/11
Well I.D.: WCW-2	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 53.45	Depth to Water (ft.): 27.52
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: 1357 Flow Rate: 300 ml/min Pump Depth: 38.7'

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.)
1400	24.08	7.07	2472	61	2.11	-21.3	900	27.54
1403	23.37	7.13	2431	29	1.47	-23.1	1800	27.57
1406	23.07	7.12	2389	20	1.43	-21.1	2700	27.60
1409	22.89	7.12	2367	18	1.44	-21.0	3600	27.60
1412	22.88	7.11	2360	15	1.44	-20.8	4500	27.60
1415	22.88	7.11	2356	17	1.44	-21.0	5400	27.60
1416	— Parameters stable: Collect Sample —							

Did well dewater? Yes (No)	Amount actually evacuated: 5400 mL
Sampling Time: 1416	Sampling Date: 10/13/11
Sample I.D.: WCW-2	Laboratory: Cascade
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs ; JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons & Newark
Sampler: M. Hamm	Gauging Date: 10/14/11
Well I.D.: MW-4	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 51.80	Depth to Water (ft.): 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: 0801 Flow Rate: 300 mL/min Pump Depth: 39.9'

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.)
0804	22.16	6.69	3244	20	3.55	14.5	900	29.92
0807	22.19	6.70	3246	11	2.90	6.7	1800	29.92
0810	22.22	6.72	3248	9	1.76	-11.5	2700	29.92
0813	22.22	6.72	3249	9	1.74	-12.3	3600	29.92
0816	22.24	6.73	3249	9	1.70	-13.2	4500	29.92
0817	Parameters Stable; Collect Samples							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0817 Sampling Date: 10/14/11

Sample I.D.: MW-4 Laboratory: Parsons

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's, SVOC's

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-M41	Client: Parsons @ Newark
Sampler: M. Hamel	Gauging Date: 10/14/11
Well I.D.: WCW-5	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 51.00	Depth to Water (ft.): 25.04
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: 1049 Flow Rate: 300 ml/min 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.)
1052	24.68	6.92	2791	14	2.76	19.2	900	25.04
1055	24.72	6.93	2803	8	1.65	18.9	1800	25.06
1058	24.74	6.93	2805	7		18.6	2700	25.06
1101	24.75	6.93	2805	7		18.6	3600	25.07
1104	24.75	6.93	2807	7		18.4	4500	25.07
1105	— Parameters Stable; Collect Sample —							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 1105 Sampling Date: 10/14/11

Sample I.D.: WCW-5 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's ; 1,4-D

Equipment Blank I.D.: @ Time Duplicate I.D.: WCW-5DUP

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hamsee	Gauging Date: 10/13/11
Well I.D.: WCW-6	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 51.49	Depth to Water (ft.): 27.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1301 Flow Rate: 300 mL/min Pump Depth: 38.7

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.)
1304	24.41	6.57	3112	29	1.46	-24.7	900	27.43
1307	23.84	6.58	3091	22	0.98	-21.3	1800	27.45
1310	23.79	6.58	3086	16	0.96	-22.0	2700	27.45
1313	23.68	6.58	3082	12.1	0.96	-22.2	3600	27.45
1316	23.66	6.58	3078	11	0.95	-22.3	4500	27.45
1319	23.64	6.59	3077	11	0.95	-22.5	5400	27.45
1320 — Parameters Stable; Collect Sample —								

Did well dewater? Yes (No)	Amount actually evacuated: 5400 mL
Sampling Time: 1320	Sampling Date: 10/13/11
Sample I.D.: WCW-6	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs; JP5
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Home	Gauging Date: 10/14/10
Well I.D.: WCW-8	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): ~~[illegible]~~ 51.40	Depth to Water (ft.): 30.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other____

Start Purge Time: 0954 Flow Rate: 300 mL/min Pump Depth: 40.1

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.)
0957	22.74	6.98	2886	10	1.35	-70.7	900	31.33
1000	22.83	6.97	2864	9	0.89	-82.4	1800	31.33
1003	22.87	6.97	2877	7	0.86	-84.5	2700	31.33
1006	22.87	6.97	2879	7	0.86	-85.1	3600	31.33
1009	22.88	6.98	2879	7	0.84	-85.9	4500	31.33
1010 — Parameters stable; Collect Sample								

Did well dewater? Yes (No)	Amount actually evacuated: 4500 mL
Sampling Time: 1010	Sampling Date: 10/14/10
Sample I.D.: WCW-8	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's; DPs
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: MHanna	Gauging Date: 10/4/11
Well I.D.: WCW-12	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 60.26	Depth to Water (ft.): 28.46
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: 0918 Flow Rate: 300 mL/min Pump Depth: 30.60 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.)
0921	22.81	7.03	2158	10	2.56	355	900	28.49
0924	22.61	7.01	2182	6	1.50	376	1800	28.50
0927	22.53	7.00	2179	6	1.22	379	2700	28.50
0930	22.55	7.00	2177	6	1.20	383	3600	28.50
0933	22.54	7.00	2176	6	1.19	388	4500	28.50
0934	Pharmacus Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0934 Sampling Date: 10/4/11

Sample I.D.: WCW-12 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs; 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 11010-mtt	Client: Parsons @ Norwalk
Sampler: Mathew	Gauging Date: 10/14/11
Well I.D.: wcw-14	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 59.85	Depth to Water (ft.): 31.60 31.60
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: 0840 | Flow Rate: 300 ml/min | Pump Depth: 45.2

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.)
0843	21.86	7.17	2171	8	1.95	-0.3	900	31.62
0846	22.35	7.14	2180	6	1.23	10.4	1800	31.62
0849	22.36	7.14	2181	5	1.17	11.2	2700	31.62
0852	22.36	7.14	2183	4	1.15	11.6	3600	31.62
0855	22.36	7.14	2183	4	1.13	12.1	4500	31.62
0858	+Parameters	Stable	Collect	sample				

Did well dewater? Yes (No) — Amount actually evacuated: 4500

Sampling Time: 0858 — Sampling Date: 10/21/11

Sample I.D.: WCW-14 — Laboratory: Gettler-Ryan

Analyzed for: TPH-G BTEX MTBE TPH-D — Other: VOCs DO

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

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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
BW-1	4					25.03	52.79		1140
BW-2	4					23.81	Ext.		1038
BW-3	4					26.91	50.69		1209
BW-4	4					26.30	44.53		1214
BW-5	4					25.19	Ext.		1218
BW-6	4					25.74	48.23		1223
BW-7	4					26.83	Ext.		1227
BW-8	4					27.15	Ext.		1231
BW-9	4					28.49	Ext.		1236
EXP-1	4					53.75	128.28		0837
EXP-2	4					53.21	128.16		0932
EXP-3	4					52.74	123.00		0753
EXP-4	4					53.93	115.29		0758
EXP-5	4					49.58	113.40		0738
GMW-1	4					26.15	49.40		1240
GMW-10	4					27.75	42.62		0728 10-14
GMW-11	4					24.98	49.80		1510 10-12

WELL GAUGING DATA

Project # 111010-391 Date 10-10-11 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-13	4					25.92	49.64		0951	
GMW-14	4					26.71	49.53		1134	
GMW-2	4					25.17	50.73		1057	
GMW-22	4					29.68	62.28		0810	10-11
GMW-23	4					26.57	58.20		1450	10-12-
GMW-24	4					28.78	39.80		1411	10-13-
GMW-25	4					30.02	53.11		1430	10-13-
GMW-26	4					26.38	45.36		1030	10-13-
GMW-27	4					26.17	49.02		0940	
GMW-28	4					26.41	49.07		1430	10-12-
GMW-29	4					26.50	42.77		1438	10-12-
GMW-3	4					26.68	49.95		1105	
GMW-30	6					26.55	49.80		1500	10-12
GMW-36	4					Exl. Pump			0941	
GMW-37	4					29.00	53.58		0955	
GMW-38	4					27.28	53.36		1040	
GMW-39	4					26.85	50.50		1059	

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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					27.11	49.08		1119	10-12-
GMW-40	4					25.13	49.50		1113	
GMW-41	4					26.53	49.92		1117	
GMW-8	— Unable to locate —									
GMW-9	4					28.91	50.14		1102	10-13-
GMW-O-1	4					22.89	49.16		0828	
GMW-O-10	4					26.29	50.00		1320	
GMW-O-11	— Unable to access well (pump in well)									
GMW-O-12	4					24.68	37.28		1023	
GMW-O-14	4					25.16	49.69		1355	10-14
GMW-O-15	4					Ext. Pump	X		0937	
GMW-O-16	4					25.53	48.75		0933	
GMW-O-17	4					24.71	39.68		0742	
GMW-O-18	4					Ext. Pump			1258	
GMW-O-19	4					25.40	40.12		0929	
GMW-O-2	4					23.98	49.31		0832	
GMW-O-20	4					24.05	31.14		0934	

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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-O-21	6					24.65	Ext.		1400	10-12
GMW-O-23	4					25.25	29.10		0904	
GMW-O-3	4					23.70	48.45		0835	
GMW-O-4	4					23.31	49.68		0838	
GMW-O-4 (MID)	4					31.36	61.49		0841	
GMW-O-5	4					23.93	48.92		0844	
GMW-O-6	4					22.45	49.74		0848	
GMW-O-7	4					21.70	49.72		0852	
GMW-O-8	4					21.71	49.54		0858	
GMW-O-9	4					25.16	50.13		0906	
GMW-SF-10	4					27.60	47.00		1117	
GMW-SF-7	4					26.93	43.35		0958	
GMW-SF-8	4					28.48	43.63		1001	
GMW-SF-9	4					24.70	46.51		1114	
GWR-1	4					25.45	45.15		1345	10-11
GWR-3	4					29.22	49.75		1142	10-
HL-2	4					28.54	39.19		1029	

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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	
HL-3	4					28.70	41.86		1051	
HW-2	—	Unable to locate				—				
MW-12	4					27.92	52.10		1122	
MW-15	4		28.59	0.71		29.30	—		1028	10-12-
MW-18 (MID)	4					31.51	65.44		1447	10-12
MW-19 (MID)	4					32.64	61.95		1153	
MW-20 (MID)	4					31.55	56.78		1201	
MW-21 (MID)	4					29.44	61.96		1055	
MW-6	4					29.04	52.11		1158	
MW-7	4					30.02	53.67		1149	
MW-8	4					27.65	51.81		1046	
MW-9	4					28.66	51.99		1155	10-12
MW-O-1	4					26.52	32.78		1120	10-14
MW-O-2	6					27.53	Ext.		1415	10-12
MW-SF-1	6					29.60	51.38		1300	10-12
MW-SF-10	4					27.60	30.30 ~~47.00~~		0920	
MW-SF-11	4					30.10	43.80		1255	10-13

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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	
MW-SF-14	4					29.84	43.86		0813	10-13-1
MW-SF-15	4					34.30	Ext.		0901	10-14-1
MW-SF-16	4					32.85	Ext.		0938	10-14-1
MW-SF-2	4					29.82	43.78		0821	10-13-
MW-SF-3	4					Ext. Pump			1020	10-14-
MW-SF-4	—	Unable to access well (cap stuck)								
MW-SF-5	6					31.28	50.80		0740	10-13-1
MW-SF-6	4					28.21	41.51		0741	10-13-
MW-SF-9	4					25.02	37.41		1021	
PW-1	4					26.77	50.02		1029	
PW-2	4					Dry	26.00		1033	
PW-3	4					25.52	50.01		1136	
PZ-10	—	UNABLE TO ACCESS				—	—		1210	
PZ-2	4					25.67	48.85		1410	10-0
PZ-5	4					25.55	38.44		1304	
PZ-6	—	Unable to locate				—				
PZ-7A	2					25.15	31.30		1050	

WELL GAUGING DATA

Project # 111010-SP1 Date 10-10-11 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	
PZ-7B	4					25.30	45.00		1052	
PZ-8A	2					27.28	33.33		1102	
PZ-8B	2					27.32	47.10		1100	
PZ-9A	2					27.75	34.26		1105	
PZ-9B	2					28.00	49.40		1107	
VEW-1	4					Dry	28.85		0852	10-13-
VEW-2	4					Dry	29.45		0850	10-13-
WCW-13	4					30.30	60.38		0754	
WCW-3	4					28.64	50.56		0749	
WCW-6	4					27.33	51.60		1246	
WCW-7	4					28.93	51.57		1250	
MW-SF-12	4					26.60	43.62		1145	10/13
MW-SF-13	4					26.00	39.15		0913	10/14

