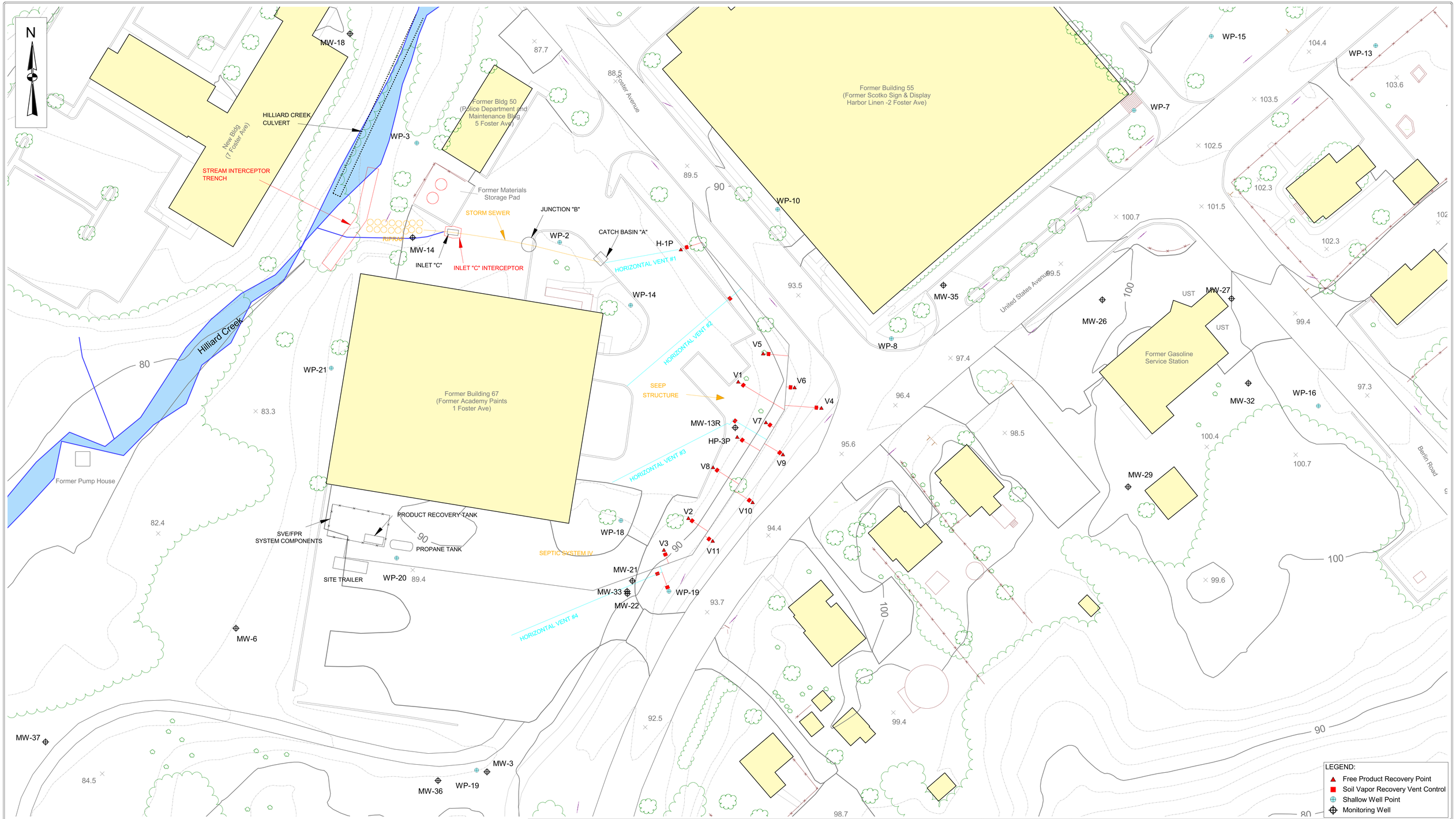

501238

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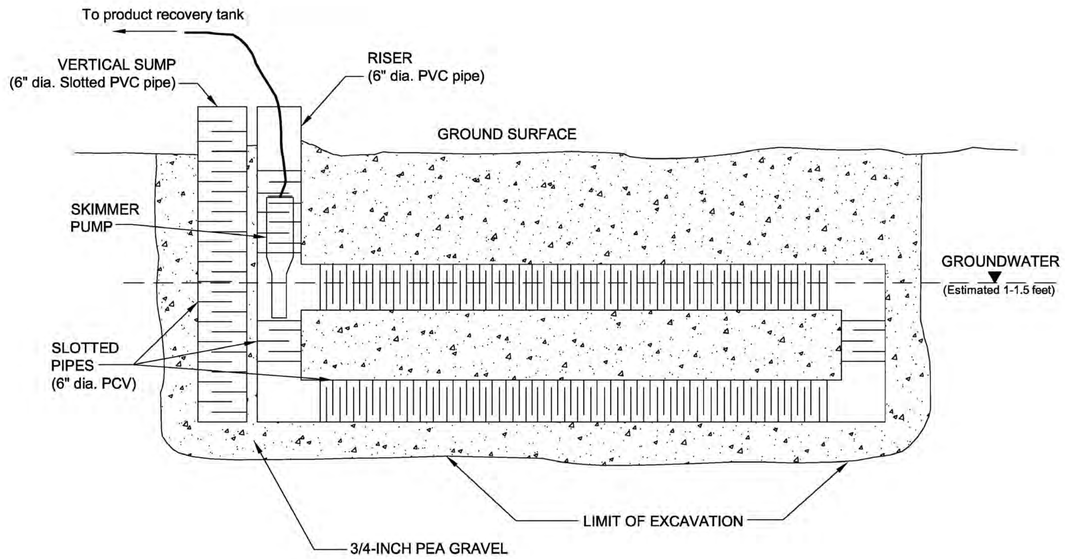
REPORT DATE: JUNE 2007	PROJECT MANAGER: S. JONES
DRAWING: 04709_PW_Seep_Area_Fig4_1.apr PATH: L:\SHERWIN\GIS\Apr\0607_Seep_Area\	CHECKED BY: A. FISCHER
REVISION No. 0	CONTRACT No. DELIVERY ORDER NO.
WORK ORDER No. 20076.022.077.0006	DRAWN/MODIFIED BY: J. LYNES DATE CREATED: June 2007

CLIENT NAME: THE SHERWIN-WILLIAMS COMPANY

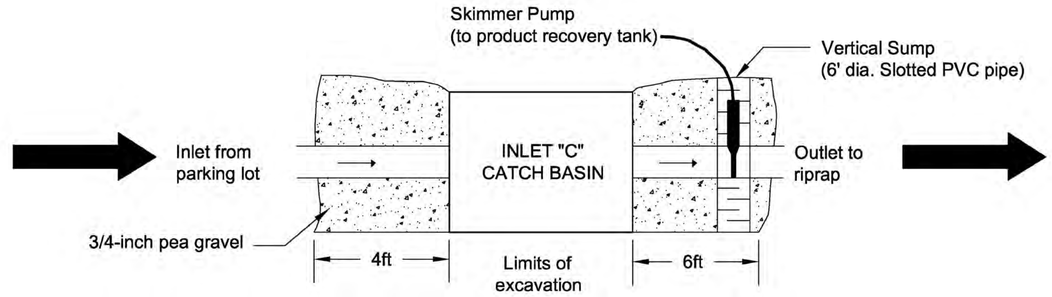
PROJECT NAME: SEEP AREA REPORT THE PAINT WORKS SITE

DRAWING TITLE: SEEP AREA DETAIL MAP

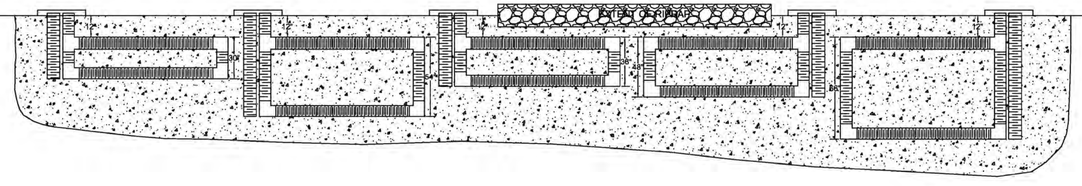
FIGURE:	SCALE:	DATE:
4-1	1"= 30'	June 2007



STREAM INTERCEPTOR TRENCH TYPICAL LOOP DETAIL (CROSS-SECTION VIEW)



INLET "C" INTERCEPTOR TRENCH AS-BUILT DRAWING (CROSS-SECTION VIEW)



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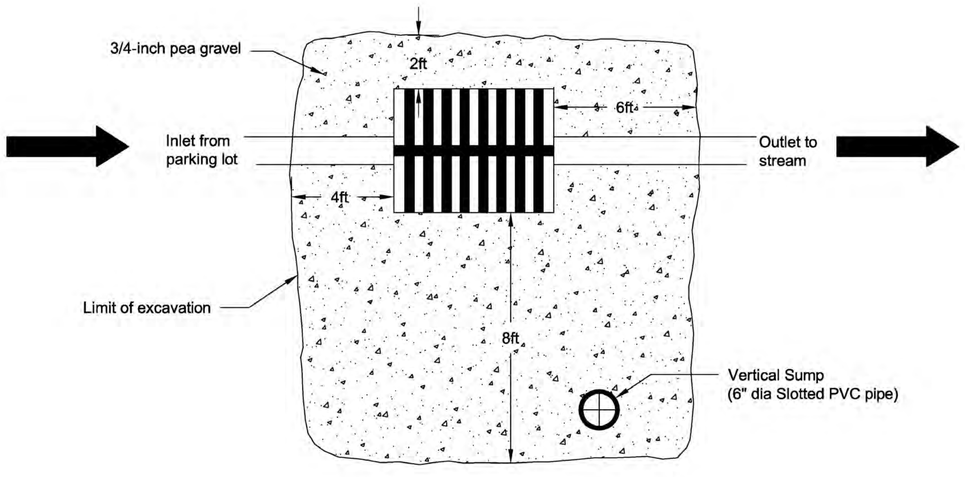

INLET "C" INTERCEPTOR TRENCH AS-BUILT DRAWING (PLAN VIEW)

