ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court ▲ Goshen, IN ▲ Ph: (574) 537-0881

FIELD BORING LOG

CLIENT:
LOCATION: Hadley
PURPOSE:

PAGE ___ OF ___
PROJ. NO.:
DATE: 10-27-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
GB-B	0-2	12:22	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	0	0.5	Asphalt
	2-5	12:23	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	0	4.5	Silty Sand ≈20% Silt 80% FS Trace MS. Moist
	5-7	12:26	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2			DYB 0-2 MB 2-4.5.
	7-10	12:27	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	4.5	13	FS≈80% MS≈20% Trace CS. Mottled MYB to MB
	10-12	12:30	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.7			Wet ≈5.25-5.5'. ≈30% 40% MS starting 7.5'.
	12-15	12:31	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.1	13	19.5	≈20% CS 40% MS 40% FS. Trace Gravel Wet MYB
	15-17	12:37	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.1	19.5	34.5	CS+G ≈10%-20% Gravel. 30% CS 30% MS 20% FS
	17-20	12:38	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.7			Some Fe+ stains 19.5-20.
	20-22	12:47	20		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.4			≈40% gravel from 20' to Some [illegible] + lg gravel
	22-25	12:48	20		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.8			≈64 FS/MS @ 27' gray. Gray ≈30% Gravel 27.5-34.5.
	25-27	12:56	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.2	34.5	39.5	≈30-40% CS. 40% MS 20% FS Trace Gravel gray
	27-30	12:57	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.7	39.5	42	CS+G ≈10-20% gravel Gray 30% CS 30% MS 20% FS
	30-32	13:05	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.4	42	47.5	Same as 34.5-39.5 Trace to 5% gravel.
	32-35	13:06	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.1			10% gravel 47-47.5. Less CS + More FS ≈30% 47.5+o
	35-37	13:16	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.7	47.5	55	≈30% MS 60% FS 10% CS. Trace Gravel gray
	37-40	13:17	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	8.4	55	57	≈10% gravel 30% CS 30% MS 30% FS Gray
	40-42	13:30	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.0	57	60	90% FS 10% VFS Clean Trace MS, gray
	42-45	13:31	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	7.2		EOB	
	45-47	13:42	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	6.3			3-13 24-28 36-40
	47-50	13:43	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.0			55-59
	50-52	13:58	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.8			Installed 11-9-11
	52-55	13:59	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	7.7			MW-7D41 MW-7I MW-7S
	55-57	14:21	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.0			55-1 24-29 3-13
	57-60	14:22	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	11.1			36-41
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				

ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court ▲ Goshen, IN ▲ Ph: (574) 537-0881

FIELD BORING LOG

CLIENT:
LOCATION: 2503 Marion / Hadley
PURPOSE:

PAGE 1 OF
PROJ. NO.:
DATE: 11-7-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
MW-6	0-2	9:42	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	0	1	Topsoil Sandy DYB
	2-5	9:43	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	1	3	Silty FS ≈20% Silt 80% FS Moist MB
	5-7	9:45	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	3	19.5	FS≈90% 10% MS Trace Silt Trace CS. MYB wet @ ≈5.25'. Slightly more MS 20%-10% CS ≈ 8' to 13' + 16-19.5
	7-10	9:46	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.4			
	10-12	9:50	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.5	19.5		CS+G. ≈30% CS 30% MS 30% FS. 10% gravel ≈50% gravel 21-22 and 40% gravel 24 to 25 change to gray @ 24'. Fe stains 20-22'. ≈30% Gravel 27' to 29'. Back to 10% gravel 31-33.5'
	12-15	9:57	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.5			
	15-17	10:00	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.1			
	17-20	10:01	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.6			
	20-22	10:27	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.8	33.5	38.5	≈60% MS 20% CS 20% FS Trace gravel gray
	22-25	10:28	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.7			
	25-27	10:36	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.2	38.5	42	≈30% CS 50% MS 20% FS Trace to 5% gravel gray
	27-30	10:37	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.8	42	45	≈30% FS 60% MS 10% CS Trace gravel. ≈60% FS 8' thick @ 42'.
	30-32	10:46	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.1			
	32-35	10:47	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.5			
	35-37	10:58	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.4			35-40 4-gal 22-27 1-gal 3-13
	37-40	10:59	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.5			MW-6D40 12.5' deep
	40-42	11:14	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.9			4-gal
	42-45	11:15	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.9			
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				

ROBERTS
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FIELD BORING LOG

Bruce cell 317-645-1293

CLIENT: [redacted]
LOCATION: [redacted] 2503 E Maring
PURPOSE: Limited subsurface investiation