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Newark
Sampler: Matthew	Gauging Date: 10/10/11
Well I.D.: EXP-1	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 128.28	Depth to Water (ft.): 53.75
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: 0840 Flow Rate: 300 ml/min Pump Depth: ~~100'~~ 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.)
0843	21.53	7.37	1042	8	2.60	-106.0	900	53.81
0846	21.58	7.36	1047	6	2.38	-105.0	1800	53.81
0849	21.90	7.34	1072	4	1.86	-100.6	2700	53.81
0852	22.10	7.33	1091	4	1.27	-89.2	3600	53.81
0855	22.24	7.32	1097	4	1.25	-88.6	4500	53.81
0858	22.26	7.32	1099	4	1.24	-88.6	5400	53.81
0859 - Parameters Stable; Collect Sample								

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 0859 Sampling Date: 10/10/11

Sample I.D.: ~~EXP-1~~ EXP-1 Laboratory: CalScience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: TPH; VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: P 111010-MH1	Client: Parsons @ Norwalk
Sampler: Matthew R	Gauging Date: 10/10/11
Well I.D.: EXP-2	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 128.16	Depth to Water (ft.): 53.21
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: 0936 Flow Rate: 300 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.)
0939	22.29	7.16	1535	6	2.74	-124.9	900	53.30
0942	22.00	7.14	1602	6	1.16	-100.2	1800	53.30
0945	21.86	7.13	1669	6	1.07	-98.6	2700	53.30
0948	21.82	7.13	1602	5	0.98	-92.9	3600	53.30
0951	21.82	7.14	1608	5	0.97	-91.8	4500	53.30
0954	21.83	7.14	1600	5	0.94	-91.6	5400	53.30
0955-	Parameters Stable; Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 5400 ML

Sampling Time: 0955 Sampling Date: 10/10/11

Sample I.D.: EXP-2 Laboratory: CalScience

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: SPS, VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 MH1	Client: Parsons @ Norwalk
Sampler: M. Hamer	Gauging Date: 10/10/11
Well I.D.: EXP-3	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): ~~123.00~~ 123.00	Depth to Water (ft.): 52.74
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) | Other ___
Sampling Method: Dedicated Tubing | New Tubing

Start Purge Time: 0757 Flow Rate: 300 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.)
0800	20.16	7.28	969	12	2.22	29.7	900	53.00
0803	20.14	7.30	972	10	2.16	23.6	1800	53.00
0806	20.60	7.32	998	7	2.28	25.7	2700	53.00
0809	20.64	7.33	1008	7	2.34	26.3	36000	53.00
0812	20.66	7.33	1011	7	2.36	26.8	4500	53.00
0813	Parameters Stable Collect Sample							

Did well dewater? Yes (No) Amount actually evacuated: 4500 mL

Sampling Time: 0813 Sampling Date: 10/10/11

Sample I.D.: EXP-3 Laboratory: CAS Seq

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: PAS, VOCs

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
Well I.D.: EXP-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 113.40	Depth to Water: Pre: 49.58 Post: 49.62
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: 1428 Flow Rate: 500 mL/min Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1431	21.54	6.58	1202	9	1.21	15.9	1500	49.62
1434	21.75	6.70	1259	7	1.05	19.9	3000	49.62
1437	21.98	6.71	1262	6	0.91	19.7	4500	49.62
1440	22.00	6.75	1260	4	0.90	17.9	6000	49.62
1443	22.00	6.73	1259	4	0.95	15.9	7500	49.62
1446	22.01	6.72	1258	4	0.96	14.8	9000	49.62

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1447 Sampling Date: 10-10-11

Sample I.D.: EXP-5 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: EB-1 @ Time 1450 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/12/11
Well I.D.: GMW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.40	Depth to Water: Pre: 26.15 Post: 26.19
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: 1057 Flow Rate: 300 ml/min Pump Depth: 44'

Time	Temp. ((C) or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
1100	25.6	7.39	1357	15	0.26	-185.8	900	26.18
1103	25.9	7.37	1364	11	0.26	-192.2	1800	26.18
1106	26.2	7.37	1365	10	0.24	-197.5	2700	26.18
1109	26.5	7.36	1360	10	0.23	-201.3	3600	26.19
1112	26.6	7.36	1358	10	0.23	-203.2	4500	26.19

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1115 Sampling Date: 10/12/11

Sample I.D.: GMW-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-3

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 - SP1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: GMW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.95	Depth to Water: Pre: 26.68 Post: 26.71
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: 0950 Flow Rate: 300 ml/min Pump Depth: 44'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0953	22.5	6.91	1169	36	2.87	119.1	900	26.71
0956	23.0	6.82	1168	30	2.72	115.5	1800	26.71
0959	23.3	6.82	1169	28	2.59	113.0	2700	26.71
1002	23.7	6.80	1168	28	2.53	111.0	3600	26.71
1005	23.9	6.79	1168	27	2.51	109.7	4500	26.71

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1010	Sampling Date: 10/11/11
Sample I.D.: GMW-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: MNA
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: GMW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.08	Depth to Water: Pre: 27.11 Post: 27.20
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: 1126 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
1129	24.47	6.95	1394	20	0.41	-127.8	1500	27.19
1132	24.78	6.71	1425	18	0.48	-134.5	3000	27.19
1135	24.87	6.67	1446	18	0.61	-140.1	4500	27.20
1138	24.88	6.69	1466	16	0.51	-144.4	6000	27.20
1141	24.84	6.70	1486	15	0.50	-148.0	7500	27.20
1144	24.88	6.71	1497	15	0.47	-149.9	9000	27.20

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1145 Sampling Date: 10-12-11

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

Analyzed for: TPHg TPHfp VOC's MTBE (Other) See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
Well I.D.: GMW-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				
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GMW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.14	Depth to Water: Pre: 28.91 Post: 29.01
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: 1107 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
1110	24.17	6.99	3165	12	0.74	-73.2	1500	29.01
1113	24.41	6.79	3162	11	0.36	-91.2	3000	29.01
1116	24.45	6.66	3159	9	0.32	-100.2	4500	29.01
1119	24.44	6.64	3156	8	0.30	-108.0	6000	29.01
1122	24.49	6.65	3154	6	0.29	-112.4	7500	29.01
1125	24.45	6.68	3151	6	0.28	-114.6	9000	29.01

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1126 Sampling Date: 10-13-11

Sample I.D.: GMW-9 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 - SP1	Client: KMEP
Sampler: JL	Start Date: 10/14/11
Well I.D.: GMW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 42.62	Depth to Water: Pre: 27.25 Post: 27.29
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: 0730 Flow Rate: 300 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
0733	22.0	6.67	2051	15	1.93	-125.0	900	27.28
0736	22.4	6.79	2072	12	0.98	-142.5	1800	27.28
0739	23.4	6.85	2079	10	0.88	-156.3	2700	27.29
0742	23.8	6.87	2074	10	0.85	-161.4	3600	27.29
0745	24.0	6.88	2072	9	0.83	-165.1	4500	27.29

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 0750 Sampling Date: 10/14/11

Sample I.D.: GMW-10 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 #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: GMW-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.64	Depth to Water: Pre: 25.92 Post: 25.95
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: 0715 Flow Rate: 300 ml/min Pump Depth: 44'

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
0718	20.3	6.79	800	40	2.99	168.4	900	25.94
0721	21.1	6.87	804	34	1.70	154.3	1800	25.94
0724	21.9	6.87	804	30	1.28	145.2	2700	25.95
0727	22.2	6.85	804	28	1.20	133.6	3600	25.95
0730	22.4	6.88	804	26	1.17	129.1	4500	25.95
0733	22.6	6.89	805	27	1.12	125.8	5400	25.95

Did well dewater? Yes (No) Amount actually evacuated: 5400 ml

Sampling Time: 0735 Sampling Date: 10/11/11

Sample I.D.: GMW-13 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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/12/11
Well I.D.: GMW-14	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.53	Depth to Water: Pre: 26.71 Post: 26.78
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: 0910 Flow Rate: 300 ml/min Pump Depth: 44'

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
0913	22.6	7.83	2001	52	0.52	-83.0	900	26.77
0916	23.1	8.07	2017	48	0.36	-118.5	1800	26.77
0919	23.4	8.09	2018	42	0.34	-127.4	2700	26.77
0922	23.8	8.08	2016	40	0.32	-133.6	3600	26.77
0925	24.0	8.10	2019	39	0.33	-136.9	4500	26.78

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 0930	Sampling Date: 10/12/11
Sample I.D.: GMW-14	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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/14/11
Well I.D.: GMW-22	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 62.28	Depth to Water: Pre: 29.68 Post: 29.72
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: 0813 Flow Rate: 300 ml/min Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0816	22.5	7.29	2707	13	1.26	-149.2	900	29.72
0819	22.6	7.34	2709	10	1.03	-154.6	1800	29.72
0822	23.3	7.31	2711	9	1.19	-156.4	2700	29.72
0825	23.6	7.30	2715	9	1.20	-156.9	3600	29.72
0828	23.7	7.28	2718	9	1.17	-158.2	4500	29.72

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 0830 Sampling Date: 10/14/11

Sample I.D.: GMW-22 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

Equipment Blank I.D.: EB-7 @ Time 0840 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GMW-24	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 39.80	Depth to Water: Pre: 28.78 Post: 28.88
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: 1416 Flow Rate: 500mL/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
1419	24.92	7.16	2536	68	1.39	-112.5	1500	28.86
1422	25.24	6.93	2520	57	1.61	-121.6	3000	28.86
1425	25.48	6.87	2518	50	1.59	-125.1	4500	28.87
1428	25.58	6.86	2520	46	0.83	-132.9	6000	28.88
1431	25.65	6.86	2524	40	0.77	-135.6	7500	28.88
1434	25.68	6.86	2523	41	0.80	-138.3	9000	28.88

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1435 Sampling Date: 10-13-11

Sample I.D.: GMW-24 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/13/11
Well I.D.: GMW-25	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 53.11	Depth to Water: Pre: 30.02 Post: 30.07
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: 1430 Flow Rate: 300 ml/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
1433	24.3	8.14	2303	17	0.56	-218.2	900	30.07
1436	24.5	8.09	2304	12	0.50	-227.1	1800	30.07
1439	24.7	8.17	2305	10	0.51	-230.8	2700	30.07
1442	24.9	8.14	2306	9	0.52	-233.1	3600	30.07
1445	24.9	8.12	2307	9	0.53	-235.0	4500	30.07

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1450 Sampling Date: 10/13/11

Sample I.D.: GMW-25 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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/13/11
Well I.D.: GMW-26	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 45.30	Depth to Water: Pre: 26.38 Post: 26.42
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: 1050 Flow Rate: 300 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
1053	22.7	7.13	4369	>1000	1.21	31.3	900	26.40
1056	22.8	7.05	4381	>1000	0.72	28.5	1800	26.41
1059	22.8	7.02	4388	>1000	0.66	26.8	2700	26.42
1102	22.9	7.02	4385	>1000	0.64	26.4	3600	26.42
1105	23.0	7.02	4385	>1000	0.63	26.1	4500	26.42

Did well dewater? Yes (No)	Amount actually evacuated: 4500ml
Sampling Time: 1110	Sampling Date: 10/13/11
Sample I.D.: GMW-26	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: EB-7 @ Time 1115	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 1110 10-5P1	Client: KMEP
Sampler: JL	Start Date: 10/12/11
Well I.D.: GMW-27	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.02	Depth to Water: Pre: 26.17 Post: 26.21
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 ~~wet~~ New Tubing ✓ Other ____

Start Purge Time: 0945 Flow Rate: 300 ml/min Pump Depth: 44'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
0948	23.0	8.06	3562	30	0.47	-167.7	900	26.20
0951	22.9	8.04	3553	17	0.47	-171.2	1800	26.21
0954	23.4	7.90	3571	14	0.39	-176.2	2700	26.21
0957	23.7	7.84	3574	14	0.37	-178.6	3600	26.21
1000	23.8	7.82	3578	13	0.36	-181.0	4500	26.21

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1005 Sampling Date: 10/12/11

Sample I.D.: GMW-27 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

Equipment Blank I.D.: EB-5 @ Time 1015 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GMW-36	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 (Post)
Sampling Method: Dedicated Tubing | New Tubing | Other EN. prof