L:\SHERWIN\GIS\ICAD\0607_Sees_Area\04711_PW_Trench.dwg

drawing not to scale

DRAWING TITLE:
TRENCH DETAIL
DRAWINGS

CLIENT NAME:
SHERWIN-WILLIAMS COMPANY

PROJECT NAME:
SEEP AREA REPORT
THE PAINT WORKS SITE

SEAL

N.J. PROFESSIONAL ENGINEER
No. 00000

REPORT DATE: JUNE 2007

DRAWING#: 04711
DRAWING: 04711_PW_Trench.dwg
PATH: L:\SW\GIS\ICAD\0607SeepAr

REVISION NO.: 0

WORK ORDER No.: 20076.022.077.0006

PROJECT MANAGER: S. Jones

CHECKED BY: A. Fischer

CONTRACT No.: 0000
DELIVERY ORDER NO.: 0000

DRAWN/MODIFIED BY: S. Poultney
DATE: June 2007

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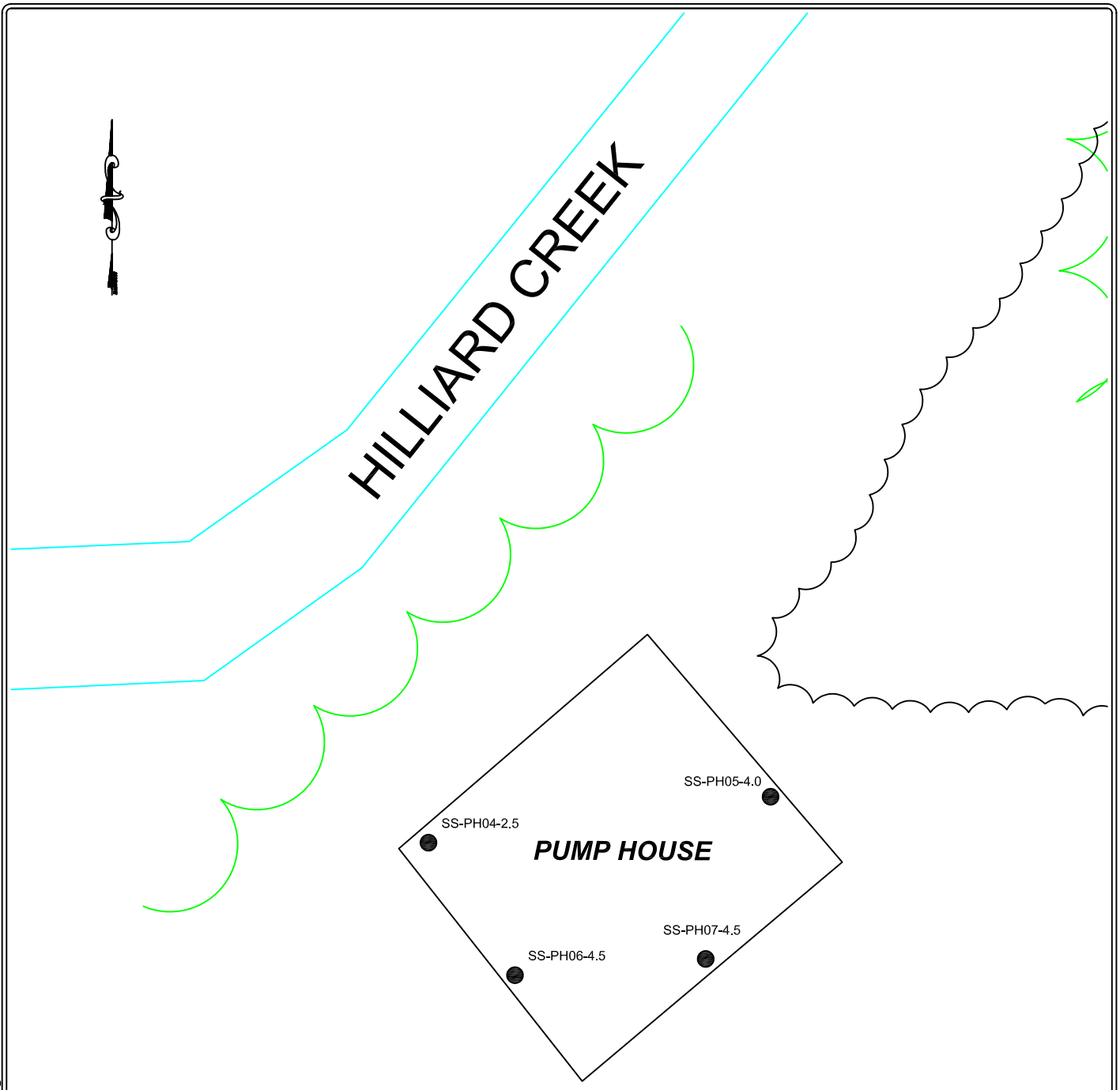
4-3

Scale: N.T.S.



DRAFT

LEGEND:

GRAPHIC SCALE

4 0 4 8

1 inch = 8 ft.

TITLE:

PUMP HOUSE
POST-EXCAVATION SOIL SAMPLE LOCATIONS

PROJECT:
Comprehensive Remedial Investigation Report
The Paintworks Corporate Center
Gibbsboro, New Jersey

CLIENT NAME: Sherwin-Williams Company

WESTON SOLUTIONS

DATE: Nov 30 2004

FIGURE #: 5-15

L:\SHERWIN\GIS\CAD\1104PaintRI\01252fig5-15.dwg

TABLE 2
POST-EXCAVATION SOIL SAMPLE RESULTS
PUMP HOUSE
THE SHERWIN-WILLIAMS COMPANY
GIBBSBORO, NJ

Sample ID		NJDEP Residential	NJDEP Non-Residential	SS-PH04-2.5		SS-PH05-4.0		SS-PH06-4.5		SS-PH07-4-4.5	
Lab Sample Number		Direct Contact	Direct Contact	441895		441896		441897		441898	
Sampling Date		Soil Cleanup Criteria	Soil Cleanup Criteria	07/09/03		07/09/03		07/09/03		07/09/03	
Matrix		(RDCSCC)	(NRDCSCC)	SOLID		SOLID		SOLID		SOLID	
Dilution Factor				NA		NA		NA		NA	
Units		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
METALS											
	Aluminum	---	---	2790	J	1470		1190		1020	
	Antimony	14	340	2.8	J	0.99	UJ	1.1	UJ	1.1	UJ
	Arsenic	20	20	136	J	1.5	B	4.7		1.1	B
	Barium	700	47,000	3220	J	55.9	J	163	J	7.9	J
	Beryllium	2	2	0.11	J	0.04	B	0.04	B	0.02	U
	Cadmium	39	100	1.4	J	0.11	U	0.52	B	0.11	U
	Calcium	---	---	7240	J	164	B	500		172	B
	Chromium	240	6,100	31.5	J	11.8		8.2		5.8	
	Cobalt	---	---	17.8	J	2.5	B	0.82	B	0.34	B
	Copper	600	600	286	J	8.5		95.6		1.3	B
	Iron	---	---	13700	J	12300		4180		2980	
	Lead	400	600	727	J	3.8	J	472	J	5.5	J
	Magnesium	---	---	977	J	32.4	U	62.4	B	34.5	U
	Manganese	---	---	54.7	J	6.9		57.3		2.6	B
	Mercury	14	270	4.3	J	0.05	U	0.30		0.06	U
	Nickel	250	2,400	37.5	J	0.41	B	1.5	B	0.42	B
	Potassium	---	---	151	J	43.8	B	85.1	B	66.0	B
	Selenium	63	3,100	1.8	UJ	0.97	U	1.0	U	1.0	U
	Silver	110	4,100	0.37	UJ	0.19	U	0.21	U	0.21	U
	Sodium	---	---	156	UJ	82.5	U	89.4	U	87.8	U
	Thallium	2	2	2.0	UJ	1.1	U	1.1	U	1.1	U
	Vanadium	370	7,100	20.0	J	4.3	B	6.3	B	3.3	B
	Zinc	1,500	1,500	2500	J	355		171		18.4	

Qualifiers

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

J - Estimated value

WESTON SOLUTIONS

DATE: May 2010

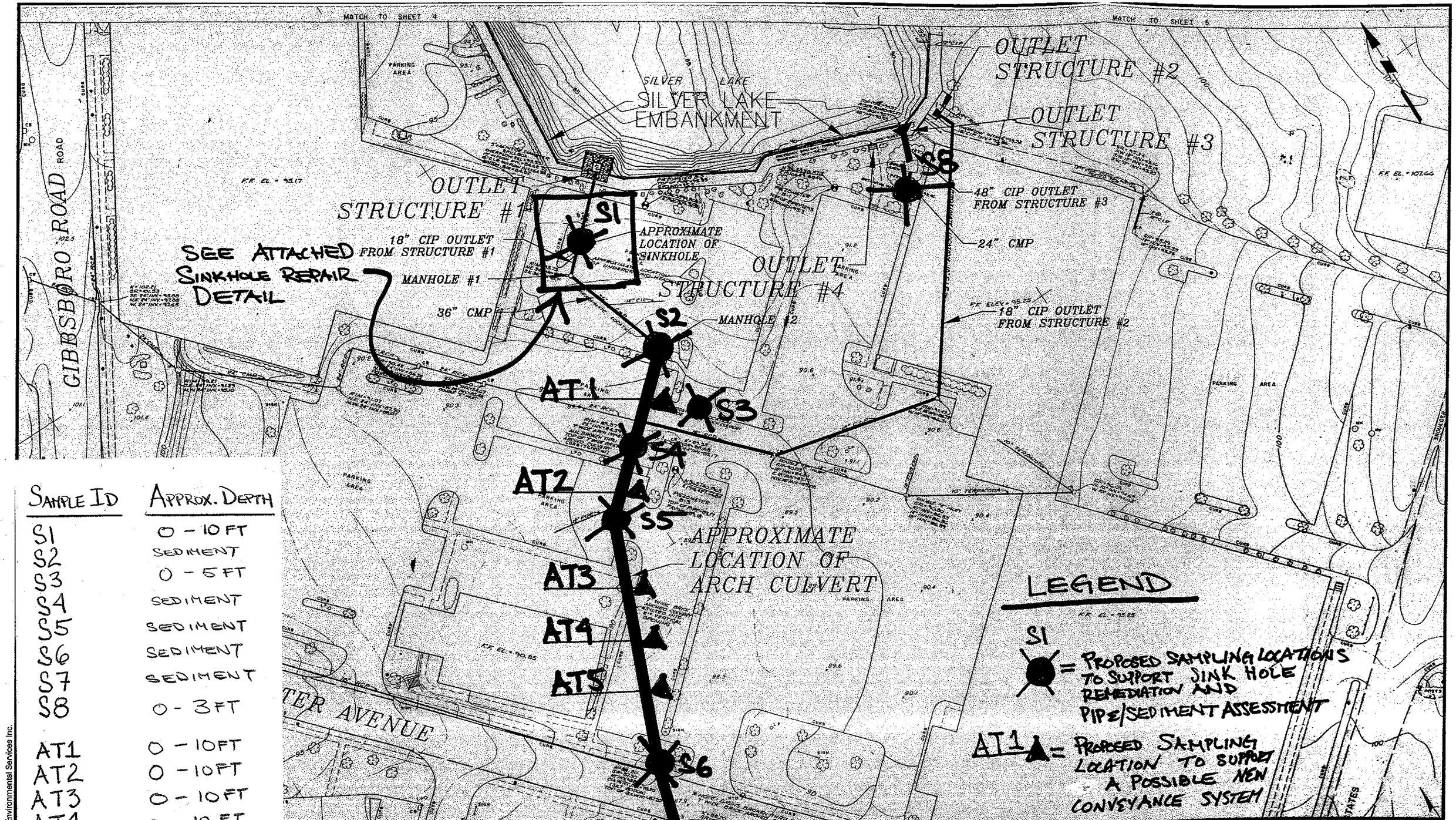
FIGURE #: 1

PROJECT: Supplemental Remedial Investigation Work Plan At The Former Manufacturing Plant

CLIENT NAME: The Sherwin-Williams Company

TITLE: Silver Lake Conveyance Soil Boring Location

Path: L:\SHERWIN\GIS\MXD\1209_FMP_Progress\07895_SL_Conveyance_Sample_Loc.mxd



SAMPLE ID	APPROX. DEPTH
S1	0 - 10 FT
S2	SEDIMENT
S3	0 - 5 FT
S4	SEDIMENT
S5	SEDIMENT
S6	SEDIMENT
S7	SEDIMENT
S8	0 - 3 FT
AT1	0 - 10 FT
AT2	0 - 10 FT
AT3	0 - 10 FT
AT4	0 - 10 FT
AT5	0 - 10 FT

1. BACKGROUND INFORMATION TAKEN FROM SURVEY OF THE PAINTWORKS FACILITY PERFORMED BY TAYLOR, WISEMAN & TAYLOR.

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NJ Certificate of Authorization No: 24GA27996400