PAGE ___ OF ___
PROJ. NO.: ___
DATE: 11-8-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
MW-8	0-2	12:24	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	0	1.5	Topsoil Sandy w/ ≈20-30% silt DYB
	2-5	12:25	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	1.5	4	Silty Sand ≈ 20% silt 80% MS DYB
	5-7	12:28	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.3	4	7.5	≈ 90% FS 10% MS Trace silt MB to MYB
	7-10	12:29	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	10.2			wet ≈ 5.25'
	10-12	12:34	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	24.0	7.5	14.75	≈ 60% FS 30% MS 10% CS. MYB wet.
	12-15	12:35	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	12.1	14.75	30	CS-G ≈ 20% gravel 30% CS 30% S 20% MS MYB
	15-17	12:42	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	14.3			Some blackish stains @ ≈15'! Some lg. gravel.
	17-20	12:43	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.3			~~10% gravel 16-17'. Then ≈30% 40% gravel 17' to 20.5~~
	20-22	12:51	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.2			Some Fe+ stains @ 17'!
	22-25	12:52	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	7.0*			Trace to 5% gravel 20.5-23'. 20-30% gravel 23' to
	25-27	13:00	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.3			Some blackish stains ½" @ ≈22' & 1" @ ≈24.5'.
	27-30	13:01	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.1			Some Fe+ stains 1" @ ≈24'.
	30-32	13:11	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.1			~~change to gray @ ≈25'.~~
	32-35	13:12	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.5			FS layer ~~40% FS @ 24.75'~~ of 29.75' to 30'
	35-37	13:22	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.4			~~Then No gravel 30-32'~~
	37-40	13:23	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	10.6*	30	32	≈ 40% CS 30% MS 30% FS Trace gravel
	40-42	13:35	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.8	32	45	CS-G ≈ 40% 50% gravel.
	42-45	13:36	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	6.7			≈1" thick to ½" thick gray clay @ 35'!
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				10% gravel to 5% from 35 to 45
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				~~Slightly more CS ≈ 50% from 43-44'.~~
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				37-42 22-27 3-13
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				MW-8042
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				8-321
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				

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2112 Carmen Court ▲ Goshen, IN ▲ Ph: (574) 537-0881

FIELD BORING LOG

CLIENT:

LOCATION: 2503 Marina Cl Hudson

PURPOSE:

PAGE ___ OF ___

PROJ. NO.:

DATE: 11-7-11 11-8-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
MW-9	0-2	15:20	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.2	0	0.5	Asphalt
	2-5	15:21	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.2	0.5	5	Silty Sand same as MW-6 MB 0-4 From 2-4'.
	5-7	15:23	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.2			
	7-10	15:24	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.3	5	16	Same FS/MS ≈ 80% FS 20% MS Trace CS with Silty ≈ 20% From 5.5-6.5'. Wet ≈ 5'.
	10-12	15:31	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.4			
	12-15	15:32	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.9	16	30	CS+G ≈ 10% gravel 30% CS 30% MS 30% FS MB wet ≈ 30% gravel 17.5-19.5'. 30-40% gravel some large 25' to 30 ≈ 2" FS/MS @ ≈ 28'.
	15-17	15:38	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	1.0			
	17-20	15:39	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	1.9			
	20-22	15:49	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.6			
End 11-7-11 Start 11-8-11	22-25	6:50	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	0.8	30	32.5	≈ 70% FS 20% MS 10% CS. Gray
	25-27	7:46	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	6.2	32.5	35	≈ 50% CS 30% MS 20% FS Trace to 5% gravel gray ~~10% gravel~~
	27-30	7:47	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	7.3			
	30-32	7:58	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	6.1	35	40	CS+G ≈ 10% gravel ≈ 30% CS 30% MS 30% FS Gray less gravel 38-39.5'.
	32-35	7:59	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	10.3			
	35-37	8:11	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	2.2	40	43	≈ 80% FS 20% MS Trace CS. Gray
	37-40	8:12	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	3.3	43	45 EOB	≈ 40% MS 30% CS 30% FS Trace gravel to 5% at tip 5-7'
	40-42	8:27	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	1.3			
	42-45	8:28	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles	2.6			
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				~~39-4~~ 38-43 MW-9D43 ≈ 8-gal; 29-34 MW-9i 6-gal; 3-13 MW-9s 1 gal
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles				

ROBERTS
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2112 Carmen Court ▲ Goshen, IN ▲ Ph: (574) 537-0881

FIELD BORING LOG

CLIENT: _____
LOCATION: [redacted] N 2503 Marion
PURPOSE: Limited subsurface investiation