Start Purge Time: 1515 Flow Rate: 200mL/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
1518	26.19	7.02	2269	15	0.71	-148.9	600	—
1521	26.40	7.02	2249	13	0.60	-171.9	1200	—
1524	26.77	7.04	2266	10	0.37	-208.1	1800	—
1527	26.74	7.03	2286	9	0.30	-213.5	2400	—
1530	26.73	7.04	2291	7	0.30	-215.9	3000	—

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

Sampling Time: 1531 Sampling Date: 10-13-11

Sample I.D.: GMW-36 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: (See COC)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: GMW-37	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 53.58	Depth to Water: Pre: 29.00 Post: 29.04
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: 0750 Flow Rate: 300 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
0753	20.3	7.24	1295	32	3.43	100.7	900	29.03
0756	21.0	7.13	1331	30	3.07	95.9	1800	29.03
0759	21.6	6.99	1342	27	2.86	92.5	2700	29.04
0802	22.1	7.08	1350	25	2.65	87.8	3600	29.04
0805	22.2	7.11	1357	23	2.59	84.9	4500	29.04
0808	22.4	7.13	1360	22	2.55	82.2	5400	29.04

Did well dewater? Yes (No) Amount actually evacuated: 5400 ml

Sampling Time: 0810 Sampling Date: 10/11/11

Sample I.D.: GMW-37 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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/12/11
Well I.D.: GMW-38	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 53.36	Depth to Water: Pre: 27.20 Post: 27.25
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: 0755 Flow Rate: 300 ml/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
0758	21.4	7.04	493	20	0.99	155.3	900	27.24
0801	21.8	7.30	494	16	0.74	142.8	1800	27.25
0804	22.3	7.36	497	14	0.67	135.2	2700	27.25
0807	22.6	7.38	500	13	0.63	129.1	3600	27.25
0810	22.8	7.40	503	13	0.62	126.0	4500	27.25

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 0815	Sampling Date: 10/12/11
Sample I.D.: GMW-38	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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: GMW-39	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.50	Depth to Water: Pre: 26.85 Post: 26.90
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: 1450 Flow Rate: 300ml/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
1453	23.5	7.22	1000	14	0.65	-106.4	900	26.89
1456	24.1	7.11	1003	12	0.55	-123.4	1800	26.89
1459	24.4	7.08	1002	10	0.53	-128.8	2700	26.90
1502	24.8	7.06	1003	10	0.52	-133.1	3600	26.90
1505	24.9	7.05	1004	9	0.50	-135.6	4500	26.90

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1510 Sampling Date: 10/11/11

Sample I.D.: GMW-39 Laboratory: Alpha Analytical

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

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-1 @ —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-STP1	Client: KMEP
Sampler: JC	Start Date: 10/10/11
Well I.D.: GMW-O-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.16	Depth to Water: Pre: 22.89 Post: 22.95
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: 1400 Flow Rate: 500 ml/min Pump Depth: 44'

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
1403	22.6	6.71	3325	14	3.42	-162.2	1500	22.94
1406	23.2	6.74	3422	11	2.11	-155.2	3000	22.95
1409	23.6	6.77	3433	10	2.01	-150.7	4500	22.95
1412	23.6	6.79	3467	10	1.96	-152.9	6000	22.95
1415	23.7	6.80	3469	10	1.92	-152.6	7500	22.95
1418	23.7	6.80	3470	10	1.90	-153.3	9000	22.95

Did well dewater? Yes (No) Amount actually evacuated: 9000 ml

Sampling Time: 1420 Sampling Date: 10/10/11

Sample I.D.: GMW-O-1 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 #: 111010-STP1	Client: KMEP
Sampler: JL	Start Date: 10/10/11
Well I.D.: GMW-02	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.31	Depth to Water: Pre: 23.98 Post: 24.01
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: 1431 Flow Rate: 300 ml/min Pump Depth: 44'

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
1434	22.6	6.87	4232	21	0.93	-213.7	900	24.00
1437	23.1	6.80	4272	17	0.75	-214.0	1800	24.00
1440	23.7	6.78	4247	15	0.67	-215.9	2700	24.00
1443	23.7	6.77	4240	14	0.64	-217.2	3600	24.01
1446	23.9	6.77	4242	14	0.61	-218.5	4500	24.01
1449	24.0	6.76	4239	13	0.60	-219.9	5400	24.01

Did well dewater? Yes (No) Amount actually evacuated: 5400 ml

Sampling Time: 1450 Sampling Date: 10/10/11

Sample I.D.: GMW-02 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 #: 111010-5F1	Client: KMEP
Sampler: JL	Start Date: 10/10/11
Well I.D.: GMW-0-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 48.45	Depth to Water: Pre: 23.70 Post: 23.71
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: 1500 Flow Rate: 300 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
1503	22.4	7.19	3714	48	1.68	-161.1	900	23.71
1506	23.2	7.11	3697	33	1.40	-175.9	1800	23.71
1509	23.6	7.08	3702	28	1.09	-183.8	2700	23.71
1512	23.9	7.06	3695	27	1.03	-187.1	3600	23.71
1515	24.0	7.05	3698	26	1.01	-189.7	4500	23.71

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1520 Sampling Date: 10/10/11

Sample I.D.: GMW-0-3 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-0-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.68	Depth to Water: Pre: 23.31 Post: 23.35
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: 0847 Flow Rate: 500mL/min Pump Depth: 44'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
0850	22.08	6.86	3721	10	1.03	147.1	1500	23.35
0853	22.55	6.40	3729	9	1.04	136.5	3000	23.35
0856	22.69	6.45	3728	7	1.40	127.4	4500	23.35
0854	22.82	6.47	3725	6	1.49	120.5	6000	23.35
0902	22.84	6.46	3718	6	1.43	117.9	7500	23.35
0905	22.86	6.50	3717	5	1.41	114.7	9000	23.35

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0906 Sampling Date: 10-11-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-0-4(M10)	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 61.49	Depth to Water: Pre: 31.36 Post: 31.44
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: 0917 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
0920	21.98	7.12	1387	9	0.42	36.7	1500	31.44
0923	22.43	7.03	1403	9	0.37	14.4	3000	31.44
0926	22.84	7.05	1392	7	0.37	-7.1	4500	31.44
0929	22.94	7.05	1381	6	0.36	-20.4	6000	31.44
0932	23.06	7.03	1348	6	0.38	-29.5	7500	31.44
0935	23.04	7.04	1309	5	0.40	-32.5	9000	31.44
0938	23.08	7.02	1297	5	0.38	-37.5	10500	31.44

Did well dewater? Yes (No) Amount actually evacuated: 10500 mL

Sampling Time: 0939 Sampling Date: 10-11-11

Sample I.D.: GMW-0-4(M10) Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-O-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 48.92	Depth to Water: Pre: 23.93 Post: 23.97
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: 0950 Flow Rate: 500mL/min. Pump Depth: 44'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0953	21.95	6.72	3231	10	0.65	22.5	1500	23.96
0956	22.31	6.88	3205	9	0.61	14.4	3000	23.96
0959	22.48	7.02	3186	8	0.65	16.9	4500	23.96
1002	22.61	7.05	3121	7	0.68	14.7	6000	23.96
1005	22.69	7.04	3084	6	0.63	13.8	7500	23.97
1008	22.71	7.02	3033	6	0.61	12.7	9000	23.97

Did well dewater? Yes (No)	Amount actually evacuated: 9000mL
Sampling Time: 1009	Sampling Date: 10-11-11
Sample I.D.: GMW-O-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: (See COC)
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-6-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.72	Depth to Water: Pre: 21.70 Post: 21.77
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: 1023 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
1031	22.23	7.26	2060	182	0.43	56.6	1500	21.76
1034	22.48	7.19	2046	181	0.41	50.7	3000	21.76
1037	22.67	7.16	2041	118	0.47	46.1	4500	21.76
1040	22.81	7.13	2041	52	0.59	41.4	6000	21.77
1043	22.87	7.11	2042	24	0.58	38.1	7500	21.77
1046	22.88	7.10	2041	16	0.59	36.5	9000	21.77

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1047 Sampling Date: 10-11-11

Sample I.D.: GMW-6-7 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-O-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.54	Depth to Water: Pre: 21.71 Post: 22.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (3) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other____

Start Purge Time: 1059 Flow Rate: 500mL/min. Pump Depth: 44'

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
1102	22.25	6.93	3213	12	0.34	73.8	1500	22.77
1105	22.61	6.88	3219	10	0.50	68.1	3000	22.77
1108	22.76	6.87	3220	9	0.61	62.4	4500	22.78
1111	22.84	6.86	3220	8	0.62	57.6	6000	22.78
1114	22.90	6.84	3219	7	0.62	54.1	7500	22.78
1117	22.91	6.84	3218	7	0.58	51.3	9000	22.78

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1118 Sampling Date: 10-11-11

Sample I.D.: GMW-O-8 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-0-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.13	Depth to Water: Pre: 25.16 Post: 25.21
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: 1136 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
1139	21.24	7.04	2580	11	0.96	107.7	1500	25.21
1142	21.72	6.95	2579	8	1.26	98.4	3000	25.21
1145	22.00	6.94	2585	8	1.18	87.0	4500	25.21
1148	22.14	6.94	2590	7	1.06	83.4	6000	25.21
1151	22.18	6.93	2595	6	0.99	79.9	7500	25.21
1154	22.20	6.93	2300	6	0.98	76.5	9000	25.21

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1155 Sampling Date: 10-11-11

Sample I.D.: GMW-0-9 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/13/11
Well I.D.: GMW-O-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.00	Depth to Water: Pre: 26.29 Post: 26.34
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: 1006 Flow Rate: 300 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
1009	21.7	7.37	2516	8	0.62	-148.2	900	26.33
1012	22.0	7.30	2526	7	0.49	-151.7	1800	26.34
1015	22.3	7.25	2527	7	0.44	-158.0	2700	26.34
1018	22.4	7.22	2530	6	0.42	-161.1	3600	26.34
1021	22.5	7.20	2531	6	0.40	-163.3	4500	26.34

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1025 Sampling Date: 10/13/11

Sample I.D.: GMW-O-10 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 #: 111010-SP1	Client: KMEP
Sampler: SF	Start Date: 10-19-11
Well I.D.: GMW-0-11	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 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 access well due to pump							
	in well. Port not producing water.							
—	No Sample taken			—				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-S1	Client: KMEP
Sampler: SF	Start Date: 10-13-11
Well I.D.: GMW-0-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 37.28	Depth to Water: Pre: 24.68 Post: 24.78
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: 1027 Flow Rate: 500mL/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
1030	23.31	7.51	2717	91	0.85	-56.2	1500	24.77
1033	23.39	7.28	2714	80	1.19	-63.0	3000	24.77
1036	23.82	7.11	2720	72	0.66	-68.7	4500	24.78
1039	23.86	7.08	2719	64	0.47	-72.6	6000	24.78
1042	24.03	7.05	2716	60	0.37	-77.1	7500	24.78
1045	24.05	7.05	2714	56	0.34	-80.1	9000	24.78
1048	24.11	7.06	2715	54	0.32	-82.5	10500	24.78

Did well dewater? Yes (No) Amount actually evacuated: 10500mL

Sampling Time: 1049 Sampling Date: 10-13-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: EB-6 @ Time 1055 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: GMW-0-14	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.69	Depth to Water: Pre: 25.16 Post: 25.24
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: 1401 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
1404	23.61	7.37	2366	24	1.02	-72.8	1500	25.24
1407	24.08	7.09	2356	21	0.47	-82.4	3000	25.24
1410	24.21	7.08	2351	17	0.92	-86.4	4500	25.24
1413	24.32	7.07	2345	15	0.88	-90.9	6000	25.24
1416	24.34	7.06	2333	14	0.86	-94.9	7500	25.24
1419	24.40	7.05	2328	14	0.84	-95.8	9000	25.24

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1420 Sampling Date: 10-12-11

Sample I.D.: GMW-0-14 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-4

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-581	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GMW-0-15	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 | Peristaltic Pump | Bladder Pump (Bail)
Sampling Method: Dedicated Tubing | New Tubing | Other Ext. Bail

Start Purge Time: 1449 Flow Rate: 200mL/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
1452	22.46	7.12	2551	13	0.66	-63.8	600	—
1455	22.47	6.94	2533	11	0.75	-73.2	1200	—
1458	22.44	6.87	2502	10	0.55	-83.6	1800	—
1501	22.42	6.84	2489	8	0.46	-87.4	2400	—
1504	22.44	6.85	2469	7	0.44	-90.0	3000	—
1507	22.45	6.86	2473	6	0.41	-93.0	3600	—