Project DRAFT SAMPLING PLAN FOR DISCUSSION ONLY
BOROUGH OF GIBBSBORO
CAMDEN COUNTY NEW JERSEY

Project No.	Date	Scale	Fig. No.
1714902	12/29/06	NTS	2

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Site ID		MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
Location ID		MPSB0019	MPSB0019	MPSB0019	MPSB0019	MPSB0019	MPSB0020	MPSB0020	MPSB0020	MPSB0020	MPSB0021	MPSB0021	MPSB0021	MPSB0021
Field Sample ID		MPSB0019-SS-AA-AB-	MPSB0019-SS-AD-AE-	MPSB0019-SS-AU-AV-	MPSB0019-SS-AL-AM-	MPSB0019-SS-AR-AS-	MPSB0020-SS-AA-AB-	MPSB0020-SS-AD-AE-	MPSB0020-SS-AU-AV-	MPSB0020-SS-AL-AM-	MPSB0021-SS-AA-AB-	MPSB0021-SS-AD-AE-	MPSB0021-SS-AU-AV-	MPSB0021-SS-AH-AI-
Date Collected	2009 Soil	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/08/2009	12/09/2009	12/09/2009	12/09/2009	12/09/2009
Depth	Action Levels	0.0-0.5	1.5-2.0	10.0-10.5	5.5-6.0	8.5-9.0	0.0-0.5	1.5-2.0	10.0-10.5	5.5-6.0	0.0-0.5	1.5-2.0	10.0-10.5	3.5-4.0
2-CHLORONAPHTHALENE (mg/kg	----	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
2-CHLOROPHENOL (mg/kg)	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
2-METHYLNAPHTHALENE (mg/kg	230	0.18 U	0.019 J	0.23 U	0.19 U	0.21 U	0.18 U	0.024 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
2-METHYLPHENOL (mg/kg	310	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
2-NITROANILINE (mg/kg	39	0.35 U	0.36 U	0.45 U	0.37 U	0.42 U	0.35 U	0.36 U	0.41 U	0.42 U	0.35 U	NA	0.46 U	0.37 U
2-NITROPHENOL (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
3,3'-DICHLOROBENZIDINE (mg/kg	1	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
3-NITROANILINE (mg/kg	0	0.35 U	0.36 U	0.45 U	0.37 U	0.42 U	0.35 U	0.36 U	0.41 U	0.42 U	0.35 U	NA	0.46 U	0.37 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg	6	0.35 UJ	0.36 UJ	0.45 UJ	0.37 UJ	0.42 U	0.35 UJ	0.36 UJ	0.41 UJ	0.42 UJ	0.35 U	NA	0.46 U	0.37 U
4-BROMOPHENYL PHENYL ETHER (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
4-CHLORO-3-METHYLPHENOL (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
4-CHLOROANILINE (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
4-CHLOROPHENYL-PHENYL ETHER (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
4-METHYLPHENOL (mg/kg	31	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
4-NITROANILINE (mg/kg	0	0.35 U	0.36 U	0.45 U	0.37 U	0.42 U	0.35 U	0.36 U	0.41 U	0.42 U	0.35 U	NA	0.46 U	0.37 U
4-NITROPHENOL (mg/kg	0	0.35 U	0.36 U	0.45 U	0.37 U	0.42 U	0.35 U	0.36 U	0.41 U	0.42 U	0.35 U	NA	0.46 U	0.37 U
ACENAPHTHENE (mg/kg	3400	0.18 U	0.041 J	0.23 U	0.19 U	0.21 U	0.18 U	0.068 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
ACENAPHTHYLENE (mg/kg	0	0.18 U	0.083 J	0.23 U	0.19 U	0.21 U	0.18 U	0.074 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
ACETOPHENONE (mg/kg)	2	0.18 U	0.033 J	0.051 J	0.021 J	0.06 J	0.18 U	0.019 J	0.21 U	0.033 J	0.18 U	NA	0.24 U	0.19 U
ANTHRACENE (mg/kg	17000	0.18 U	0.13 J	0.23 U	0.028 J	0.21 U	0.18 U	0.21	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
ATRAZINE (mg/kg	210	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
BENZALDEHYDE (mg/kg	6100	0.18 U	0.19 U	0.21 J	0.042 J	0.063 J	0.18 U	0.024 J	0.21 U	0.058 J	0.18 U	NA	0.24 U	0.19 U
BENZO(A)ANTHRACENE (mg/kg	.6	0.084 J	1.2	0.23 U	0.098 J	0.046 J	0.044 J	0.91	0.21 U	0.22 U	0.04 J	NA	0.24 U	0.055 J
BENZO(A)PYRENE (mg/kg	.2	0.1 J	1.3	NA	0.11 J	0.058 J	0.055 J	0.84	0.023 J	NA	0.049 J	NA	NA	0.051 J
BENZO(B)FLUORANTHENE (mg/kg	.6	0.14 J	1	0.23 U	0.12 J	0.051 J	0.13 J	0.78	0.023 J	0.22 U	0.064 J	NA	0.24 U	0.046 J
BENZO(G,H,I)PERYLENE (mg/kg	380000	0.072 J	0.42	0.23 U	0.064 J	0.025 J	0.05 J	0.31	0.21 U	0.22 U	0.046 J	NA	0.24 U	0.035 J
BENZO(K)FLUORANTHENE (mg/kg	6	0.11 J	1.4	0.23 U	0.12 J	0.051 J	0.18 U	0.89	0.024 J	0.22 U	0.045 J	NA	0.24 U	0.039 J
BENZYL BUTYL PHTHALATE (mg/kg	1200	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
BIS(2-CHLOROETHYL)ETHER (mg/kg	.4	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg	35	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
CAPROLACTAM (mg/kg	31000	0.18 U	0.02 J	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
CARBAZOLE (mg/kg	24	0.18 U	0.027 J	0.23 U	0.19 U	0.21 U	0.18 U	0.09 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
CHRYSENE (mg/kg)	62	0.14 J	1.4	0.23 U	0.15 J	0.059 J	0.11 J	1.1	0.03 J	0.22 U	0.055 J	NA	0.24 U	0.078 J
DIBENZO(A,H)ANTHRACENE (mg/kg	.2	0.18 U	0.15 J	NA	0.19 U	0.21 U	0.18 U	0.13 J	0.21 U	NA	0.18 U	NA	NA	0.19 U
DIBENZOFURAN (mg/kg	0	0.18 U	0.04 J	0.23 U	0.19 U	0.21 U	0.18 U	0.097 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
DIETHYLPHTHALATE (mg/kg	49000	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
DIMETHYLPHTHALATE (mg/kg	0	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
DI-N-BUTYLPHTHALATE (mg/kg	6100	0.18 U	0.034 J	0.027 J	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
DI-N-OCTYLPHTHALATE (mg/kg	2400	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
FLUORANTHENE (mg/kg	2300	0.23	1.7	0.23 U	0.29	0.075 J	0.16 J	1.5	0.041 J	0.22 U	0.053 J	NA	0.24 U	0.09 J
FLUORENE (mg/kg)	2300	0.18 U	0.044 J	0.23 U	0.19 U	0.21 U	0.18 U	0.098 J	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
HEXACHLOROBENZENE (mg/kg	.3	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
HEXACHLOROBUTADIENE (mg/kg	6	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
HEXACHLOROCYCLOPENTADIENE (mg/kg	45	0.18 U	0.19 U	0.23 UJ	0.19 U	0.21 U	0.18 UJ	0.19 UJ	0.21 UJ	0.22 UJ	0.18 U	NA	0.24 U	0.19 U
HEXACHLOROETHANE (mg/kg	35	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
INDENO(1,2,3-CD)PYRENE (mg/kg	.6	0.058 J	0.51	0.23 U	0.061 J	0.026 J	0.022 J	0.37	0.21 U	0.22 U	0.042 J	NA	0.24 U	0.03 J
ISOPHORONE (mg/kg)	510	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
NAPHTHALENE (mg/kg	6	0.18 U	0.039 J	0.23 U	0.19 U	0.21 U	0.18 U	0.024 J	0.21 U	0.027 J	0.18 U	NA	0.24 U	0.19 U
NITROBENZENE (mg/kg	31	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
N-NITROSODI-N-PROPYLAMINE (mg/kg	.2	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
N-NITROSODIPHENYLAMINE (mg/kg	99	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
PENTACHLOROPHENOL (mg/kg	3	0.35 U	0.36 U	0.45 U	0.37 U	0.42 U	0.35 U	0.36 U	0.41 U	0.42 U	0.35 U	NA	0.46 U	0.37 U
PHENANTHRENE (mg/kg	0	0.11 J	0.65	0.23 U	0.19 J	0.05 J	0.069 J	1.6	0.032 J	0.22 U	0.022 J	NA	0.24 U	0.053 J
PHENOL (mg/kg)	18000	0.18 U	0.19 U	0.23 U	0.19 U	0.21 U	0.18 U	0.19 U	0.21 U	0.22 U	0.18 U	NA	0.24 U	0.19 U
PYRENE (mg/kg)	1700	0.16 J	1.4	0.023 J	0.21	0.068 J	0.12 J	1.4	0.043 J	0.22 U	0.066 J	NA	0.24 U	0.097 J
SIMS														
BENZO(A)PYRENE (mg/kg	.2	NA	NA	0.022	NA	NA	NA	NA	NA	0.011	NA	NA	0.0076	NA
DIBENZO(A,H)ANTHRACENE (mg/kg	.2	NA	NA	0.0039 J	NA	NA	NA	NA	NA	0.0011 J	NA	NA	0.0046 U	NA
VOLATILES														
(TIC) 1-HEPTENE (mg/kg	----	NA	NA	NA	NA	0.8 NJ	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1H-INDENE, 2,3-DIHYDRO-4,7-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1H-INDENE, OCTAHYDRO-, CIS- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1-METHYLDECAHYDRONAPHTHALENE (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015 NJ	NA	NA
(TIC) 1-PHENYL-1-BUTENE (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	0.49 NJ	NA	NA	NA	NA
(TIC) 1R-.ALPHA.-PINENE (mg/kg	----	NA	NA	NA	NA	NA	NA	0.012 NJ	NA	NA	NA	NA	NA	NA
(TIC) 2-METHYLADAMANTANE (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) ADAMANTANE (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) ADAMANTANE, 1,3-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,2,3,5-TETRAMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	0.68 NJ	NA	NA	NA	NA
(TIC) BENZENE, 1,2,3-TRIMETHYL- (mg/kg	----	NA	NA	0.49 NJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,2,4,5-TETRAMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,2-DIETHYL- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,4-DIETHYL- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	0.44 NJ	NA	NA	NA	NA
(TIC) BENZENE, 1-ETHYL-2,4-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	0.52 NJ	NA	NA	NA	NA
(TIC) BENZENE, 1-METHYL-2-(1-METHYLETHYL)- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1-METHYL-4-PROPYL- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	0.3 NJ	NA	NA	NA	NA
(TIC) BENZENE, 2-ETHYL-1,3-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 2-ETHYL-1,4-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 4-(2-BUTENYL)-1,2-DIMETHYL-, (E (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) DIPHENYL ETHER (mg/kg	----	NA	0.0062 NJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) INDANE (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-2,6-DIME (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-2-METHYL (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1-ETHYL- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1-METHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 2,3-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 2,7-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 2-METHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, DECAHYDRO-2-METHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) PENTALENE, OCTAHYDRO-2-METHYL- (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) TRANS-DECALIN, 2-METHYL- (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN (mg/kg	----	NA	0.0086 J	6.6 J	0.076 J	0.37 J	NA	0.012 J	0.012 J	0.35 J	NA	0.0061 J	0.011 J	0.0066 J
(TIC) UNKNOWN ALCOHOL (mg/kg	----	NA	0.0067 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN ALKANE (mg/kg	----	NA	0.0087 J	2.1 J	NA	0.59 J	NA	NA	0.0066 J	0.68 J	NA	0.0052 J	NA	0.0047 J
(TIC) UNKNOWN AROMATIC COMPOUND (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	0.52 J	NA	NA	NA	NA
(TIC) UNKNOWN C3-ALKYLBENZENE (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0068 J	NA	NA
(TIC) UNKNOWN C4-ALKYLBENZENE (mg/kg	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN NAPHTHALENE DERIVATIVE (mg/k	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE (mg/kg	290	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,1,2,2-TETRACHLOROETHANE (mg/kg	1	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,1,2-TRICHLOROETHANE (mg/kg	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,1-DICHLOROETHANE (mg/kg	8	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,1-DICHLOROETHENE (mg/kg	11	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2,3-TRICHLOROBENZENE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2,4-TRICHLOROBENZENE (mg/kg	73	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-DIBROMO-3-CHLOROPROPANE (mg/kg	.08	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-DIBROMOETHANE (mg/kg	.008	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-DICHLOROBENZENE (mg/kg	5300	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-DICHLOROETHANE (mg/kg	.9	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-DICHLOROPROPANE (mg/kg	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,2-XYLENE (mg/kg	12000	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,3-DICHLOROBENZENE (mg/kg	5300	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,4-DICHLOROBENZENE (mg/kg	5	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
1,4-DIOXANE (P-DIOXANE) (mg/kg	0	NA	0.11 R	9.1 R	0.095 R	6.6 R	NA	0.09 R	0.11 R	5.9 R	NA	0.095 R	0.1 R	0.088 R
2-BUTANONE (mg/kg	3100	NA	0.011 U	0.91 U	0.0095 U	0.66 U	NA	0.009 U	0.011 U	0.59 U	NA	0.0095 U	0.01 U	0.0043 J
2-HEXANONE (mg/kg	0	NA	0.011 U	0.91 U	0.0095 U	0.66 U	NA	0.009 U	0.011 U	0.59 U	NA	0.0095 U	0.01 U	0.0088 U
4-METHYL-2-PENTANONE (mg/kg	0	NA	0.011 U	0.91 U	0.0095 U	0.66 U	NA	0.009 U	0.011 U	0.59 U	NA	0.0095 U	0.01 U	0.0088 U
ACETONE (mg/kg)	70000	NA	0.0044 J	0.91 U	0.0095 U	0.66 U	NA	0.009 U	0.01 J	0.25 J	NA	0.0058 J	0.012	0.026
BENZENE (mg/kg)	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
BROMOCHLOROMETHANE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
BROMODICHLOROMETHANE (mg/kg	1	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
BROMOFORM (mg/kg)	81	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
BROMOMETHANE (mg/kg	25	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CARBON DISULFIDE (mg/kg	7800	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0024 J	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CARBON TETRACHLORIDE (mg/kg	.6	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CHLOROBENZENE (mg/kg)	510	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CHLOROETHANE (mg/kg	220	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CHLOROFORM (mg/kg)	.6	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CHLOROMETHANE (mg/kg	4	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CIS-1,2-DICHLOROETHENE (mg/kg	230	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0022 J	0.0051 U	0.0044 U
CIS-1,3-DICHLOROPROPENE (mg/kg	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
CYCLOHEXANE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
DIBROMOCHLOROMETHANE (mg/kg	3	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
DICHLORODIFLUOROMETHANE (mg/kg	490	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
DICHLOROMETHANE (mg/kg	34	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
ETHYLBENZENE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
ISOPROPYLBENZENE (mg/kg	0	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
M,P-XYLENE (mg/kg	----	NA	0.0053 U	0.11 J	0.0048 U	0.087 J	NA	0.0045 U	0.0056 U	0.071 J	NA	0.0022 J	0.0051 U	0.0044 U
METHYL ACETATE (mg/kg	78000	NA	0.0053 U	0.88	0.0048 U	0.49	NA	0.0045 U	0.0056 U	0.65	NA	0.0047 U	0.0051 U	0.0044 U
METHYLCYCLOHEXANE (mg/kg	0	NA	0.0053 U	10	0.0048 U	5.7	NA	0.0045 U	0.0056 U	0.59	NA	0.0047 U	0.0051 U	0.0044 U
METHYL-TERT-BUTYL-ETHER (MTBE) (mg/kg	110	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
STYRENE (mg/kg)	90	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TETRACHLOROETHENE (mg/kg	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TOLUENE (mg/kg)	6300	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TRANS-1,2-DICHLOROETHENE (mg/kg	300	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TRANS-1,3-DICHLOROPROPENE (mg/kg	2	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TRICHLOROETHENE (mg/kg	7	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
TRICHLOROFLUOROMETHANE (mg/kg	23000	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U
VINYL CHLORIDE (mg/kg	.7	NA	0.0053 U	0.46 U	0.0048 U	0.33 U	NA	0.0045 U	0.0056 U	0.3 U	NA	0.0047 U	0.0051 U	0.0044 U