PAGE ____ OF ____
PROJ. NO.: ____
DATE: 11-9-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
MW-10	0-2	15:10	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	0.1	0	0.5	Topsoil zone
	2-5	15:11	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	0.2	0.5	4.5	Silty sand zone
	5-7	15:13	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	0.2	4.5	7	FS/MS Some Water @5-25 Some Silt @ 6'-6.5'.
	7-10	15:14	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	0.8	7	16	≈40%FS 50%MS 10%CS MYB Wet
	10-12	15:17	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	0.8			Less MS more FS 10-15!
	12-15	15:20	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	0.6	16	19	≈30%CS 60%MS 10%FS Trace Gravel MYB
	15-17	15:20	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	1.0	19	32.5	CS&G ≈10-20%gravel 30%CS 30%MS 30%FS
	17-20	15:28	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	0.9			Some Fe staining 20-21'. Less gravel 23-24.5'.
	20-22	15:37	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	1.7			Change to gray @ 25! 30-40% gravel 29' to 32.5'
	22-25	15:38	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles: ___	2.3	32.5	38.5	≈30%CS 40%MS 30%FS Trace gravel / Gray
	25-27	15:48	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	3.9			
	27-30	15:49	50		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	7.6	38.5	43	80%FS 10%VFS 10%MS Gray.
	30-32	16:03	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	4.2			
	32-35	16:04	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	9.8	43	44	60%FS 30%MS 10%CS Gray
	35-37	16:16	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	7.4		EOB	
	37-40	16:17	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	5.6			25-30 ~~33.5~~ 34 8gal
	40-42	16:30	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	2.6			MW-10i 34-39 3-13
	42-~~45~~44	16:31	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___	2.1			MW-10D39 MW-10s
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				Wells installed 11-10-11
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs ____ Bottles ___				

ROBERTS
ENVIRONMENTAL SERVICES, LLC
2112 Carmen Court ▲ Goshen, IN ▲ Ph: (574) 537-0881

FIELD BORING LOG

CLIENT:
LOCATION: 2503 [illegible]
PURPOSE:

PAGE ___ OF ___
PROJ. NO.:
DATE: 11-9-11

BORING NO.	SAMPLE DEPTH (ft)	SAMPLE TIME	% RECOV.	LAB	Analysis	FID (ppm)	DEPTH (ft) FROM	DEPTH (ft) TO	SOIL DESCRIPTION
MW-11	0-2	11:24	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	0	2	Topsoil Silty Sandy Dark Brown
	2-5	11:25	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	2	4	Silty FS MB some
	5-7	11:28	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	0.1	4	14.75	≈ 50% FS 30% MS 10% CS MXB Wet @ 5.25', Slightly more FS after 6.5'. 6" Layer of ≈ 30% CS w/ 5% gravel @ ≈ 13.75'
	7-10	11:29	90		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.5			
	10-12	11:35	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.2			
	12-15	11:36	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.0	14.75	21	CS & G 10% gravel 30% CS 30% MS 30% FS MXB Wet Trace gravel 18-19'.
	15-17	11:42	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.2			
	17-20	11:43	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.4			
	20-22	11:50	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.1	21	24	≈ 60% FS 30% MS 10% CS Trace gravel
	22-25	11:51	80		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	1.8	24	31	CS & G ≈ 30% gravel some lg. MXB 20% CS 30% MS 20% FS Trace gravel 28-28.5'. Change to gray ≈ 28'.
	25-27	11:54	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	6.2			
	27-30	12:00	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.1			
	30-32	12:09	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	2.9	31	40	≈ 40% FS 30% MS 30% CS to 20% CS. Gray Trace gravel
	32-35	12:10	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	4.5			
	35-37	12:21	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.3	40	45	≈ 70% FS 20% MS Trace to 10% CS. Gray.
	37-40	12:22	60		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	5.9			MW-11D44 38.5-43.5
	40-42	12:40	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	3.0			MW-11i ~~25-30~~ 24-29
	42-45	12:41	70		VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:	8.0			MW-11s 3-13
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				
					VOCs, ERO, GRO, PAHs, SVOCs, METALs Bottles:				

11-28-11

≈10AM install MW-12SS @ depth of 7.0'. SWL ≈5.0'-5.5'.
Develop ≈2.3 gal 10:30-10:40AM clear

Install MW-11SS ≈ 5' east of MW-11 cluster ≈11:15AM to ≈7.75' deep
Develop ≈ 2 gal ≈11:30-11:45 until clear

ROBERTS
ENVIRONMENTAL SERVICES, LLC