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

Sampling Time: 1508 Sampling Date: 10-13-11

Sample I.D.: GMW-0-15 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: (See COC)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-0-16	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 48.75	Depth to Water: Pre: 25.53 Post: 25.60
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: 1408 Flow Rate: 500mL/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
1411	21.57	6.93	1694	11	0.54	59.6	1500	25.60
1414	21.98	6.83	1695	10	0.45	54.2	3000	25.60
1417	22.20	6.83	1696	8	0.42	47.5	4500	25.60
1420	22.25	6.84	1696	8	0.47	41.7	6000	25.60
1423	22.28	6.84	1697	8	0.43	38.5	7500	25.60
1426	22.30	6.83	1697	7	0.48	35.1	9000	25.60

Did well dewater? Yes (No)	Amount actually evacuated: 9000mL
Sampling Time: 1427	Sampling Date: 10-11-11
Sample I.D.: GMW-0-16	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: (See) COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
Well I.D.: GMW-0-17	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 39.68	Depth to Water: Pre: 24.71 Post: 24.78
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: 1501 Flow Rate: 500mL/min. Pump Depth: 34'

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
1504	21.64	6.72	1909	8	2.38	73.5	1500	24.77
1507	22.17	6.63	1910	8	2.35	70.8	3000	24.77
1510	22.53	6.65	1907	7	2.54	67.4	4500	24.78
1513	22.62	6.67	1906	6	2.56	66.7	6000	24.78
1515	22.63	6.68	1904	6	2.58	66.1	7500	24.78
1518	22.63	6.67	1905	5	2.54	65.9	9000	24.78

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1519 Sampling Date: 10-10-11

Sample I.D.: GMW-0-17 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 1110-SP1	Client: KMEP
Sampler: SP	Start Date: 10-14-11
Well I.D.: 6-MW-0-18	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 (6.0)
Sampling Method: Dedicated Tubing | New Tubing | Other Ext. port

Start Purge Time: 0731 Flow Rate: 500mL/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
0734	19.22	6.74	2362	12	0.70	-75.4	1500	—
0737	19.18	6.78	2361	10	0.68	-100.7	3000	—
0740	19.24	6.81	2373	8	1.96	-123.9	4500	—
0743	19.38	6.81	2395	6	1.89	-134.8	6000	—
0746	19.46	6.79	2402	6	1.96	-137.1	7500	—
0749	19.50	6.77	2415	5	1.99	-135.6	9000	—

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0750 Sampling Date: 10-14-11

Sample I.D.: 6mw-0-18 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-7

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-0-19	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 40.12	Depth to Water: Pre: 25.40 Post: 25.46
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: 1337 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
1340	21.97	7.21	1764	15	0.28	52.7	1500	25.46
1343	22.28	7.00	1763	12	0.25	47.2	3000	25.46
1346	22.39	6.96	1762	9	0.26	42.1	4500	25.46
1349	22.47	6.95	1760	8	0.32	37.9	6000	25.46
1352	22.49	6.92	1752	6	0.35	34.5	7500	25.46
1355	22.52	6.91	1749	5	0.31	32.1	9000	25.46

Did well dewater? Yes (No) Amount actually evacuated: 9000 mL

Sampling Time: 1356 Sampling Date: 10-11-11

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

Analyzed for: TPHg TPHfp VOC's MTBE (Other): See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GMW-0-20	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 31.14	Depth to Water: Pre: 24.05 Post: 24.16
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: 0939 Flow Rate: 500mL/min. Pump Depth: 30.5'

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
0942	24.46	6.89	2770	898	0.90	-131.6	1500	24.15
0945	24.69	6.81	2761	675	1.22	-144.7	3000	24.15
0948	25.08	6.77	2796	392	0.80	-156.4	4500	24.15
0951	25.26	6.76	2809	307	0.50	-163.7	6000	24.16
0954	25.40	6.75	2819	251	0.46	-165.8	7500	24.16
0957	25.36	6.77	2832	204	0.45	-167.9	9000	24.16

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0958 Sampling Date: 10-13-11

Sample I.D.: GMW-0-20 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/14/11
Well I.D.: ~~MW-SF~~ GMW-O-21	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: ext. Pump	Depth to Water: Pre: 24.65 Post: 24.65
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 ext. Pump

Start Purge Time: 1017 Flow Rate: 300 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
1020	25.2	7.92	2220	11	5.42	-47.0	900	—
1023	25.2	7.92	2243	8	5.58	-49.8	1800	—
1026	25.3	7.88	2240	8	5.43	-50.1	2700	—
1029	25.4	7.84	2237	7	5.40	-50.7	3600	—
1032	25.4	7.84	2235	7	5.36	-51.0	4500	—

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1035	Sampling Date: 10/14/11
Sample I.D.: GMW-O-21	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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/13/10
Well I.D.: GMW-0-23	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 29.10	Depth to Water: Pre: 25.25 Post: 25.32
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: 300 ml/min Pump Depth: 28'

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
0928	24.0	7.42	2282	13	0.94	-152.0	900	25.31
0931	24.3	7.60	2287	10	0.80	-169.0	1800	25.31
0934	24.3	7.27	2284	7	0.39	-171.3	2700	25.32
0937	24.7	7.24	2283	7	0.38	-173.0	3600	25.32
0940	24.9	7.22	2283	7	0.37	-174.6	4500	25.32

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 0945	Sampling Date: 10/13/11
Sample I.D.: GMW-0-23	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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: MW-SF-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 51.38	Depth to Water: Pre: 29.60 Post: 29.71
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: 1304 Flow Rate: 500 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
1307	26.38	7.32	1787	19	0.46	-294.1	1500	29.70
1310	26.49	7.06	1784	15	0.41	-317.7	3000	29.70
1313	26.54	7.04	1780	14	0.51	-327.3	4500	29.70
1316	26.42	7.03	1775	14	0.54	-328.9	6000	29.71
1319	26.48	7.05	1769	13	0.49	-330.4	7500	29.71
1322	26.50	7.05	1760	12	0.49	-330.0	9000	29.71

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1323	Sampling Date: 10-12-11
Sample I.D.: MW-SF-1	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: MW-SF-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.78	Depth to Water: Pre: 29.82 Post: 29.92
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: 0831 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
0834	22.60	6.90	2562	15	1.50	-139.6	1500	29.92
0837	23.42	6.93	2566	14	1.54	-153.8	3000	29.92
0840	23.79	6.95	2569	14	0.91	-161.7	4500	29.92
0843	23.99	6.96	2564	13	0.60	-165.4	6000	29.92
0846	24.05	6.95	2556	11	0.56	-166.3	7500	29.92
0849	24.04	6.94	2550	10	0.54	-166.9	9000	29.92

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0850 Sampling Date: 10-13-11

Sample I.D.: MW-SF-2 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SF1	Client: KMEP
Sampler: SP	Start Date: 10-14-11
Well I.D.: MW-SF-3	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 (Post)
Sampling Method: Dedicated Tubing | New Tubing | Other Ext. port

Start Purge Time: 1025 Flow Rate: 200mL/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
1029	25.15	7.05	2066	9	2.61	-52.2	600	—
1031	25.21	6.92	2061	7	2.06	-63.7	1200	—
1034	25.18	6.89	2055	6	1.08	-78.4	1800	—
1037	25.16	6.88	2056	6	0.71	-80.9	2400	—
1040	25.18	6.86	2050	5	0.68	-84.3	3000	—
1043	25.20	6.87	2058	5	0.64	-86.4	3600	—

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

Sampling Time: 1044 Sampling Date: 10-14-11

Sample I.D.: MW-SF-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/13/11
Well I.D.: MW-5F-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 60.80	Depth to Water: Pre: 31.28 Post: 31.30
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: 0740 Flow Rate: 300 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
0743	18.1	6.81	3766	10	0.67	156.7	900	31.30
0746	23.8	6.91	3694	8	0.59	128.6	1800	31.30
0749	24.5	6.88	3703	8	0.50	120.4	2700	31.30
0752	24.7	6.88	3706	8	0.48	117.2	3600	31.30
0755	24.8	6.87	3709	8	0.46	112.8	4500	31.30

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 0800 Sampling Date: 10/13/11

Sample I.D.: MW-5F-5 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: MW-SF-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 41.51	Depth to Water: Pre: 28.21 Post: 28.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other____

Start Purge Time: 0749 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
0752	22.51	6.91	2867	10	2.16	-116.6	1500	28.31
0755	22.75	6.93	2866	9	3.66	-137.2	3000	28.31
0758	22.91	6.94	2864	8	2.75	-145.8	4500	28.31
0801	23.08	6.95	2864	7	0.90	-150.8	6000	28.31
0804	23.17	6.96	2857	7	0.88	-153.7	7500	28.31
0807	23.13	6.97	2854	7	0.93	-156.5	9000	28.31

Did well dewater? Yes (No) Amount actually evacuated: 9000 mL

Sampling Time: 0808 Sampling Date: 10-13-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-5

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/12/11
Well I.D.: MW-SF-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 37.41	Depth to Water: Pre: 25.02 Post: 25.08
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: 1025 Flow Rate: 300 ml/min Pump Depth: 32'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1028	25.3	7.60	1037	13	0.64	-71.3	900	25.07
1031	26.2	7.50	1033	10	0.50	-79.2	1800	25.07
1034	26.7	7.41	1035	8	0.48	-83.0	2700	25.08
1037	27.0	7.38	1036	8	0.47	-85.9	3600	25.08
1040	27.2	7.35	1036	8	0.45	-89.1	4500	25.08

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1045 Sampling Date: 10/12/11

Sample I.D.: MW-SF-9 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 #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/13/11
Well I.D.: MW-SF-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 30.30	Depth to Water: Pre: 26.76 Post: 26.77
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: 1250 Flow Rate: 300 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
1253	28.7	8.85	1957	30	1.13	-162.7	900	26.75
1256	29.1	8.70	1925	16	0.40	-175.7	1800	26.76
1259	28.9	8.69	1924	14	0.38	-180.3	2700	26.76
1302	29.3	8.70	1920	13	0.36	-183.1	3600	26.77
1305	29.4	8.71	1917	13	0.35	-185.4	4500	26.77

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1310	Sampling Date: 10/13/11
Sample I.D.: MW-SF-10	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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: MW-SF-11	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.80	Depth to Water: Pre: 30.10 Post: 30.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) (New Tubing) Other_____

Start Purge Time: 1300 Flow Rate: 500mL/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
1303	23.96	7.30	3080	34	0.64	-178.4	1500	30.21
1306	24.31	7.15	3080	26	0.89	-201.1	3000	30.21
1309	24.35	7.14	3075	24	0.67	-209.2	4500	30.22
1312	24.39	7.15	3067	21	0.46	-215.9	6000	30.22
1315	24.42	7.15	3059	20	0.39	-219.2	7500	30.22
1318	24.40	7.15	3057	18	0.43	-221.6	9000	30.22

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1319 Sampling Date: 10-13-11

Sample I.D.: MW-SF-11 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/13/11
Well I.D.: MW-SF-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.62	Depth to Water: Pre: 26.60 Post: 26.63
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: 1130 Flow Rate: 300 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
1133	24.8	6.95	4351	62	1.64	-152.4	900	26.63
1136	25.2	6.91	4336	33	1.57	-152.6	1800	26.63
1139	25.6	6.88	4318	30	1.35	-153.0	2700	26.63
1142	25.8	6.89	4330	28	1.31	-154.6	3600	26.63
1145	25.9	6.87	4334	26	1.29	-155.9	4500	26.63

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1150	Sampling Date: 10/13/11
Sample I.D.: MW-SF-12	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.: DUP-6

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-14-11
Well I.D.: MW-5F-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 39.15	Depth to Water: Pre: 26.02 Post: 26.10
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: 0920 Flow Rate: 500mL/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
0923	23.81	6.96	2684	29	0.87	-115.0	1500	26.09
0926	24.61	6.89	2691	24	0.62	-139.4	3000	26.09
0929	24.67	6.87	2693	20	0.46	-144.3	4500	26.09
0932	24.80	6.85	2677	17	0.31	-154.7	6000	26.09
0935	24.83	6.86	2674	16	0.29	-156.5	7500	26.10
0938	24.89	6.85	2668	16	0.26	-159.0	9000	26.10

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0939 Sampling Date: 10-14-11