Site ID	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
Location ID	MPSB0021	MPSB0022	MPSB0022	MPSB0022	MPSB0022	MPSB0022	MPSB0023	MPSB0023	MPSB0023	MPSB0023	MPSB0024	MPSB0024	MPSB0024
Field Sample ID	MPSB0021-SS-AL-AM-	MPSB0022-SS-AA-AB-	MPSB0022-SS-AD-AE-	MPSB0022-SS-AU-AV-	MPSB0022-SS-AL-AM-	MPSB0022-SS-AL-AM-	MPSB0023-SS-AA-AB-	MPSB0023-SS-AD-AE-	MPSB0023-SS-AU-AV-	MPSB0023-SS-AL-AM-	MPSB0024-SS-AA-AB-	MPSB0024-SS-AD-AE-	MPSB0024-SS-AL-AM-
Date Collected	12/09/2009	12/09/2009	12/09/2009	12/09/2009	12/09/2009	12/09/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
Depth	5.5-6.0	0.0-0.5	1.5-2.0	10.0-10.5	5.5-6.0	5.5-6.0	0.0-0.5	1.5-2.0	10.0-10.5	5.5-6.0	0.0-0.5	1.5-2.0	5.5-6.0
2-CHLORONAPHTHALENE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
2-CHLOROPHENOL (mg/kg)	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
2-METHYLNAPHTHALENE (mg/kg	0.19 U	0.18 U	0.29	0.22 U	0.22 U	0.2 U	0.08 J	NA	0.21 U	0.047 J	0.18 U	0.024 J	0.028 J
2-METHYLPHENOL (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
2-NITROANILINE (mg/kg	0.37 U	0.35 U	0.37 U	0.44 U	0.42 U	0.4 U	0.35 U	NA	0.41 U	0.37 U	0.35 U	0.36 U	0.43 U
2-NITROPHENOL (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
3,3'-DICHLOROBENZIDINE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
3-NITROANILINE (mg/kg	0.37 U	0.35 U	0.37 U	0.44 U	0.42 U	0.4 U	0.35 U	NA	0.41 U	0.37 U	0.35 U	0.36 U	0.43 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg	0.37 U	0.35 U	0.37 UJ	0.44 UJ	0.42 UJ	0.4 UJ	0.35 UJ	NA	0.41 UJ	0.37 UJ	0.35 UJ	0.36 UJ	0.43 UJ
4-BROMOPHENYL PHENYL ETHER (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
4-CHLORO-3-METHYLPHENOL (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
4-CHLOROANILINE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
4-CHLOROPHENYL-PHENYL ETHER (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
4-METHYLPHENOL (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
4-NITROANILINE (mg/kg	0.37 U	0.35 U	0.37 U	0.44 U	0.42 U	0.4 U	0.35 U	NA	0.41 U	0.37 U	0.35 U	0.36 U	0.43 U
4-NITROPHENOL (mg/kg	0.37 U	0.35 U	0.37 U	0.44 U	0.42 U	0.4 U	0.35 U	NA	0.41 U	0.37 U	0.35 U	0.36 U	0.43 U
ACENAPHTHENE (mg/kg	0.19 U	0.18 U	0.11 J	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.021 J	0.034 J
ACENAPHTHYLENE (mg/kg	0.19 U	0.18 U	0.069 J	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
ACETOPHENONE (mg/kg)	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.031 J	NA	0.21 U	0.19 U	0.03 J	0.18 U	0.22 U
ANTHRACENE (mg/kg	0.19 U	0.18 U	0.091 J	0.22 U	0.024 J	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.042 J
ATRAZINE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
BENZALDEHYDE (mg/kg	0.024 J	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
BENZO(A)ANTHRACENE (mg/kg	0.027 J	0.053 J	0.45	0.22 U	0.075 J	0.048 J	0.062 J	NA	0.21 U	0.069 J	0.068 J	0.093 J	0.18 J
BENZO(A)PYRENE (mg/kg	0.028 J	0.069 J	0.53	NA	0.076 J	0.053 J	0.082 J	NA	NA	0.064 J	0.069 J	0.1 J	0.12 J
BENZO(B)FLUORANTHENE (mg/kg	0.033 J	0.074 J	0.63	0.22 U	0.083 J	0.073 J	0.14 J	NA	0.21 U	0.065 J	0.062 J	0.1 J	0.19 J
BENZO(G,H,I)PERYLENE (mg/kg	0.19 U	0.029 J	0.14 J	0.22 U	0.047 J	0.038 J	0.051 J	NA	0.21 U	0.04 J	0.032 J	0.047 J	0.042 J
BENZO(K)FLUORANTHENE (mg/kg	0.024 J	0.066 J	0.68	0.22 U	0.086 J	0.053 J	0.091 J	NA	0.21 U	0.073 J	0.079 J	0.1 J	0.17 J
BENZYL BUTYL PHTHALATE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.022 J	0.22 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
BIS(2-CHLOROETHYL)ETHER (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
CAPROLACTAM (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
CARBAZOLE (mg/kg	0.19 U	0.18 U	0.025 J	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
CHRYSENE (mg/kg)	0.033 J	0.076 J	0.54	0.22 U	0.12 J	0.077 J	0.099 J	NA	0.21 U	0.091 J	0.083 J	0.12 J	0.29
DIBENZO(A,H)ANTHRACENE (mg/kg	0.19 U	0.18 U	0.067 J	NA	0.22 U	0.2 U	0.18 U	NA	NA	0.19 U	0.18 U	0.18 U	0.22 U
DIBENZOFURAN (mg/kg	0.19 U	0.18 U	0.051 J	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
DIETHYLPHTHALATE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
DIMETHYLPHTHALATE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
DI-N-BUTYLPHTHALATE (mg/kg	0.19 U	0.18 U	0.026 J	0.22 U	0.22 U	0.2 U	0.018 J	NA	0.21 U	0.19 U	0.18 U	0.021 J	0.22 U
DI-N-OCTYLPHTHALATE (mg/kg	0.19 U	0.18 U	0.19 UJ	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
FLUORANTHENE (mg/kg	0.054 J	0.076 J	0.91	0.22 U	0.32	0.19 J	0.14 J	NA	0.21 U	0.13 J	0.09 J	0.14 J	0.72
FLUORENE (mg/kg)	0.19 U	0.18 U	0.12 J	0.22 U	0.22 U	0.2 U	0.042 J	NA	0.21 U	0.081 J	0.18 U	0.18 U	0.023 J
HEXACHLOROBENZENE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
HEXACHLOROBUTADIENE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
HEXACHLOROCYCLOPENTADIENE (mg/kg	0.19 U	0.18 U	0.19 UJ	0.22 U	0.22 U	0.2 U	0.18 UJ	NA	0.21 UJ	0.19 UJ	0.18 UJ	0.18 UJ	0.22 UJ
HEXACHLOROETHANE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
INDENO(1,2,3-CD)PYRENE (mg/kg	0.19 U	0.03 J	0.15 J	0.22 U	0.041 J	0.038 J	0.045 J	NA	0.21 U	0.037 J	0.032 J	0.047 J	0.051 J
ISOPHORONE (mg/kg)	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
NAPHTHALENE (mg/kg	0.19 U	0.18 U	0.59	0.22 U	0.22 U	0.2 U	0.042 J	NA	0.21 U	0.19 U	0.18 U	0.055 J	0.27
NITROBENZENE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
N-NITROSODI-N-PROPYLAMINE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
N-NITROSODIPHENYLAMINE (mg/kg	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
PENTACHLOROPHENOL (mg/kg	0.37 U	0.35 U	0.37 U	0.44 U	0.42 U	0.4 U	0.35 U	NA	0.41 U	0.37 U	0.35 U	0.36 U	0.43 U
PHENANTHRENE (mg/kg	0.027 J	0.023 J	0.42	0.22 U	0.2 J	0.085 J	0.12 J	NA	0.21 U	0.24	0.056 J	0.089 J	0.24
PHENOL (mg/kg)	0.19 U	0.18 U	0.19 U	0.22 U	0.22 U	0.2 U	0.18 U	NA	0.21 U	0.19 U	0.18 U	0.18 U	0.22 U
PYRENE (mg/kg)	0.049 J	0.11 J	0.95	0.22 U	0.31	0.18 J	0.17 J	NA	0.21 U	0.18 J	0.087 J	0.13 J	0.49
SIMS													
BENZO(A)PYRENE (mg/kg	NA	NA	NA	0.014	NA	NA	NA	NA	0.0044 J	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE (mg/kg	NA	NA	NA	0.0013 J	NA	NA	NA	NA	0.0041 UJ	NA	NA	NA	NA
VOLATILES													
(TIC) 1-HEPTENE (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1H-INDENE, 2,3-DIHYDRO-4,7-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.65 NJ	NA	NA	NA
(TIC) 1H-INDENE, OCTAHYDRO-, CIS- (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.018 NJ	NA	NA	NA	NA
(TIC) 1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	1.3 NJ	NA	NA	NA	NA	NA
(TIC) 1-METHYLDECAHYDRONAPHTHALENE (mg/k	NA	NA	11 NJ	NA	0.17 NJ	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 1-PHENYL-1-BUTENE (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33 NJ	NA	NA	0.55 NJ
(TIC) 1R-.ALPHA.-PINENE (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) 2-METHYLADAMANTANE (mg/k	NA	NA	NA	NA	0.014 NJ	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) ADAMANTANE (mg/kg	NA	NA	NA	NA	0.044 NJ	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) ADAMANTANE, 1,3-DIMETHYL- (mg/k	NA	NA	NA	NA	0.019 NJ	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,2,3,5-TETRAMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,2,3-TRIMETHYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.55 NJ
(TIC) BENZENE, 1,2,4,5-TETRAMETHYL- (mg/k	NA	NA	15 NJ	NA	0.025 NJ	0.15 NJ	NA	1.8 NJ	NA	NA	NA	0.98 NJ	NA
(TIC) BENZENE, 1,2-DIETHYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	1.1 NJ	NA	NA	NA	NA	NA
(TIC) BENZENE, 1,4-DIETHYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 1-ETHYL-2,4-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.63 NJ	NA
(TIC) BENZENE, 1-METHYL-2-(1-METHYLETHYL)- (mg/k	NA	NA	11 NJ	NA	NA	NA	NA	NA	0.013 NJ	NA	NA	0.75 NJ	NA
(TIC) BENZENE, 1-METHYL-4-PROPYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 2-ETHYL-1,3-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	2.7 NJ	NA	NA	NA	NA	NA
(TIC) BENZENE, 2-ETHYL-1,4-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	0.076 NJ	NA	NA	NA	NA	NA	NA	NA
(TIC) BENZENE, 4-(2-BUTENYL)-1,2-DIMETHYL-, (E (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49 NJ	NA	NA	NA
(TIC) DIPHENYL ETHER (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) INDANE (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.75 NJ
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-2,6-DIME (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-2-METHYL (mg/k	NA	NA	NA	NA	NA	NA	NA	1.8 NJ	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL (mg/k	NA	NA	NA	NA	NA	NA	NA	4.5 NJ	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.51 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 1-ETHYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.72 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 1-METHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	2.1 NJ	NA	1.3 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 2,3-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.89 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 2,7-DIMETHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.84 NJ	NA	NA	NA
(TIC) NAPHTHALENE, 2-METHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2 NJ	NA	NA	NA
(TIC) NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL- (mg/k	NA	NA	1.1 NJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) NAPHTHALENE, DECAHYDRO-2-METHYL- (mg/k	NA	NA	NA	NA	0.044 NJ	0.11 NJ	NA	2 NJ	NA	NA	NA	0.49 NJ	NA
(TIC) PENTALENE, OCTAHYDRO-2-METHYL- (mg/k	NA	NA	NA	NA	NA	NA	NA	NA	0.03 NJ	NA	NA	NA	NA
(TIC) TRANS-DECALIN, 2-METHYL- (mg/kg	NA	NA	NA	NA	NA	NA	NA	4.6 NJ	NA	NA	NA	NA	NA
(TIC) UNKNOWN (mg/kg	0.082 J	NA	4.7 J	0.086 J	0.0093 J	0.048 J	NA	0.82 J	0.14 J	3.5 J	NA	0.75 J	0.69 J
(TIC) UNKNOWN ALCOHOL (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN ALKANE (mg/kg	NA	NA	5.7 J	0.011 J	0.075 J	0.22 J	NA	0.84 J	0.07 J	NA	NA	0.56 J	0.61 J
(TIC) UNKNOWN AROMATIC COMPOUND (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN C3-ALKYLBENZENE (mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN C4-ALKYLBENZENE (mg/kg	NA	NA	3 J	NA	0.31 J	0.0093 J	NA	NA	NA	NA	NA	NA	NA
(TIC) UNKNOWN NAPHTHALENE DERIVATIVE (mg/k	NA	NA	NA	NA	0.0076 J	0.019 J	NA	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,1,2,2-TETRACHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,1,2-TRICHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,1-DICHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,1-DICHLOROETHENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2,3-TRICHLOROBENZENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2,4-TRICHLOROBENZENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.15 J	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-DIBROMO-3-CHLOROPROPANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-DIBROMOETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-DICHLOROBENZENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-DICHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-DICHLOROPROPANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,2-XYLENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0064 U	0.0084 U	NA	0.26 J	0.0053 U	0.29 U	NA	0.26 U	0.35 J
1,3-DICHLOROBENZENE (mg/kg	0.0053 R	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,4-DICHLOROBENZENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.46	0.0053 U	0.29 U	NA	0.26 U	0.38 U
1,4-DIOXANE (P-DIOXANE) (mg/kg	0.11 U	NA	21 R	0.12 R	0.1 U	0.13 U	NA	6 R	0.11 R	5.9 R	NA	5.3 R	7.5 R
2-BUTANONE (mg/kg	0.011 U	NA	2.1 U	0.012 U	0.013 U	0.017 U	NA	0.6 U	0.0086 J	0.59 U	NA	0.53 U	0.75 U
2-HEXANONE (mg/kg	0.011 U	NA	2.1 U	0.012 U	0.01 U	0.013 U	NA	0.6 U	0.011 U	0.59 U	NA	0.53 U	0.75 U
4-METHYL-2-PENTANONE (mg/kg	0.011 U	NA	2.1 U	0.012 U	0.01 U	0.013 U	NA	0.6 U	0.011 U	0.59 U	NA	0.53 U	0.75 U
ACETONE (mg/kg)	0.015	NA	2.1 U	0.0075 J	0.014	0.017 U	NA	0.6 U	0.02	0.59 U	NA	0.53 U	0.75 U
BENZENE (mg/kg)	0.0053 U	NA	0.3 J	0.0059 U	0.0073 J	0.0084 U	NA	0.22 J	0.0053 U	0.29 U	NA	0.096 J	2
BROMOCHLOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
BROMODICHLOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
BROMOFORM (mg/kg)	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 UJ	0.38 U
BROMOMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 UJ	NA	0.26 U	0.38 UJ
CARBON DISULFIDE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0064 U	0.0084 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CARBON TETRACHLORIDE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CHLOROBENZENE (mg/kg)	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CHLOROETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CHLOROFORM (mg/kg)	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0084 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CHLOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CIS-1,2-DICHLOROETHENE (mg/kg	0.0053 U	NA	1.1 U	0.0074	0.0061 J	0.02	NA	0.3 U	0.0053 U	0.29 U	NA	0.17 J	0.24 J
CIS-1,3-DICHLOROPROPENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
CYCLOHEXANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0064 U	0.0084 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.1 J	0.13 J
DIBROMOCHLOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
DICHLORODIFLUOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
DICHLOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
ETHYLBENZENE (mg/kg	0.0053 U	NA	0.99 J	0.0059 U	0.0032 J	0.0084 U	NA	0.56	0.0053 U	0.29 U	NA	0.18 J	0.17 J
ISOPROPYLBENZENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0059	0.003 J	NA	0.18 J	0.0053 U	0.29 U	NA	0.26 U	0.13 J
M,P-XYLENE (mg/kg	0.0053 U	NA	1.5	0.0059 U	0.0082	0.0084 U	NA	0.93	0.0053 U	0.29 U	NA	0.2 J	0.44
METHYL ACETATE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.16 J	0.0053 U	0.29 U	NA	0.26 U	0.33 J
METHYLCYCLOHEXANE (mg/kg	0.0053 U	NA	1.5	0.0059 U	0.012	0.0084 U	NA	0.57	0.0053 U	0.29 U	NA	0.64	0.65
METHYL-TERT-BUTYL-ETHER (MTBE) (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
STYRENE (mg/kg)	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
TETRACHLOROETHENE (mg/kg	0.0053 U	NA	1.1 U	0.013	0.0064 U	0.0094 J	NA	0.3 U	0.0053 U	0.29 U	NA	0.2 J	0.26 J
TOLUENE (mg/kg)	0.0053 U	NA	1.1 U	0.0059 U	0.0064 U	0.0084 U	NA	0.55	0.0053 U	0.29 U	NA	0.062 J	0.097 J
TRANS-1,2-DICHLOROETHENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.66
TRANS-1,3-DICHLOROPROPENE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
TRICHLOROETHENE (mg/kg	0.0053 U	NA	1.1 U	0.11	0.0026 J	0.014 J	NA	0.3 U	0.0053 U	0.29 U	NA	0.092 J	0.2 J
TRICHLOROFLUOROMETHANE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U
VINYL CHLORIDE (mg/kg	0.0053 U	NA	1.1 U	0.0059 U	0.0052 U	0.0065 U	NA	0.3 U	0.0053 U	0.29 U	NA	0.26 U	0.38 U

Site ID		MP
Location ID		MPDD0001
Field Sample ID		MPDD0001-SD-AA-AB-0
Date Collected	2009 Sediment	02/04/2010
Depth	Action Levels	0.0-0.5
GRAIN SIZE		
CLAY (%)	----	**-0.5**
COARSE SAND (%)	----	**19.8**
FINE SAND (%)	----	**12**
GRAVEL (%)	----	**16.2**
MEDIUM SAND (%)	----	**50.9**
SILT (%)	----	**1.6**
INORGANICS		
PERCENT SOLIDS (%)	----	**85.5**
PH (su)	----	**7.1**
TOTAL ORGANIC CARBON (mg/kg)	----	**3200**
METALS		
ALUMINUM, TOTAL (mg/kg)	0	**1650 J**
ANTIMONY, TOTAL (mg/kg)	0	5.7 U
ARSENIC, TOTAL (mg/kg)	9.979	**4.7**
BARIUM, TOTAL (mg/kg)	0	19 U
BERYLLIUM, TOTAL (mg/kg)	0	0.47 U
CADMIUM, TOTAL (mg/kg)	.99	0.47 U
CALCIUM, TOTAL (mg/kg)	----	**4720**
CHROMIUM, TOTAL (mg/kg)	43.4	**7.5 R**
COBALT, TOTAL (mg/kg)	50	**1.4 J**
COPPER, TOTAL (mg/kg)	16	**23.1**
CYANIDE, TOTAL (mg/kg)	.0001	**0.17 J**
IRON, TOTAL (mg/kg)	0	**4900 J**
LEAD, TOTAL (mg/kg)	31	**16.2**
MAGNESIUM, TOTAL (mg/kg)	0	**2630**
MANGANESE, TOTAL (mg/kg)	630	**50.3 J**
MERCURY, TOTAL (mg/kg)	.174	0.094 U
NICKEL, TOTAL (mg/kg)	16	**3 J**
POTASSIUM, TOTAL (mg/kg)	0	**388 J**
SELENIUM, TOTAL (mg/kg)	0	3.3 U
SILVER, TOTAL (mg/kg)	.5	0.95 U
SODIUM, TOTAL (mg/kg)	0	475 U
THALLIUM, TOTAL (mg/kg)	0	2.4 U
VANADIUM, TOTAL (mg/kg)	----	**6.7**
ZINC, TOTAL (mg/kg)	120	**36.2**
PESTICIDES/PCBS		
4,4'-DDD (mg/kg)	.00488	0.0038 U
4,4'-DDE (mg/kg)	.00316	0.0038 U
4,4'-DDT (mg/kg)	.00416	0.0038 U
ALDRIN (mg/kg)	.002	0.002 U
ALPHA-BHC (mg/kg)	.006	0.002 U
ALPHA-CHLORDANE (mg/kg)	.00324	0.002 U
AROCLOR-1016 (mg/kg)	.007	0.038 U
AROCLOR-1221 (mg/kg)	.0598	0.038 U
AROCLOR-1232 (mg/kg)	.0598	0.038 U
AROCLOR-1242 (mg/kg)	.0598	0.038 U
AROCLOR-1248 (mg/kg)	.03	0.038 U
AROCLOR-1254 (mg/kg)	.06	0.038 U
AROCLOR-1260 (mg/kg)	.005	**0.021 J**
AROCLOR-1262 (mg/kg)	.0598	0.038 U
AROCLOR-1268 (mg/kg)	.0598	0.038 U
BETA-BHC (mg/kg)	.005	0.002 U
DELTA-BHC (mg/kg)	----	0.002 U
DIELDRIN (mg/kg)	.0019	0.0038 U
ENDOSULFAN I (mg/kg)	0	0.002 U
ENDOSULFAN II (mg/kg)	0	0.0038 U
ENDOSULFAN SULFATE (mg/kg)	.0346	0.0038 U
ENDRIN (mg/kg)	.0022	0.0038 U
ENDRIN ALDEHYDE (mg/kg)	.48	0.0038 U
ENDRIN KETONE (mg/kg)	0	**0.0029 J**
GAMMA-BHC (LINDANE) (mg/kg)	.003	0.002 U
GAMMA-CHLORDANE (mg/kg)	.00324	**0.0017 J**