Sample I.D.: MW-5F-13 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: (See COC)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/13/11
Well I.D.: MW-SF-14	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.86	Depth to Water: Pre: 29.84 Post: 29.88
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: 0815 Flow Rate: 300 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
0818	23.9	7.23	3415	40	0.63	28.7	900	29.87
0821	24.1	7.06	3411	29	0.50	29.7	1800	29.87
0824	24.6	7.11	3407	25	0.43	0.2	2700	29.88
0827	24.9	7.10	3410	24	0.41	-3.7	3600	29.88
0830	25.0	7.09	3412	23	0.39	-7.2	4500	29.88

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 0835	Sampling Date: 10/13/11
Sample I.D.: MW-SF-14	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 #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/14/11
Well I.D.: MW-SF-15	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: Ext. Pump	Depth to Water: Pre: 34.30 Post: 34.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ext. pump

Start Purge Time: 0905 Flow Rate: 300 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
0908	23.7	7.87	2305	10	1.91	-133.1	900	—
0911	23.7	7.73	2288	8	1.53	-138.7	1800	—
0914	23.7	7.67	2295	7	1.20	-142.8	2700	—
0917	23.7	7.64	2296	7	1.22	-145.2	3600	—
0920	23.7	7.62	2298	7	1.24	-145.8	4500	—

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 0925 Sampling Date: 10/14/11

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.: DUP-9

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JL	Start Date: 10/14/11
Well I.D.: MW-SF-16	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: ext. Pump	Depth to Water: Pre: 32.88 Post: 32.89
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 ext. pump ✓

Start Purge Time: 0940 Flow Rate: 300 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
0943	24.2	7.66	1872	8	1.85	-135.3	900	—
0946	24.2	7.55	1870	7	1.30	-142.7	1800	—
0949	24.3	7.54	1871	7	1.04	-148.5	2700	—
0952	24.3	7.53	1872	7	0.98	-150.0	3600	—
0955	24.3	7.52	1874	6	0.95	-152.7	4500	—

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1000 Sampling Date: 10/14/11

Sample I.D.: MW-SF-16 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 #: 111010 - sp1	Client: KMEP
Sampler: SO	Start Date: 10-12-11
Well I.D.: MW-3F-4	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	access	well.				
	Unable	to	remove	PVC cap from well.				
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-SF-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.35	Depth to Water: Pre: 26.93 Post: 27.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other____

Start Purge Time: 0718 Flow Rate: 500mL/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
0721	21.25	7.21	582	10	3.36	196.7	1500	27.00
0724	21.74	7.22	583	8	3.34	187.0	3000	27.00
0727	21.93	7.26	583	7	3.31	174.5	4500	27.00
0730	22.02	7.28	582	7	3.30	171.5	6000	27.00
0733	22.01	7.28	582	6	3.29	168.7	7500	27.00
0736	22.04	7.29	583	5	3.27	165.3	9000	27.00

Did well dewater? Yes (No)	Amount actually evacuated: 9000mL
Sampling Time: 0737	Sampling Date: 10-11-11
Sample I.D.: GMW-SF-7	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-301	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-SF-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 43.63	Depth to Water: Pre: 28.18 Post: 28.26
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: 0750 Flow Rate: 500mL/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
0753	21.59	7.23	1696	56	1.85	145.3	1500	28.26
0756	22.12	7.21	1700	25	1.84	137.6	3000	28.26
0759	22.36	7.21	1700	20	1.88	131.1	4500	28.26
0802	22.52	7.21	1699	18	1.90	126.5	6000	28.26
0805	22.56	7.21	1698	17	1.92	124.9	7500	28.26
0808	22.57	7.21	1697	16	1.90	121.9	9000	28.26

Did well dewater? Yes (No)	Amount actually evacuated: 9000mL
Sampling Time: 0809	Sampling Date: 10-11-11
Sample I.D.: GMW-SF-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: EB-2 @ Time 0815	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: GMW-SF-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 46.51	Depth to Water: Pre: 24.70 Post: 24.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (3) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (3) New Tubing Other ____

Start Purge Time: 1452 Flow Rate: 500mL/min. Pump Depth: 41'

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
1455	22.45	7.29	573	13	0.25	50.3	1500	24.81
1458	22.70	7.24	586	12	0.22	27.3	3000	24.81
1501	22.74	7.25	602	12	0.21	-24.8	4500	24.81
1504	22.74	7.26	656	11	0.20	-84.1	6000	24.81
1507	22.76	7.27	675	11	0.18	-81.6	7500	24.81
1510	22.75	7.25	698	10	0.19	-89.5	9000	24.81

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1511 Sampling Date: 10-11-11

Sample I.D.: GMW-SF-9 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: (See COC)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: JC	Start Date: 10/12/11
Well I.D.: GMW-SF-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 47.00	Depth to Water: Pre: 27.60 Post: 27.64
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: 0823 Flow Rate: 300 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
0826	21.6	7.66	735	12	0.97	102.7	900	27.63
0829	22.2	7.62	742	10	0.62	91.5	1800	27.63
0832	23.3	7.52	740	9	0.48	80.2	2700	27.64
0835	23.4	7.49	736	9	0.46	75.5	3600	27.64
0838	23.5	7.47	734	9	0.44	72.0	4500	27.64

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 0840	Sampling Date: 10/12/11
Sample I.D.: GMW-SF-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.: DUP-2

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 - SP1	Client: KMEP
Sampler: SC	Start Date: 10/11/11
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 52.11	Depth to Water: Pre: 29.04 Post: 29.07
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: 1150 Flow Rate: 300 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
1153	23.7	7.22	2901	67	1.18	-90.4	900	29.06
1156	24.3	7.14	2921	22	0.36	-112.0	1800	29.06
1159	24.6	7.06	2949	17	0.32	-122.2	2700	29.07
1202	24.9	7.03	2955	16	0.29	-127.9	3600	29.07
1205	25.1	7.01	2958	16	0.28	-130.1	4500	29.07

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1210	Sampling Date: 10/11/11
Sample I.D.: MW-6	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 #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 53.67	Depth to Water: Pre: 30.02 Post: 30.06
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: 1315 Flow Rate: 300ml/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1318	24.0	6.89	3675	71	0.55	-131.1	900	30.05
1321	24.5	6.85	3694	49	0.36	-143.1	1800	30.05
1324	24.6	6.83	3693	44	0.34	-145.8	2700	30.06
1327	24.8	6.81	3695	41	0.33	-148.4	3600	30.06
1330	24.9	6.80	3698	40	0.32	-150.7	4500	30.06

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1335 Sampling Date: 10/11/11

Sample I.D.: MW-7 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 #: 111010-5TP	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 51.81	Depth to Water: Pre: 27.65 Post: 27.71
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: 1415 Flow Rate: 300 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
1418	23.3	6.84	1774	23	0.83	-90.1	900	27.70
1421	23.4	6.80	1781	16	0.37	-108.2	1800	27.70
1424	23.9	6.78	1796	14	0.30	-118.0	2700	27.70
1427	24.0	6.76	1804	13	0.27	-122.6	3600	27.71
1430	24.1	6.75	1809	13	0.26	-126.0	4500	27.71

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1435 Sampling Date: 10/11/11

Sample I.D.: MW-8 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 51.99	Depth to Water: Pre: 28.66 Post: 28.75
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: 1201 Flow Rate: 500mL/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
1204	23.67	6.83	1761	12	0.48	-129.5	1500	28.74
1207	23.91	6.66	1761	11	0.69	-138.8	3000	28.74
1210	24.16	6.61	1754	9	0.42	-145.2	4500	28.74
1213	24.23	6.60	1739	9	0.35	-149.3	6000	28.75
1216	24.27	6.59	1728	8	0.35	-150.5	7500	28.75
1219	24.29	6.59	1714	8	0.33	-151.8	9000	28.75

Did well dewater? Yes (No) Amount actually evacuated: 9000mL
Sampling Time: 1220 Sampling Date: 10-12-11
Sample I.D.: MW-9 Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 62.10	Depth to Water: Pre: 27.92 Post: 27.97
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: 1035 Flow Rate: 300 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
1038	22.0	7.30	1083	22	3.07	111.7	900	27.96
1041	22.5	7.25	1087	20	2.76	108.2	1800	27.97
1044	23.0	7.20	1089	19	2.71	104.6	2700	27.97
1047	23.2	7.21	1090	18	2.63	100.2	3600	27.97
1050	23.4	7.21	1091	17	2.60	98.3	4500	27.97

Did well dewater? Yes (No)	Amount actually evacuated: 4500 ml
Sampling Time: 1055	Sampling Date: 10/11/11
Sample I.D.: MW-12	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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: —	Depth to Water: Pre: 29.30 Post: 29.40
Depth to Free Product: 28.59	Thickness of Free Product (feet): 0.71
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump (Waterra)
Sampling Method: Dedicated Tubing | New Tubing w/ Check valve | Other ____

Start Purge Time: 1033 Flow Rate: 200mL/min. Pump Depth: 44'

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
1036	24.42	6.89	1509	171	1.18	-171.4	600	29.40
1039	25.66	6.80	1493	206	1.32	-191.7	1200	29.40
1042	25.91	6.81	1500	409	1.40	-218.7	1800	29.40
1045	26.06	6.79	1506	871	1.28	-225.9	2400	29.40
1048	26.12	6.79	1509	71000	1.31	-229.6	3000	29.40
1051	26.13	6.80	1501	71000	1.35	-231.8	3600	29.40

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

Sampling Time: 1052 Sampling Date: 10-12-11

Sample I.D.: MW-5 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 1110-SP1	Client: KMEP
Sampler: SF	Start Date: 10-12-11
Well I.D.: MW-18(MIP)	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 65.44	Depth to Water: Pre: 31.51 Post: 31.61
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: 1451 Flow Rate: 500mL/min. Pump Depth: 60'

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
1454	24.13	7.10	2030	10	3.73	-90.2	1500	31.61
1457	24.43	6.87	2065	10	3.80	-79.7	3000	31.61
1500	25.01	6.81	2070	9	3.87	-71.1	4500	31.61
1503	24.98	6.82	2069	9	3.32	-76.6	6000	31.61
1506	24.99	6.80	2063	8	3.23	-77.0	7500	31.61
1509	25.06	6.82	2061	7	3.26	-75.5	9000	31.61

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1510 Sampling Date: 10-12-11

Sample I.D.: MW-18(MIP) Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: MW-19 (MID)	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 61.95	Depth to Water: Pre: 32.64 Post: 32.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1342 Flow Rate: 300 ml/min Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1345	24.1	7.20	2894	30	1.03	-126.3	900	32.67
1348	25.2	7.07	3127	21	1.36	-130.6	1800	32.68
1351	24.8	7.02	3169	17	0.96	-134.3	2700	32.68
1354	24.4	6.99	3171	15	0.92	-134.2	3600	32.68
1357	24.5	6.97	3169	14	0.90	-136.5	4500	32.68

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1400 Sampling Date: 10/11/11

Sample I.D.: MW-19 (MID) 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 #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: MW-20 (MID)	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 56.78	Depth to Water: Pre: 31.55 Post: 31.57
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: 1220 Flow Rate: 300ml/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
1223	24.2	6.92	2492	12	1.84	-149.1	900	31.55
1226	24.2	6.95	2542	10	1.61	-154.7	1800	31.56
1229	24.5	6.90	2533	9	1.58	-155.8	2700	31.56
1232	24.7	6.88	2530	9	1.60	-156.3	3600	31.57
1235	24.8	6.87	2528	9	1.57	-158.0	4500	31.57

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1240 Sampling Date: 10/11/11

Sample I.D.: MW-20 (MID) 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-14-11
Well I.D.: MW-D-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 32.78	Depth to Water: 26.52 Post: 26.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: SST

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____
Flow Rate: 500mL/min 1126 Pump Depth: 29.5'

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
1129	23.49	7.26	2016	71000	0.91	-258.6	1500	26.60
1132	24.36	7.10	2036	491	0.78	-294.1	3000	26.60
1135	24.78	7.08	2042	312	0.52	-302.1	4500	26.61
1138	24.91	7.07	2050	191	0.39	-303.6	6000	26.61
1141	24.96	7.10	2049	174	0.41	-301.4	7500	26.62
1144	24.98	7.09	2041	170	0.38	-306.8	9000	26.62