Site ID		MP
Location ID		MPDD0001
Field Sample ID		MPDD0001-SD-AA-AB-0
Date Collected	2009 Sediment	02/04/2010
Depth	Action Levels	0.0-0.5
HEPTACHLOR (mg/kg)	.0006	0.002 U
HEPTACHLOR EPOXIDE (mg/kg)	.00247	0.002 U
METHOXYCHLOR (mg/kg)	.0136	0.02 U
TOXAPHENE (mg/kg)	.000077	0.2 U
SEMIVOLATILES		
(TIC) 1,2:7,8-DIBENZOPHENANTHRENE (mg/kg)	----	**0.82 NJ**
(TIC) 10,18-BISNORABIETA-5,7,9(10),11,13-PENTA (mg/kg)	----	**0.55 NJ**
(TIC) 11H-BENZO[A]FLUOREN-11-ONE (mg/kg)	----	**0.49 NJ**
(TIC) 11H-BENZO[B]FLUORENE (mg/kg)	----	**0.64 NJ**
(TIC) 1H-BENZ[F]INDENE, 2-PHENYL- (mg/kg)	----	**0.9 NJ**
(TIC) 2-PENTANONE, 4-HYDROXY-4-METHYL- (mg/kg)	----	**16 NJ**
(TIC) 3-BUTEN-2-ONE, 3-METHYL- (mg/kg)	----	**0.74 NJ**
(TIC) 4H-CYCLOPENTA[DEF]PHENANTHRENE (mg/kg)	----	**1.4 NJ**
(TIC) 7H-BENZO[C]CARBAZOLE (mg/kg)	----	**1.1 NJ**
(TIC) 9,10-ANTHRACENEDIONE (mg/kg)	----	**1.5 NJ**
(TIC) ANTHRACENE, 9-METHYL- (mg/kg)	----	**0.41 NJ**
(TIC) BENZ(A)ANTHRACENE-7,12-DIONE (mg/kg)	----	**1.2 NJ**
(TIC) BENZO(C)CARBAZOLE (mg/kg)	----	**0.82 NJ**
(TIC) BENZO[B]NAPHTHO[2,1-D]THIOPHENE (mg/kg)	----	**0.45 NJ**
(TIC) BENZO[B]NAPHTHO[2,3-D]THIOPHENE (mg/kg)	----	**1.5 NJ**
(TIC) BENZO[C]PHENANTHRENE (mg/kg)	----	**1 NJ**
(TIC) BENZO[E]PYRENE (mg/kg)	----	**3.5 NJ**
(TIC) BENZO[J]FLUORANTHENE (mg/kg)	----	**0.87 NJ**
(TIC) BUTANE, 2-METHOXY-2-METHYL- (mg/kg)	----	**1.4 NJ**
(TIC) CYCLOPENTA(CD)PYRENE, 3,4-DIHYDRO- (mg/kg)	----	**0.39 NJ**
(TIC) CYCLOPENTA[CD]PYRENE (mg/kg)	----	**0.76 NJ**
(TIC) DIBENZ(A,E)ACEANTHRYLENE (mg/kg)	----	**0.42 NJ**
(TIC) DIBENZO[DEF,MNO]CHRYSENE (mg/kg)	----	**0.39 NJ**
(TIC) INDENO[1,2,3-CD]FLUORANTHENE (mg/kg)	----	**0.45 NJ**
(TIC) PERYLENE (mg/kg)	----	**1.4 NJ**
(TIC) PHENANTHRENE, 2-METHYL- (mg/kg)	----	**0.54 NJ**
(TIC) PYRENE, 1-METHYL- (mg/kg)	----	**1.1 NJ**
(TIC) PYRENE, 2-METHYL- (mg/kg)	----	**0.42 NJ**
(TIC) UNKNOWN (mg/kg)	----	**0.95 J**
(TIC) UNKNOWN PAH (mg/kg)	----	**0.42 J**
1,1'-BIPHENYL (mg/kg)	0	0.2 U
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	1.252	0.2 U
2,2'-OXYBIS(1-CHLOROPROPANE) (mg/kg)	0	0.2 U
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	0	0.2 U
2,4,5-TRICHLOROPHENOL (mg/kg)	0	0.2 U
2,4,6-TRICHLOROPHENOL (mg/kg)	.208	0.2 U
2,4-DICHLOROPHENOL (mg/kg)	.0817	0.2 U
2,4-DIMETHYLPHENOL (mg/kg)	.304	0.2 U
2,4-DINITROPHENOL (mg/kg)	.00621	0.39 UJ
2,4-DINITROTOLUENE (mg/kg)	.0144	0.2 U
2,6-DINITROTOLUENE (mg/kg)	0	0.2 U
2-CHLORONAPHTHALENE (mg/kg)	.417	0.2 U
2-CHLOROPHENOL (mg/kg)	.0319	0.2 U
2-METHYLNAPHTHALENE (mg/kg)	.0202	**0.026 J**
2-METHYLPHENOL (mg/kg)	0	0.2 U
2-NITROANILINE (mg/kg)	0	0.39 U
2-NITROPHENOL (mg/kg)	0	0.2 U
3,3'-DICHLOROBENZIDINE (mg/kg)	.127	0.2 U
3-NITROANILINE (mg/kg)	0	0.39 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	0	0.39 UJ
4-BROMOPHENYL PHENYL ETHER (mg/kg)	0	0.2 U
4-CHLORO-3-METHYLPHENOL (mg/kg)	0	0.2 U
4-CHLOROANILINE (mg/kg)	0	0.2 U
4-CHLOROPHENYL-PHENYL ETHER (mg/kg)	0	0.2 U
4-METHYLPHENOL (mg/kg)	0	0.2 U
4-NITROANILINE (mg/kg)	0	0.39 U
4-NITROPHENOL (mg/kg)	.0133	0.39 U
ACENAPHTHENE (mg/kg)	.00671	**0.3**

Site ID		MP
Location ID		MPDD0001
Field Sample ID		MPDD0001-SD-AA-AB-0
Date Collected	2009 Sediment	02/04/2010
Depth	Action Levels	0.0-0.5
ACENAPHTHYLENE (mg/kg)	.00587	**0.022 J**
ACETOPHENONE (mg/kg)	0	0.2 U
ANTHRACENE (mg/kg)	.0572	**0.61**
ATRAZINE (mg/kg)	0	0.2 U
BENZALDEHYDE (mg/kg)	0	0.2 U
BENZO(G,H,I)PERYLENE (mg/kg)	.17	**1**
BENZYL BUTYL PHTHALATE (mg/kg)	.197	0.2 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	0	0.2 U
BIS(2-CHLOROETHYL)ETHER (mg/kg)	3.52	0.2 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	.182	**0.15 J**
CAPROLACTAM (mg/kg)	0	0.2 U
CARBAZOLE (mg/kg)	0	**0.72**
DIBENZO(A,H)ANTHRACENE (mg/kg)	.033	**0.33**
DIBENZOFURAN (mg/kg)	0	**0.14 J**
DIETHYLPHTHALATE (mg/kg)	.295	0.2 U
DIMETHYLPHTHALATE (mg/kg)	0	0.2 U
DI-N-BUTYLPHTHALATE (mg/kg)	.1114	0.2 U
DI-N-OCTYLPHTHALATE (mg/kg)	0	0.2 U
FLUORENE (mg/kg)	.0774	**0.32**
HEXACHLOROBENZENE (mg/kg)	.02	0.2 U
HEXACHLOROBUTADIENE (mg/kg)	.02654	0.2 U
HEXACHLOROCYCLOPENTADIENE (mg/kg)	.901	0.2 UJ
HEXACHLOROETHANE (mg/kg)	.584	0.2 U
INDENO(1,2,3-CD)PYRENE (mg/kg)	.2	**1.2**
ISOPHORONE (mg/kg)	.432	0.2 U
NAPHTHALENE (mg/kg)	.16	0.2 U
NITROBENZENE (mg/kg)	.145	0.2 U
N-NITROSODI-N-PROPYLAMINE (mg/kg)	0	0.2 U
N-NITROSODIPHENYLAMINE (mg/kg)	0	0.2 U
PENTACHLOROPHENOL (mg/kg)	23	0.39 U
PHENOL (mg/kg)	.0491	0.2 U
VOLATILES		
(TIC) UNKNOWN (mg/kg)	----	**0.069 J**
(TIC) UNKNOWN ALKANE (mg/kg)	----	**0.018 J**
1,1,1-TRICHLOROETHANE (mg/kg)	.213	0.0063 U
1,1,2,2-TETRACHLOROETHANE (mg/kg)	.85	0.0063 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (mg/kg)	0	0.0063 U
1,1,2-TRICHLOROETHANE (mg/kg)	.518	0.0063 U
1,1-DICHLOROETHANE (mg/kg)	0	0.0063 U
1,1-DICHLOROETHENE (mg/kg)	.0194	0.0063 U
1,2,3-TRICHLOROBENZENE (mg/kg)	0	0.0063 U
1,2,4-TRICHLOROBENZENE (mg/kg)	5.062	0.0063 U
1,2-DIBROMO-3-CHLOROPROPANE (mg/kg)	0	0.0063 U
1,2-DIBROMOETHANE (mg/kg)	0	0.0063 U
1,2-DICHLOROBENZENE (mg/kg)	.294	0.0063 U
1,2-DICHLOROETHANE (mg/kg)	.26	0.0063 U
1,2-DICHLOROPROPANE (mg/kg)	.333	0.0063 U
1,2-XYLENE (mg/kg)	.12	0.0063 U
1,3-DICHLOROBENZENE (mg/kg)	1.315	0.0063 U
1,4-DICHLOROBENZENE (mg/kg)	.318	0.0063 U
1,4-DIOXANE (P-DIOXANE) (mg/kg)	0	**0.13 R**
2-BUTANONE (mg/kg)	0	0.013 U
2-HEXANONE (mg/kg)	0	0.013 U
4-METHYL-2-PENTANONE (mg/kg)	0	0.013 U
ACETONE (mg/kg)	0	**0.0053 J**
BENZENE (mg/kg)	.142	0.0063 U
BROMOCHLOROMETHANE (mg/kg)	0	0.0063 U
BROMODICHLOROMETHANE (mg/kg)	0	0.0063 U
BROMOFORM (mg/kg)	.492	0.0063 U
BROMOMETHANE (mg/kg)	.00137	0.0063 U
CARBON DISULFIDE (mg/kg)	0	0.0063 U
CARBON TETRACHLORIDE (mg/kg)	1.45	0.0063 U
CHLOROBENZENE (mg/kg)	.291	0.0063 U

Site ID		MP
Location ID		MPDD0001
Field Sample ID		MPDD0001-SD-AA-AB-0
Date Collected	2009 Sediment	02/04/2010
Depth	Action Levels	0.0-0.5
CHLOROETHANE (mg/kg)	0	0.0063 U
CHLOROFORM (mg/kg)	.121	0.0063 U
CHLOROMETHANE (mg/kg)	0	0.0063 U
CIS-1,2-DICHLOROETHENE (mg/kg)	0	0.0063 U
CIS-1,3-DICHLOROPROPENE (mg/kg)	0	0.0063 U
CYCLOHEXANE (mg/kg)	0	0.0063 U
DIBROMOCHLOROMETHANE (mg/kg)	0	0.0063 U
DICHLORODIFLUOROMETHANE (mg/kg)	0	0.0063 U
DICHLOROMETHANE (mg/kg)	.159	0.0063 U
ETHYLBENZENE (mg/kg)	.175	0.0063 U
ISOPROPYLBENZENE (mg/kg)	0	0.0063 U
M,P-XYLENE (mg/kg)	.12	0.0063 U
METHYL ACETATE (mg/kg)	0	0.0063 U
METHYLCYCLOHEXANE (mg/kg)	0	0.0063 U
METHYL-TERT-BUTYL-ETHER (MTBE) (mg/kg)	0	0.0063 U
STYRENE (mg/kg)	.254	0.0063 U
TETRACHLOROETHENE (mg/kg)	.99	0.0063 U
TOLUENE (mg/kg)	1.22	0.0063 U
TRANS-1,2-DICHLOROETHENE (mg/kg)	.654	0.0063 U
TRANS-1,3-DICHLOROPROPENE (mg/kg)	0	0.0063 U
TRICHLOROETHENE (mg/kg)	.112	0.0063 U
TRICHLOROFLUOROMETHANE (mg/kg)	0	0.0063 U
VINYL CHLORIDE (mg/kg)	.202	0.0063 U

Brandywine Realty Trust
Sinkhole Composite Sample
(S-1, S-3, S-8)

Sample ID Lab Sample Number Sampling Date Matrix	Regulatory Limit (mg/L)	PWWC0002-050207 826637 05/02/07 SOLID
TCLP VOLATILE COMPOUNDS (GC/MS)		
Vinyl Chloride (mg/L)	0.2	0.005 U
1,1-Dichloroethene (mg/L)	0.7	0.002 U
Chloroform (mg/L)	6.0	0.005 U
1,2-Dichloroethane (mg/L)	0.5	0.002 U
Methyl Ethyl Ketone (mg/L)	200	0.005 U
Carbon Tetrachloride (mg/L)	0.5	0.002 U
Trichloroethene (mg/L)	0.5	0.001 U
Benzene (mg/L)	0.5	0.001 U
Tetrachloroethene (mg/L)	0.7	0.001 U
Chlorobenzene (mg/L)	100	0.005 U
TCLP SEMIVOLATILE COMPOUNDS (GC/MS)		
o-Cresol (mg/L)	200	0.04 U
m&p-Cresol (mg/L)	200	0.04 U
2,4,6-Trichlorophenol (mg/L)	2.0	0.04 U
2,4,5-Trichlorophenol (mg/L)	400	0.04 U
Pentachlorophenol (mg/L)	100	0.12 U
1,4-Dichlorobenzene (mg/L)	7.5	0.04 U
Hexachloroethane (mg/L)	3.0	0.004 U
Nitrobenzene (mg/L)	2.0	0.004 U
Hexachlorobutadiene (mg/L)	0.5	0.008 U
2,4-Dinitrotoluene (mg/L)	0.13	0.008 U
Hexachlorobenzene (mg/L)	0.13	0.004 U
Pyridine (mg/L)	5.0	0.04 U
TCLP HERBICIDES		
2,4-D (mg/L)	10.0	0.08 U
2,4,5-TP(Silvex) (mg/L)	1.0	0.08 U
TCLP PESTICIDES/PCBs		
gamma-BHC(Lindane) (mg/L)	0.4	0.0005 U
Chlordane (mg/L)	0.03	0.005 U
Endrin (mg/L)	0.02	0.0005 U
Heptachlor (mg/L)	0.008	0.0005 U
Heptachlor epoxide (mg/L)	0.008	0.0005 U
Methoxychlor (mg/L)	10.0	0.0005 U
Toxaphene (mg/L)	0.5	0.005 U
TCLP METALS		
Arsenic (mg/L)	5.0	0.024 U
Barium (mg/L)	100.0	1.1
Cadmium (mg/L)	1.0	0.008 B
Chromium (mg/L)	5.0	0.02 B
Lead (mg/L)	5.0	3.5
Mercury (mg/L)	0.2	0.00010 U
Selenium (mg/L)	1.0	0.03
Silver (mg/L)	5.0	0.013 U
WET CHEMISTRY		
Corrosivity - pH units	2< pH <12.5	7.97
Ignitability - deg F	40CFR 261.21	Non-Ignitable
Reactive Cyanide - mg/kg	40CFR 261.23	50 U
Reactive Sulfide - mg/kg	40CFR 261.23	40 U

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

Brandywine Realty Trust
Silver Lake Culvert Composite Sample
(S-4, S-6, S-7)

Sample ID Lab Sample Number Sampling Date Matrix	Regulatory Limit (mg/L)	PWWC0003-050207 826638 05/02/07 SOLID
TCLP VOLATILE COMPOUNDS (GC/MS)		
Vinyl Chloride (mg/L)	0.2	0.005 U
1,1-Dichloroethene (mg/L)	0.7	0.002 U
Chloroform (mg/L)	6.0	0.005 U
1,2-Dichloroethane (mg/L)	0.5	0.002 U
Methyl Ethyl Ketone (mg/L)	200	0.005 U
Carbon Tetrachloride (mg/L)	0.5	0.002 U
Trichloroethene (mg/L)	0.5	0.001 U
Benzene (mg/L)	0.5	0.001 U
Tetrachloroethene (mg/L)	0.7	0.001 U
Chlorobenzene (mg/L)	100	0.005 U
TCLP SEMIVOLATILE COMPOUNDS (GC/MS)		
o-Cresol (mg/L)	200	0.04 U
m&p-Cresol (mg/L)	200	0.04 U
2,4,6-Trichlorophenol (mg/L)	2.0	0.04 U
2,4,5-Trichlorophenol (mg/L)	400	0.04 U
Pentachlorophenol (mg/L)	100	0.12 U
1,4-Dichlorobenzene (mg/L)	7.5	0.04 U
Hexachloroethane (mg/L)	3.0	0.004 U
Nitrobenzene (mg/L)	2.0	0.004 U
Hexachlorobutadiene (mg/L)	0.5	0.008 U
2,4-Dinitrotoluene (mg/L)	0.13	0.008 U
Hexachlorobenzene (mg/L)	0.13	0.004 U
Pyridine (mg/L)	5.0	0.04 U
TCLP HERBICIDES		
2,4-D (mg/L)	10.0	0.08 U
2,4,5-TP(Silvex) (mg/L)	1.0	0.08 U
TCLP PESTICIDES/PCBs		
gamma-BHC(Lindane) (mg/L)	0.4	0.0005 U
Chlordane (mg/L)	0.03	0.005 U
Endrin (mg/L)	0.02	0.0005 U
Heptachlor (mg/L)	0.008	0.0005 U
Heptachlor epoxide (mg/L)	0.008	0.0005 U
Methoxychlor (mg/L)	10.0	0.0005 U
Toxaphene (mg/L)	0.5	0.005 U
TCLP METALS		
Arsenic (mg/L)	5.0	0.51
Barium (mg/L)	100.0	1.4
Cadmium (mg/L)	1.0	0.003 U
Chromium (mg/L)	5.0	0.02 B
Lead (mg/L)	5.0	6.9
Mercury (mg/L)	0.2	0.00010 U
Selenium (mg/L)	1.0	0.025 U
Silver (mg/L)	5.0	0.013 U
WET CHEMISTRY		
Corrosivity - pH units	2< pH <12.5	7.23
Ignitability - deg F	40CFR 261.21	Non-Ignitable
Reactive Cyanide - mg/kg	40CFR 261.23*	50 U
Reactive Sulfide - mg/kg	40CFR 261.23*	144

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

Shaded result exceeded the regulatory level.

* - 40CFR 261.23(a)(5): It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

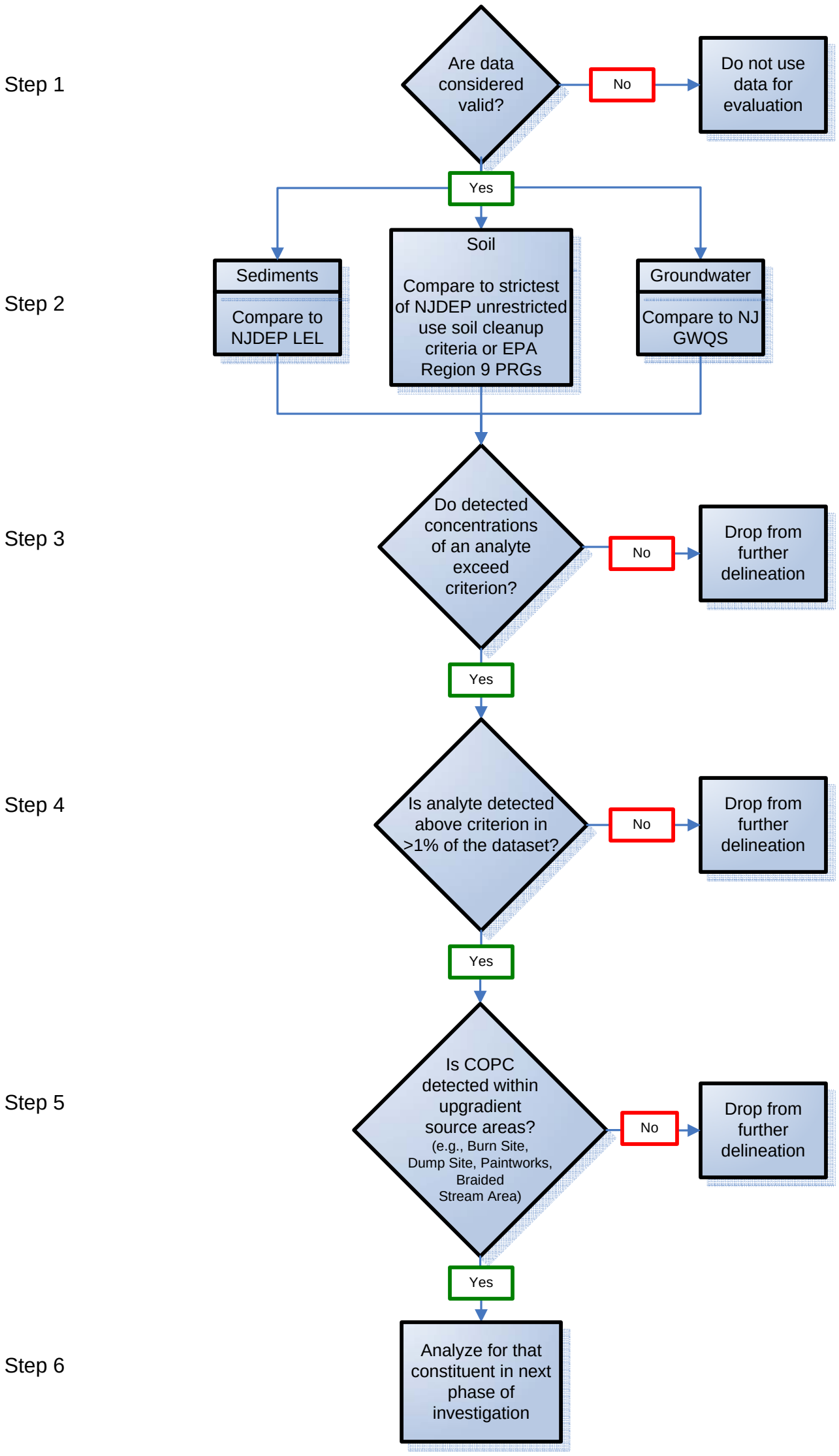
Brandywine Realty Trust
Sinkhole Discrete VO Sample
(S-1)

Field Sample ID Date Collected Sample Depth (ft) Matrix Analyte	NJDEP Impact to Groundwater Soil Cleanup Criteria	NJDEP Residential Direct Contact Soil Cleanup Criteria	NJDEP Non-Residential Direct Contact Soil Cleanup Criteria	PWSB0022-SS-AF-AG-0 5/2/2007 2.5-3 Soil
VOLATILES				
1,1,1-TRICHLOROETHANE (mg/kg)	50	210	1000	0.01 U
1,1,2,2-TETRACHLOROETHANE (mg/kg)	1	34	70	0.01 U
1,1,2-TRICHLOROETHANE (mg/kg)	1	22	420	0.01 U
1,1,2-TRICHLOROTRIFLUOROETHANE (mg/kg)	----	----	----	0.01 U
1,1-DICHLOROETHANE (mg/kg)	10	570	1000	0.01 U
1,1-DICHLOROETHENE (mg/kg)	10	8	150	0.01 U
1,2,4-TRICHLOROBENZENE (mg/kg)	100	68	1200	0.01 U
1,2-DIBROMO-3-CHLOROPROPANE (mg/kg)	----	----	----	0.01 U
1,2-DIBROMOMETHANE (mg/kg)	----	----	----	0.01 U
1,2-DICHLOROBENZENE (mg/kg)	50	5100	10000	0.01 U
1,2-DICHLOROETHANE (mg/kg)	1	6	24	0.01 U
1,2-DICHLOROPROPANE (mg/kg)	----	10	43	0.01 U
1,3-DICHLOROBENZENE (mg/kg)	100	5100	10000	0.01 U
1,4-DICHLOROBENZENE (mg/kg)	100	570	10000	0.01 U
2-BUTANONE (mg/kg)	50	1000	1000	0.004 J
2-HEXANONE (mg/kg)	----	----	----	0.01 U
4-METHYL-2-PENTANONE (MIBK) (mg/kg)	50	1000	1000	0.01 U
ACETONE (mg/kg)	100	1000	1000	0.16
BENZENE (mg/kg)	1	3	13	0.01 U
BROMODICHLOROMETHANE (mg/kg)	1	11	46	0.01 U
BROMOFORM (mg/kg)	1	86	370	0.01 U
BROMOMETHANE (mg/kg)	1	79	1000	0.01 U
CARBON DISULFIDE (mg/kg)	----	----	----	0.01 U
CARBON TETRACHLORIDE (mg/kg)	1	2	4	0.01 U
CHLOROBENZENE (mg/kg)	1	37	680	0.01 U
CHLOROETHANE (mg/kg)	----	----	----	0.01 U
CHLOROFORM (mg/kg)	1	19	28	0.01 U
CHLOROMETHANE (mg/kg)	10	520	1000	0.01 U
CIS-1,2-DICHLOROETHENE (mg/kg)	1	79	1000	0.01 U
CIS-1,3-DICHLOROPROPENE (mg/kg)	1	4	5	0.01 U
CYCLOHEXANE (mg/kg)	----	----	----	0.01 U
DIBROMOCHLOROMETHANE (mg/kg)	1	110	1000	0.01 U
DICHLORODIFLUOROMETHANE (mg/kg)	----	----	----	0.01 U
ETHYLBENZENE (mg/kg)	100	1000	1000	0.01 U
ISOPROPYLBENZENE (mg/kg)	----	----	----	0.01 U
METHYL ACETATE (mg/kg)	----	----	----	0.01 U
METHYLCYCLOHEXANE (mg/kg)	----	----	----	0.01 U
METHYLENE CHLORIDE (mg/kg)	1	49	210	0.01 U
METHYL TERT-BUTYL ETHER (mg/kg)	----	----	----	0.01 U
STYRENE (mg/kg)	100	23	97	0.01 U
TETRACHLOROETHENE (mg/kg)	1	4	6	0.01 U
TOLUENE (mg/kg)	500	1000	1000	0.01 U
TRANS-1,2-DICHLOROETHENE (mg/kg)	50	1000	1000	0.01 U
TRANS-1,3-DICHLOROPROPENE (mg/kg)	1	4	5	0.01 U
TRICHLOROETHENE (mg/kg)	1	23	54	0.01 U
TRICHLOROFLUOROMETHANE (mg/kg)	----	----	----	0.01 U
VINYL CHLORIDE (mg/kg)	10	2	7	0.01 U
XYLENES (TOTAL) (mg/kg)	67	410	1000	0.01 U
TICs Total (mg/kg)	1000	1000	1000	11.89

NOTES:
NJDEP - New Jersey Department of Environmental Protection.
TICs - Tentatively Identified Compounds.
U - Compound not detected.
J - Estimated.