Did well dewater? Yes (No) Amount actually evacuated: 9000mL
Sampling Time: 1145 Sampling Date: 10-14-11
Sample I.D.: MW-D-1 Laboratory: Alpha
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 #: 1110 10 - SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: MW-0-2	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	access	well.				
	Pump	stuck	in	well. Unable	to	access		
	port (no	production)	.					
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: WCW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.56	Depth to Water: Pre: 28.64 Post: 28.76
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: 1228 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
1231	21.84	6.83	3492	9	0.61	92.4	1500	28.75
1234	22.25	6.78	3472	8	0.39	86.4	3000	28.76
1237	22.35	6.77	3402	7	0.36	81.5	4500	28.76
1240	22.38	6.75	3342	7	0.45	76.0	6000	28.76
1243	22.43	6.75	3326	7	0.42	72.5	7500	28.76
1246	22.45	6.77	3303	6	0.40	69.8	9000	28.76

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1247 Sampling Date: 10-11-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-MH1	Client: Parsons @ Norwalk
Sampler: M. Hanson	Gauging Date: 10/13/11
Well I.D.: WCW-6	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 51.49	Depth to Water (ft.): 27.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other W.S

Start Purge Time: 1301 Flow Rate: 300 mL/min Pump Depth: 38.7

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.)
1301	24.41	6.57	3112	29	1.46	-21.7	900	27.43
1307	23.84	6.58	3091	22	0.98	-21.3	1800	27.45
1310	23.79	6.58	3086	16	0.96	-22.0	2700	27.45
1313	23.68	6.58	3082	12	0.96	-22.2	3600	27.45
1316	23.66	6.58	3078	11	0.95	-22.3	4500	27.45
1319	23.64	6.59	3077	11	0.95	-22.5	5400	27.45
1320 — Parameters Stable; Collect Sample —								

Did well dewater? Yes (No) Amount actually evacuated: 5400 mL

Sampling Time: 1320 Sampling Date: 10/13/11

Sample I.D.: WCW-6 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, 1,4-D

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: WCW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 51.57	Depth to Water: Pre: 28.93 Post: 29.01
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: 0954 Flow Rate: 500mL/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
0957	22.23	6.90	3988	8	0.30	-21.3	1500	29.01
1000	22.70	6.85	4003	6	0.25	-30.9	3000	29.01
1003	23.18	6.83	4001	5	0.29	-34.3	4500	29.01
1006	23.43	6.84	3997	5	0.31	-36.4	6000	29.01
1009	23.48	6.84	3986	5	0.33	-37.6	7500	29.01
1012	23.45	6.83	3984	4	0.35	-39.3	9000	29.01

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1013 Sampling Date: 10-12-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-11-11
Well I.D.: WCW-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 60.38	Depth to Water: Pre: 30.30 Post: 30.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other____

Start Purge Time: 1258 Flow Rate: 500mL/min. Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to water
1301	21.37	7.11	2415	787	0.33	66.4	1500	30.40
1304	21.69	6.95	2415	367	0.29	59.6	3000	30.40
1307	21.88	6.97	2412	127	0.27	52.3	4500	30.40
1310	22.06	6.97	2411	96	0.30	45.2	6000	30.40
1313	22.13	6.99	2410	83	0.33	41.8	7500	30.40
1316	22.15	6.98	2411	76	0.34	40.3	9000	30.40

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 1317 Sampling Date: 10-11-11

Sample I.D.: WCW-13 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: BW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 48.23	Depth to Water: Pre: 25.74 Post: 25.82
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: 0804 Flow Rate: 500mL/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
0807	21.36	6.89	1357	10	0.38	-85.5	1500	25.81
0810	21.78	6.87	1361	8	0.34	-97.2	3000	25.81
0813	22.10	6.87	1356	7	0.39	-103.6	4500	25.82
0816	22.20	6.86	1350	6	0.51	-106.1	6000	25.82
0819	22.22	6.87	1346	6	0.50	-107.3	7500	25.82
0822	22.26	6.86	1344	6	0.48	-108.6	9000	25.82

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0823 Sampling Date: 10-12-11

Sample I.D.: BW-6 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-501	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: BW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: —	Depth to Water: Pre: 26.83 Post: 26.90
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: 0835 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
0838	22.48	6.94	2614	11	0.72	-36.1	1500	26.90
0841	22.96	6.87	2628	9	0.40	-59.7	3000	26.90
0844	23.14	6.82	2624	7	0.41	-70.9	4500	26.90
0847	23.26	6.81	2631	7	0.30	-74.1	6000	26.90
0850	23.30	6.80	2640	6	0.32	-76.2	7500	26.90
0853	23.31	6.82	2632	5	0.36	-78.9	9000	26.90

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0854 Sampling Date: 10-12-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: EB-4 @ Time 0900 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-12-11
Well I.D.: BW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: —	Depth to Water: Pre: 27.15 Post: 27.22
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: 0911 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
0914	21.95	7.00	3200	14	0.29	-98.6	1500	27.22
0917	22.63	6.93	3363	13	0.26	-106.3	3000	27.22
0920	23.06	6.92	3400	13	0.27	-111.6	4500	27.22
0923	23.21	6.90	3453	10	0.35	-114.0	6000	27.22
0926	23.28	6.90	3492	9	0.41	-115.3	7500	27.22
0929	23.32	6.89	3516	9	0.38	-117.1	9000	27.22

Did well dewater? Yes (No)	Amount actually evacuated: 9000mL
Sampling Time: 0930	Sampling Date: 10-12-11
Sample I.D.: BW-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: (See COC)
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010 - SP1	Client: KMEP
Sampler: JC	Start Date: 10/13/11
Well I.D.: PZ-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 48.85	Depth to Water: Pre: 25.67 Post: 25.71
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: 1400 Flow Rate: 300 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
1403	25.6	8.17	1191	47	0.90	-204.3	900	25.70
1406	25.2	8.22	1182	40	0.50	-220.7	1800	25.71
1409	25.6	8.09	1181	35	0.48	-225.8	2700	25.71
1412	25.8	8.11	1181	32	0.47	-228.6	3600	25.71
1415	25.9	8.10	1182	31	0.46	-231.9	4500	25.71

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1420 Sampling Date: 10/13/11

Sample I.D.: PZ-2 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-14-11
Well I.D.: PZ-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 38.44	Depth to Water: Pre: 25.55 Post: 25.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 0801 Flow Rate: 500mL/min. Pump Depth: 34'

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
0804	21.00	6.58	2356	15	2.11	-56.5	1500	25.67
0807	21.73	6.61	2319	12	1.63	-62.4	3000	25.67
0810	22.05	6.64	2333	10	0.99	-63.4	4500	25.68
0813	22.19	6.66	2302	10	0.68	-59.7	6000	25.68
0816	22.22	6.66	2297	9	0.67	-64.5	7500	25.68
0819	22.28	6.67	2297	9	0.63	-67.4	9000	25.68

Did well dewater? Yes (No) Amount actually evacuated: 9000mL

Sampling Time: 0820 Sampling Date: 10-14-11

Sample I.D.: PZ-5 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See COC

Equipment Blank I.D.: EB-8 @ Time 0825 Duplicate I.D.: Dup-8

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
Well I.D.: PZ-6	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				
—	No	Sample	taken	—				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 1110-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: P2-10	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	access	well.				
	Insect	problem	(appears	as	if	bees		
	are	occupying	space	inside	well box.)			
—	No	Sample	taken	—				

Did well dewater? Yes No — Amount actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: PW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.02	Depth to Water: Pre: 26.77 Post: 26.81
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: 0912 Flow Rate: 300 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
0915	21.8	7.05	2026	29	0.85	71.8	900	26.80
0918	22.1	7.09	2041	24	0.61	63.2	1800	26.80
0921	22.8	7.12	2042	21	0.39	52.4	2700	26.80
0924	23.0	7.12	2042	19	0.36	47.8	3600	26.81
0927	23.1	7.11	2046	18	0.35	43.3	4500	26.81
0930	23.1	7.10	2045	18	0.34	41.2	5400	26.81

Did well dewater? Yes (No) Amount actually evacuated: 5400 ml

Sampling Time: 0935 Sampling Date: 10/11/11

Sample I.D.: PW-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

Equipment Blank I.D.: EB-3 @ Time 0940 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-sp1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
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: 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	Sample	taken	—				

Did well dewater? Yes No — Amount actually evacuated: ____

Sampling Time: ____ Sampling Date: ____

Sample I.D.: ____ Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: PW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 50.01	Depth to Water: Pre: 25.57 Post: 25.60
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: 1115 Flow Rate: 300ml/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
1118	22.7	7.99	2706	428	0.93	1.9	900	25.60
1121	23.0	8.09	2713	630	0.48	-15.9	1800	25.60
1124	23.5	7.14	27.20	662	0.42	-15.2	2700	25.60
1127	23.8	7.16	2723	654	0.39	-16.4	3600	25.60
1130	23.9	7.18	2728	640	0.40	-17.7	4500	25.60

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 1135 Sampling Date: 10/11/11

Sample I.D.: PW-3 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 #: 111010-5P1	Client: KMEP
Sampler: JL	Start Date: 10/11/11
Well I.D.: HL-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 39.19	Depth to Water: Pre: 28.54 Post: 28.57
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: 0840 Flow Rate: 300 ml/min Pump Depth: 34'

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
0843	21.3	6.67	3427	19	1.53	98.0	900	28.56
0846	21.7	6.61	3469	17	1.02	89.6	1800	28.57
0849	22.5	6.64	3482	15	0.90	79.0	2700	28.57
0852	22.8	6.62	3490	14	0.85	74.0	3600	28.57
0855	23.0	6.63	3494	14	0.82	71.1	4500	28.57

Did well dewater? Yes (No) Amount actually evacuated: 4500 ml

Sampling Time: 0900 Sampling Date: 10/11/11

Sample I.D.: HL-2 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 #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-10-11
Well I.D.: MW-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	well.				
—	No	Sample	taken	—				

Did well dewater? Yes No — Amount actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: GWR-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 49.75	Depth to Water: Pre: 29.22 Post: 29.28
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: 1147 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
1150	22.94	6.84	3207	26	0.80	-87.9	1500	29.28
1153	23.20	6.76	3214	23	0.73	-107.9	3000	29.28
1156	23.31	6.75	3228	21	0.41	-120.4	4500	29.28
1159	23.52	6.76	3241	19	0.35	-130.9	6000	29.28
1202	23.80	6.77	3218	16	0.31	-138.9	7500	29.28
1205	23.88	6.78	3217	15	0.30	-140.1	9000	29.28
1208	23.90	6.78	3211	13	0.29	-144.6	10500	29.28

Did well dewater? Yes (No) Amount actually evacuated: 10500mL

Sampling Time: 1209 Sampling Date: 10-13-11

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: (See COC)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-SP1	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: VEW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 28.85	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	Sample	taken	—				

Did well dewater? Yes No — Amount actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 111010-511	Client: KMEP
Sampler: SP	Start Date: 10-13-11
Well I.D.: VEW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 29.45	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	Sample	taken	____				

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

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PHONE (408) 573-0555

LAB Alpha Analytical COC 1 of 1

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

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

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

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-O-1	10/10/11	1420	AQ	8	HCl	VOAs	X	X				
GMW-O-2		1450					X	X				
GMW-O-3		1520					X	X				
EXP-5		1447					X	X				
TB-1		0720		2			X(2)	X				
EB-1		1450		8			X	X				
EXP-1		0859	AQ	8	HCl	VOAs	X	X				
EXP-2		0955					X	X				
EXP-3		0813					X	X				

SAMPLING COMPLETED DATE 10-10-11 TIME 1545

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY		TIME 1615	RECEIVED BY	DATE	TIME
Sunil Patel			Nicole (Sample Custodian)	10/10/11	1615
RELEASED BY		TIME 1700	RECEIVED BY	DATE	TIME
Nicole (Sample Custodian)			Anthony Stark	10/10/11	1700
RELEASED BY		TIME 1700	RECEIVED BY	DATE	TIME
Anthony Stark					
SHIPPED VIA		TIME SENT	COOLER #		

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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 CountryRd.
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: AQ= Water	CONTAINERS: #	CONTAINERS: Preservation	CONTAINERS: Type	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)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-O-17	10-10-11	1519	AQ	10	HCl, None, HNO3, H2SO4	VOAs, poly	X	X	X	X	X	X	X	X				

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10-10-11	1545	Sunil Patel	Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
S. Patel	1615	Nicole (Sample Custodian)	10/10/11	1615
Nicole (Sample Custodian)	1700	Anthony Stark	10/10/11	1700
Anthony Stark	1700			

SHIPPED VIA	TIME SENT	COOLER #

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CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC 1 of 3

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ=Water	CONTAINERS #	Preservation	Type	CONDUCT ANALYSIS TO DETECT: TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
WCW-3	10-11-11	1247	Aq	8	HCl	VOAs	X	X				
WCW-13		1317					X	X				
GMW-O-4		0906					X	X				
GMW-O-4(MID)		0939					X	X				
GMW-O-5		1009					X	X				
GMW-O-8		1118					X	X				
GMW-O-9		1155					X	X				
GMW-O-16		1427					X	X				
GMW-O-19		1356					X	X				
GMW-SF-7		0737					X	X				

SAMPLING COMPLETED DATE 10-11-11 TIME 1545

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

		TIME			DATE	TIME
RELEASED BY	Sunil Patel	1615	RECEIVED BY	Nicole (SC)	10/11/11	1615
RELEASED BY	Nicole (SC)	1715	RECEIVED BY	Anthony Stark	10/11/11	1715
RELEASED BY	Anthony Stark	1715	RECEIVED BY			

SHIPPED VIA | TIME SENT | COOLER #

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CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC 2 of 3

Billing Information:
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1100 Town and CountryRd.
Orange CA 95112

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

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX (AQ= Water)	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
Gmw-SF-8	10-11-11	0809	AQ	8	HCl	VOAs	X	X				
Gmw-SF-9		1511		↓			X	X				
TB-2		0640		2				X				
EB-2		0815		8			X	X				
MW-6		1210					X	X				
MW-7		1335					X	X				
MW-8		1435					X	X				
MW-12		1055					X	X				
MW-19(mID)		1400					X	X				
MW-20(mID)		1240					X	X				

SAMPLING COMPLETED DATE 10-11-11 TIME 1545

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY Sunil Patel	TIME 1615	RECEIVED BY Nicole (SC)	DATE 10/11/11	TIME 1615
RELEASED BY Nicole (SC)	TIME 1715	RECEIVED BY Anthony Stark	DATE 10/11/11	TIME 1715
RELEASED BY Anthony Stark	TIME 1715	RECEIVED BY	DATE	TIME
SHIPPED VIA	TIME SENT	COOLER #		

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CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 3 of 3

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ= Water	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
PW-3	10-11-11	1135	AQ	8	HCl	VOAs	X	X				
PW-1		0935					X	X				
HL-2		0900					X	X				
GMW-3		1010					X	X				
GMW-13		0735					X	X				
GMW-37		0810					X	X				
GMW-39		1510					X	X				
EB-3		0940					X	X				
PUP-1	↓	—	↓	↓	↓	↓	X	X				

SAMPLING COMPLETED	DATE	TIME
	10-11-11	1545

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Sunil Patel	1615	Nicole (SC)	10/11/11	1615
Nicole (SC)	1715	Anthony Stark	10/11/11	1715
Anthony Stark	1715			

SHIPPED VIA

TIME SENT

COOLER #

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CHAIN OF

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 1

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ= Water	CONTAINERS #	Preservation	Type	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)	ADD'L INFORMATIO	STATUS	CONDITION	LAB SAMPLE #
GMW-0-5	10-11-11	1009	AQ	10	HCl, HNO_3, H_2SO_4, None	VOAs, poly	X	X	X	X	X	X	X	X				
GMW-0-7		1047					X	X	X	X	X	X	X	X				
GMW-0-8		1118					X	X	X	X	X	X	X	X				
GMW-3		1010					X	X	X	X	X	X	X	X				
GMW-39		1510					X	X	X	X	X	X	X	X				

RESULTS NEEDED NO LATER THAN Standard

SAMPLING COMPLETED	DATE 10-11-11	TIME 1545	SAMPLING PERFORMED BY Sunil Patel		
RELEASED BY Sunil Patel	TIME 1615	RECEIVED BY Nicole (SC)	DATE 10/11/11	TIME 1615	
RELEASED BY Nicole (SC)	TIME 1715	RECEIVED BY Anthony Stark	DATE 10/11/11	TIME 1715	
RELEASED BY Anthony Stark	TIME 1715	RECEIVED BY	DATE	TIME	
SHIPPED VIA	TIME SENT	COOLER #			

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CHAIN OF CUSTODY

CLIENT: Kinder Morgan

SITE: DFSP Norwalk
15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

LAB: Alpha Analytical COC 1 of 2

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 (AQ= Water)	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-4	10-12-11	1145	AQ	8	HCl	VOAs	X	X				
GMW-D-14		1420					X	X				
MW-SF-1		1323					X	X				
MW-9		1220					X	X				
MW-15		1052					X	X				
MW-18(MID)		1510					X	X				
WCW-7		1013		↓			X	X				
TB-3		0645		2				X				
EB-4		0900		8			X	X				
DUP-4	↓	—	↓	↓	↓	↓	X	X				

SAMPLING COMPLETED: DATE 10-12-11 TIME 1530

SAMPLING PERFORMED BY: Sunil Patel

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Sunil Patel	1620	Nicole (SC)	10/12/11	1620
Nicole (SC)	1700	Anthony Stark	10/12/11	1700
Anthony Stark	1700			

SHIPPED VIA

TIME SENT

COOLER #

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CHAIN OF CUSTODY

CLIENT: Kinder Morgan

SITE: DFSP Norwalk
15306 Norwalk Blvd, Norwalk

LAB: Alpha Analytical COC 2 of 2

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 (AQ=Water)	CONTAINERS #	Preservation	Type	CONDUCT ANALYSIS TO DETECT: TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-1	10-12-11	1115	AQ	8	HCl	VOAs	X	X				
GMW-14		0930					X	X				
GMW-27		1005					X	X				
GMW-38		0815					X	X				
GMW-SF-10		0840					X	X				
MW-SF-9		1045					X	X				
EB-5		1015					X	X				
DUP-2		—					X	X				
DUP-3		—					X	X				

SAMPLING COMPLETED: DATE 10-12-11 TIME 1530

SAMPLING PERFORMED BY: Sunil Patel

RESULTS NEEDED NO LATER THAN: Standard

		TIME	RECEIVED BY	DATE	TIME
RELEASED BY	Sunil Patel	1620	Nicole (SC)	10/12/11	1620
RELEASED BY	Nicole (SC)	1700	Anthony Stark	10/12/11	1700
RELEASED BY	Anthony Stark	1700	RECEIVED BY	DATE	TIME

SHIPPED VIA

TIME SENT

COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
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CHAIN OF

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC 1 of 1

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ=Water	CONTAINERS #	Preservation	Type	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)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
BW-6	10-12-11	0823	AQ	10	HCl, HNO3, H2SO4, None	VOA, poly	X	X	X	X	X	X	X	X				
BW-7		0854					X	X	X	X	X	X	X	X				
BW-8		0930					X	X	X	X	X	X	X	X				
MW-15		1052					X	X	X	X	X	X	X	X				

SAMPLING COMPLETED DATE 10-12-11 TIME 1530

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Sunil Patel	1620	Nicole (SC)	10/12/11	1620
Nicole (SC)	1700	Anthony Stark	10/12/11	1700
Anthony Stark	1700			

SHIPPED VIA

TIME SENT

COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
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CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 3

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

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

SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-3	10-13-11	1209	AQ	8	HCl	VOAs	X	X				
GMW-9		1126					X	X				
GMW-24		1435					X	X				
GMW-36		1531					X	X				
MW-SF-2		0850					X	X				
MW-SF-6		0808					X	X				
MW-SF-11		1319					X	X				
GMW-D-12		1049					X	X				
GMW-D-15		1508					X	X				
GMW-D-20		0958					X	6				

SAMPLING COMPLETED DATE 10-13-11 TIME 1600

SAMPLING PERFORMED BY Juni Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	Juni Patel	TIME 1635	RECEIVED BY	Nicole (Sample Custodian)	DATE 10/13/11 TIME 1635
RELEASED BY	Nicole (Sample Custodian)	TIME 1715	RECEIVED BY	Anthony Stark	DATE 10/13/11 TIME 1715
RELEASED BY	Anthony Stark	TIME 1715	RECEIVED BY		DATE TIME

SHIPPED VIA

TIME SENT

COOLER #

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC 2 of 3

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 (AQ=Water)	CONTAINERS #	Preservation	Type	CONDUCT ANALYSIS TO DETECT: TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
EB-6	10 Bttl	1055	AQ	8	HCl	VOAs	X	X				
TB-4		0640		2				X				
DUP-5		—		8			X	X				
GMW-25		1450					X	X				
GMW-D-10		1025					X	X				
GMW-D-23		0945					X	X				
MW-SF-5		0800					X	X				
MW-SF-10		1310					X	X				
MW-SF-12		1150					X	X				
MW-SF-14		0835					X	X				

SAMPLING COMPLETED DATE 10-13-11 TIME 1600

SAMPLING PERFORMED BY Sun. Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Sun. Patel	1635	Nicole (SC)	10/13/11	1635
Nicole (SC)	1715	Anthony Ster	10/13/11	1715
Anthony Ster	1715			

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

LAB Alpha Analytical COC 3 of 3

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

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

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

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX (AQ= Water)	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
EB-7	10-13-11	1115	Aq	8	HCl	VOAs	X	X				
DUP-6	↓	—	↓	↓	↓	↓	X	X				

SAMPLING COMPLETED DATE 10-13-11 TIME 1600

SAMPLING PERFORMED BY Sun. J Patel

RESULTS NEEDED NO LATER THAN Standard

		TIME		DATE	TIME
RELEASED BY	J Patel	1635	RECEIVED BY N. Cole (SC)	10/13/11	1635
RELEASED BY	N. Cole (SC)	1711	RECEIVED BY	10/13/11	1715
RELEASED BY		1715	RECEIVED BY	DATE	TIME

SHIPPED VIA | TIME SENT | COOLER #

BLAINE
TECH SERVICES, INC.

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

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 CountryRd.
Orange CA 95112

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

			MATRIX	CONTAINERS			CONDUCT ANALYSIS TO DETECT										
SAMPLE I.D.	DATE	TIME	AQ= Water	#	Preservation	Type	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)	ADD'L INFORMATIO	STATUS	CONDITION	LAB SAMPLE #
GMW-24	10-13-11	1435	AQ	10	HCl, HNO_3, H_2SO_4, NaN_2	VOAs, poly	X	X	X	X	X	X	X	X				
GMW-36		1531					X	X	X	X	X	X	X	X				
WCW-6		1320					X	X	X	X	X	X	X	X				
GMW-0-15		1508					X	X	X	X	X	X	X	X				
GMW-0-20		0958					X	X	X	X	X	X	X	X				
GMW-26		1110					X	X	X	X	X	X	X	X				
PZ-2		1420					X	X	X	X	X	X	X	X				

SAMPLING COMPLETED	DATE	TIME
	10-13-11	1600

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Sunil Patel	1635	Nicole (SC)	10/13/11	1635
Nicole (SC)	1715	Anthony Stasa	10/13/11	1715
Anthony Stasa	1715		DATE	TIME

SHIPPED VIA

TIME SENT	COOLER #

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC 1 of 2

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 (AQ= Water)	CONTAINERS #	Preservation	Type	CONDUCT ANALYSIS TO DETECT: TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-D-18	10-14-11	0750	AQ	8	HCl	VOAs	X	X				
MW-D-1		1145					X	X				
MW-SF-3		1044					X	X				
MW-SF-13		0939					X	X				
PZ-5		0820		↓			X	X				
TB-5		0640		2				X				
EB-8		0825		8			X	X				
RVP-7		—					X	X				
RVP-8		—					X	X				
GRW-10	↓	0750	↓	↓	↓	↓	X	X				

SAMPLING COMPLETED DATE 10-14-11 TIME 1200

SAMPLING PERFORMED BY Suraj Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Suraj Patel	1315	Nicole (Sample Custodian)	10/14/11	1315
Nicole (Sample Custodian)	1600	Anthony Stark	10/14/11	1600
Anthony Stark	1600			

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

CHAIN OF CUSTODY

LAB Alpha Analytical COC 2 of 2

CLIENT Kinder Morgan

SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ= Water	CONTAINERS #	Preservation	Type	TPHg, TPHfp (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GMW-22	10-14-11	0836	AQ	8	HCl	VOA	X	X				
GMW-0-21		0935					X	X				
MW-SF-15		0925					X	X				
MW-SF-16		1000					X	X				
EB-7		0840					X	X				
DUP-9	↓	—	↓	↓	↓	↓	X	X				

RESULTS NEEDED NO LATER THAN Standard

SAMPLING COMPLETED	DATE	TIME
	10-14-11	1200

SAMPLING PERFORMED BY Jun, Patel

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Patel	1315	Nicole (Sample Custodian)	10/14/11	1315
Nicole (Sample Custodian)	1600	Anthony Stark	10/14/11	1600
Anthony Stark	1600			

SHIPPED VIA

TIME SENT	COOLER #

BLAINE
TECH SERVICES,

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

CHAIN OF

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 1

Billing Information:
Kinder Morgan
1100 Town and CountryRd.
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 AQ= Water	CONTAINERS #	Preservation	Type	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)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
PZ-5	10-14-11	0820	AQ	10	HCl, HNO_3, H_2SO_4, NaOH	VOAs, poly	X	X	X	X	X	X	X	X				
MW-5F-16	↓	1000	↓	↓	↓	↓	X	X	X	X	X	X	X	X				

SAMPLING COMPLETED DATE 10-14-11 TIME 1200

SAMPLING PERFORMED BY Sunil Patel

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY Sunil Patel TIME 1315

RECEIVED BY Nicole (Sample Custodian) DATE 10/14/11 TIME 1315

RELEASED BY Nicole (Sample Custodian) TIME 1600

RECEIVED BY Anthony Stark DATE 10/14/11 TIME 1600

RELEASED BY Anthony Stark TIME 1600

RECEIVED BY DATE TIME

SHIPPED VIA

TIME SENT

COOLER #

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron		Well Not Inspected (explain below)	Corrective actions still required
BW-1	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-2	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-3	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-4	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-5	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-6	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-7	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-8	Y	Y	Y	N	N	Y	N	Y	Y	N						
BW-9	Y	Y	Y	N	N	Y	N	Y	Y	N						
EXP-1	Y	Y	N	Y	N	Y	N	Y	Y	N						
EXP-2	Y	Y	N	Y	N	Y	N	Y	Y	N						
EXP-3	Y	Y	N	Y	N	Y	N	Y	Y	N						
EXP-4	Y	Y	Y	N	N	Y	N	Y	Y	N						
EXP-5	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-1		Y	Y	N	N	Y	Y	Y	Y	N	Y		Y			
GMW-10	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-11	Y	Y	N	Y	N	Y	N	Y	Y	N						

NOTES: Y = yes N = NO

GMW-1 has a cracked apron and stripped tabs

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron		Well Not Inspected (explain below)	Corrective actions still required
GMW-13	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-14	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-2	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-22	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-23	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-24	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-25	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-26	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-27	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-28	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-29	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-3	N	Y	Y	N	N	Y	N	Y	Y	N	Y					
GMW-30	N	Y	Y	N	N	Y	Y	Y	Y	N	Y		Y			
GMW-36	Y	Y	Y	N	N	Y	N	Y	Y	N	Y					
GMW-37	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-38	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-39	Y	Y	Y	N	N	Y	N	Y	Y	N						

NOTES: Y = yes N = NO

GMW-3 has stripped tabs

GMW-30 has a cracked apron & stripped tabs

GMW-36 has stripped tabs

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SB

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron	Well Not Inspected (explain below)	Corrective actions still required
GMW-4	N	Y	Y	N	N	Y	Y	Y	Y	Y			X		
GMW-40	N	Y	Y	N	N	Y	Y	Y	Y	N			Y		
GMW-41	Y	Y	Y	N	N	Y	N	Y	Y						
GMW-8	—	UNABLE	TO	LOCATE	—										
GMW-9	Y	Y	N	Y	N	Y	N	Y	Y	N					
GMW-O-1	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-10	N	Y	Y	N	N	Y	Y	Y	Y	N	X				
GMW-O-11	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-12	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-14	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-15	Y	Y	Y	N	N	N	N	Y	Y	N					
GMW-O-16	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-17	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-18	Y	Y	Y	N	N	N	N	Y	Y	N					
GMW-O-19	N	Y	Y	N	N	Y	Y	Y	Y	N	Y				
GMW-O-2	Y	Y	Y	N	N	Y	N	Y	Y	N					
GMW-O-20	Y	Y	Y	N	N	Y	N	Y	Y	N					

NOTES: Y = Yes N = NO

GMW-O-10 has stripped tabs

GMW-O-19 has stripped tabs

GMW-4 has a cracked apron

GMW-40 has a cracked apron

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron		Well Not Inspected (explain below)	Corrective actions still required
GMW-O-21	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-O-23	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-O-3	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-O-4	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-O-4 (MID)	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-O-5	Y	Y	Y	N	N	Y	NO	Y	Y	N						
GMW-O-6	N	Y	Y	N	N	Y	Y	Y	Y	N	Y					
GMW-O-7	N	Y	Y	N	N	Y	Y	Y	Y	N	Y					
GMW-O-8	N	Y	Y	N	N	Y	Y	Y	Y	N	Y					
GMW-O-9	N	Y	Y	N	N	Y	Y	Y	Y	N	Y					
GMW-SF-10	Y	Y	Y	N	N	Y	N	Y	Y	N						
GMW-SF-7	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-SF-8	Y	Y	N	Y	N	Y	N	Y	Y	N						
GMW-SF-9	Y	Y	Y	N	N	Y	N	Y	Y	N						
GWR-1	Y	Y	Y	N	N	Y	N	Y	Y	N						
GWR-3	Y	Y	N	N	N	Y	N	Y	Y	N						
HL-2	Y	Y	N	N	N	Y	N	Y	Y	N						

NOTES: Y = yes N = NO

GMW-O-6 has stripped tabs

GMW-O-7 has stripped tabs

GMW-O-8 has stripped tabs

GMW-O-9 has stripped tabs

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron		Well Not Inspected (explain below)	Corrective actions still required
HL-3	Y	Y	N	Y	N	Y	N	Y	Y	N						
HW-2	—	UNABLE	TO	LOCATE	—											
MW-12	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-15	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-18 (MID)	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-19 (MID)	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-20 (MID)	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-21 (MID)	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-6	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-7	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-8	Y	Y	Y	N	N	Y	N	Y	Y	N						
MW-9	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-O-1	Y	Y	Y	N	N	Y	N	Y	Y	N						
MW-O-2	Y	Y	Y	N	N	Y	N	Y	Y	N						
MW-SF-1	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-SF-10	Y	Y	N	Y	N	Y	N	Y	Y	N						
MW-SF-11	Y	Y	N	Y	N	Y	N	Y	Y	N						

NOTES: Y = yes N = NO

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron	Well Not Inspected (explain below)	Corrective actions still required
MW-SF-14	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-15	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-16	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-2	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-3	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-4	—	UNABLE TO ACCESS —													
MW-SF-5	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-6	Y	Y	N	Y	N	Y	N	Y	Y	N					
MW-SF-9	Y	Y	N	Y	N	Y	N	Y	Y	N					
PW-1	N	Y	N	N	N	Y	Y	Y	Y	N	Y				
PW-2	N	Y	N	N	N	Y	Y	Y	Y	N	Y				
PW-3	N	Y	N	N	N	Y	Y	Y	Y	N	Y				
PZ-10	UNABLE TO ACCESS —														
PZ-2	Y	Y	N	Y	N	Y	N	Y	Y	N					
PZ-5	Y	Y	N	N	N	Y	N	Y	Y	N					
PZ-6	—	UNABLE TO LOCATE —													
PZ-7A	Y	Y	N	Y	N	Y	N	Y	Y	N					

NOTES: Y = Yes N = NO

PW-1 has stripped tabs

PW-2 has stripped tabs

PW-3 has stripped tabs

WELLHEAD INSPECTION CHECKLIST

Client CH2MHILL

Site Address DFSP NORWALK Date: 10-10-11

Job Number 111010-SP1 Technician: SP

Well ID	Well Inspected - No Corrective Action Required	Is access to the well unobstructed?	Flush Mounted wellbox	Standpipe	Guard posts	If applicable, is the well vault dry and free of debris?	Is there any physical damage to the well, well vault and cover, or protective casing?	Is a well identification tag present and legible?	Is the well easily visible?	Is there evidence of heaving or settling of the well, vault, or protective casing?	Stripped or Missing Bolts	Expansion Cap & lock in good working order	Cracked Apron	Well Not Inspected (explain below)	Corrective actions still required
PZ-7B	Y	Y	N	Y	N	Y	N	Y	Y	N					
PZ-8A	Y	Y	N	Y	N	Y	N	Y	Y	N					
PZ-8B	Y	Y	N	Y	N	Y	N	Y	Y	N					
PZ-9A	Y	Y	N	Y	N	Y	N	Y	Y	N					
PZ-9B	Y	Y	N	Y	N	Y	N	Y	Y	N					
VEW-1	Y	Y	N	Y	N	Y	N	Y	Y	N					
VEW-2	Y	Y	N	Y	N	Y	N	Y	Y	N					
WCW-13	Y	Y	Y	N	N	Y	N	Y	Y	N					
WCW-3	Y	Y	Y	N	N	Y	N	Y	Y	N					
WCW-6	Y	Y	Y	N	N	Y	N	Y	Y	N					
WCW-7	Y	Y	Y	N	N	Y	N	Y	Y	N					
MW-SF-13	Y	Y	Y	N	N	Y	N	Y	Y	N					
MW-SF-12	Y	Y	N	Y	N	Y	N	Y	Y	N					

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	KMDP @ Norwalk	PROJECT NUMBER	11010-SP1

EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
YSI 556	09C101092	10-10-11 1415	4.00 10.00 7.00 pH	4.02 9.91 6.87	Yes	27.1 27.0 26.9	SP
			3900mS Cond.	3942mS	Yes	27.5	SP
			229.5mV ORP 100% DO	220.3mV 100%	Yes	27.8 27.9	SP
YSI 556	09C101092	10-11-11 0645	4.00 10.00 7.00 pH	3.95 9.96 7.07	Yes	21.1 21.1 21.0	SP
			3900mS Cond.	3892mS	Yes	21.1	SP
			237.5 mV ORP 100% DO	230.6mV 100%	Yes	21.2 21.3	SP
YSI 556	09C101092	10-12-11 0650	4.00 10.00 7.00 pH	3.47 10.14 7.09	Yes	25.1 25.1 25.0	SP
			3900mS Cond.	3996mS	Yes	25.0	SP
			231.0 mV ORP 100% DO	228.7mV 100%	Yes	25.0 25.1	SP
YSI 556	09C101092	10-13-11 0640	4.00 10.00 7.00 pH	3.98 9.91 7.02	Yes	25.3 25.4 25.4	SP
			3900mS Cond.	3981mS	Yes	25.4	SP
			231.0 mV ORP 100% DO	228.1mV 100%	Yes	25.4 25.5	SP

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME KMEP @ Norwalk				PROJECT NUMBER 1110-SP1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
YSI 556	09C101092	10-14-11 0640	4.00 10.00 7.00 04	4.10 9.93 7.04	Yes	25.1 25.4 25.0	SP
			3900 µs Cond.	3883 µs	Yes	25.4	SP
			234.0 mV ORP 1000 Ω	227.6 mV 100%	Yes	25.3 25.4	SP

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME KMEP @ Norwalk				PROJECT NUMBER 111010-5P1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI556	10H100930	10/10/11 0945	4-7-10 Ph	4.0-7.0-10.0	Y	20.6°C	
			3900 Cond	3900	Y		
			100% DO	100.4%	Y		
			231.0 ORP	231.0	Y		
		10/11/11 0645	4-7-10 Ph	4.0-7.0-10.0	Y	21.9°C	
			3900 Cond	3901	Y		
			100% DO	100.1%	Y		
			231.0 ORP	231.0	Y		
		10/12/11 0630	4-7-10 Ph 3900 Cond	4.0-7.0-10.0 3899	Y	21.7°	
			100% DO	100.0%	Y		
			231.0 ORP	231.0	Y		

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME KMEP @ Norwalk				PROJECT NUMBER 111010-SP1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI556	10H100930	10/13/11 0645	4-7-10 pH	4.0-7.0-10.0	Y	22.0°C	
			3900 cond	3900	Y		
			100% DO	100.2%	Y		
			237.0 ORP	237.0	Y		
		10/14/11 0650	4-7-10 pH	4.0-7.0-10.0	Y	22.1°	
			3900 cond	3900	Y		
			100% DO	100.3%	Y		
			237.0 ORP	237.0	Y		