Figure 1

Decision-Making Process – Non-Residential Properties
Approach for Media Screening and Subsequent Delineation
Sherwin-Williams Gibbsboro Sites RI/FS



Note: All detected constituents exceeding screening criteria, or for which criteria do not exist, will be considered in the Risk Assessment

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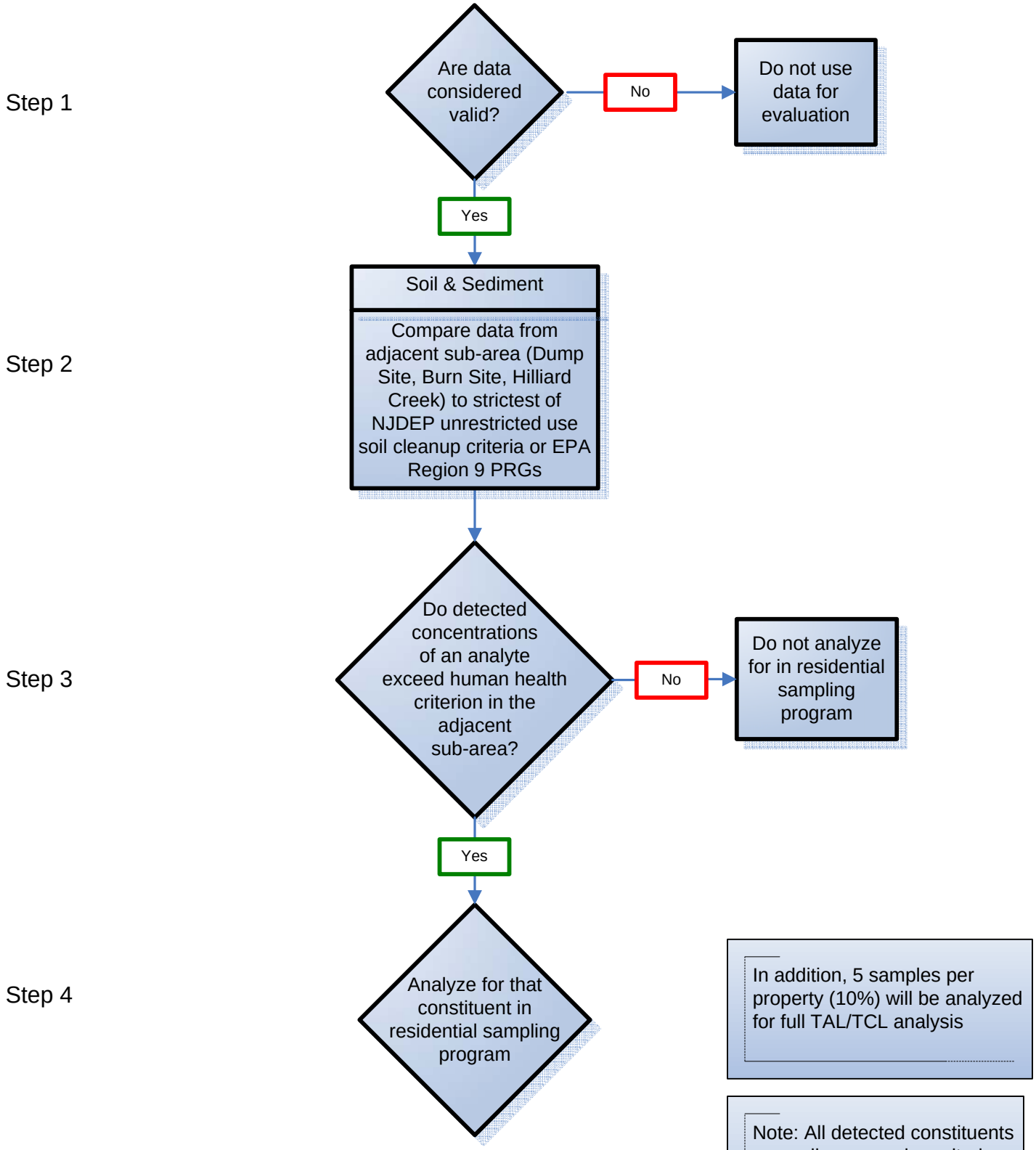
Figure 2

Decision-Making Process
Residential Sampling Program Design
Sherwin-Williams Gibbsboro Sites RI/FS



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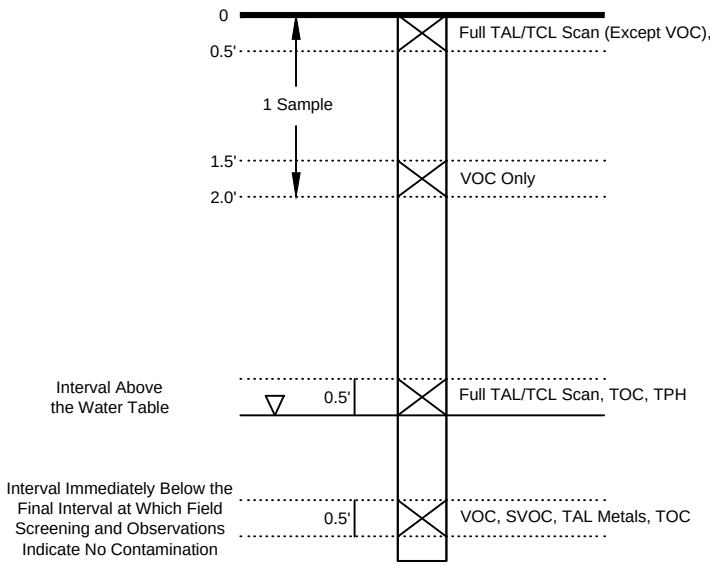
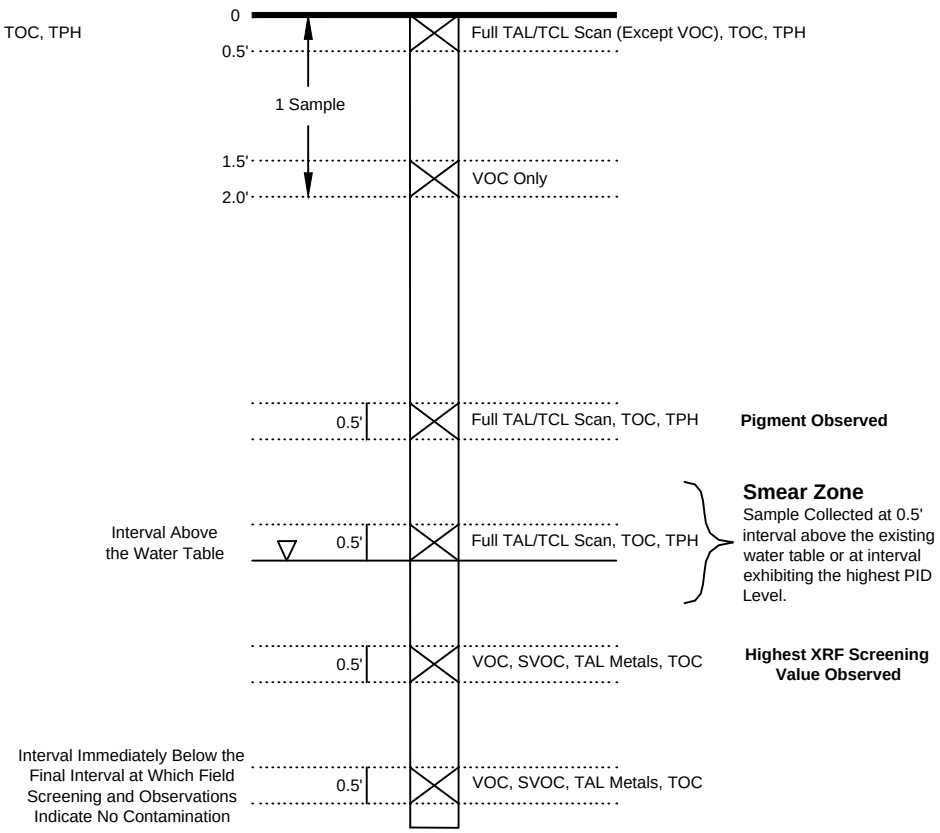
Soil Sampling Profiles

Typical Sampling Interval
Based on No Remarkable Observations



Typical Sampling Interval
Based on Elevated Field Screening Results and Observations



Notes:

1. All samples collected will be analyzed for TOC.
2. Full TAL/TCL Scan analysis consists of VOCs, SVOCs, TAL Metals plus Cyanide, PCBs, and Pesticides.
3. Samples collected from the unsaturated zone will be analyzed for Full TAL/TCL Scan and TPH.
4. Samples collected from the saturated zone will be analyzed for VOCs, SVOCs, and TAL Metals.
5. This figure originally provided as Figure 5-2 in the "*Supplemental Remedial Investigation Work Plan - Sherwin-Williams / Hilliard Creek Site - Former Manufacturing Plant - Gibbsboro, NJ*", dated May 2009 (revised July 2009).

LEGEND:

TITLE: Soil Sampling Profiles

PROJECT: Former Manufacturing Plant - Remedial Investigation

CLIENT NAME: The Sherwin-Williams Company

DATE: MARCH 2011

FIGURE #: 6

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Appendix J:
Pre-Remedial Investigation Soil Boring Logs
(Included on CD only)

Contents:

Soil Boring ID	Soil Boring Log	Total No. Pages
FP098	•	2
FP099	•	1
FP100	•	2
FP101	•	2
FP102	•	2
FP103	•	2
FP104	•	2
FP105	•	2
FP106	•	2
FP107	•	1
FP157	•	2
FP158	•	2
FP159	•	2
FP160	•	1
FP161	•	1
FP168	•	2
FP170	•	1
FP171	•	1
FPBKG	•	2
SS-PH04	–	–
SS-PH05	–	–
SS-PH06	–	–
SS-PH07	–	–
TP-64	–	–

Notes:
● = Included in this Appendix

SOIL BORING-WELL LOG: SS-FP-098

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-098
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/7/03
GEOLOGIST/LOGGER: Gilberto Mello

Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837
ph. (732) 417-5800 fax (732) 417-5801
www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	100	300		GP	**FILL** Orange coarse SAND and black gravelly SAND. Loose dry. Concrete fragments.	Possible concrete slab at 2 feet bgs.
4–7	2	75	1300		SP	**FILL** Orange-yellow coarse SAND some silt. Loose dry.	
7–8					SM	Light brown fine SAND little silt. Loose dry.	
8–12	3	90	4200			Light brown fine SAND little silt. Moist, medium dense.	Groundwater at 11.8 feet. Product staining. Sample SS-FP-098-8-12.
12–16	4	100	9			Light brown fine SAND little silt. Wet loose.	
16–20	5	100				Light brown fine SAND little silt. Wet loose.	Sample SS-FP-098-16-20.
20–24	6	100				Light brown fine SAND little silt. Moist, medium dense.	

SOIL BORING-WELL LOG: SS-FP-098

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-098
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/7/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
25					SM	Light brown fine SAND little silt. Moist, medium dense.	Drilling method changed to discrete sampling.
26	7	100	300			Gray fine SAND little silt. Wet, medium dense.	Sample SS-FP-098-24-28.
27						Light brown fine SAND little silt. Wet, medium dense.	
28						Orange-brown fine SAND little silt. Varved, wet, medium dense.	FID readings = background air below 28 feet bgs.
29							
30	8	100					
31							
32						Orange-brown fine SAND little silt. Varved, wet, medium dense.	
33							
34	9	100					
35							
36							END OF BOREHOLE
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							

SOIL BORING-WELL LOG: SS-FP-099

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-099
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/7/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	50	172		SP	FILL Dark brown medium SAND little gravel. Loose dry.	
4–8	2	75	80 110		SP SW	FILL Light brown coarse SAND, loose dry. Light brown medium to fine SAND. Loose dry.	
8–12	3	75	770			Light brown-orange medium to fine SAND. Moist, medium dense.	
12–16	4	80	1300			Light brown-orange medium to fine SAND. Moist, medium dense.	Groundwater at 14.5 feet. Sample SS-FP-099-12-16. Black staining.
16–20	5	100	20		SM	Light brown- orange fine SAND some silt. Varved, moist, medium dense.	
20–24	6	100	50			Light brown fine SAND little silt. Moist, medium dense.	Sample SS-FP-099-20-24.
24–28	7	100				Light brown fine SAND little silt. Varved, saturated, loose.	END OF BOREHOLE

SOIL BORING-WELL LOG: SS-FP-100

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-100
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1					SP	**FILL** Light brown coarse SAND some gravel. Loose dry.	
2	1	75	1300		SP - SW	**FILL** Gray medium SAND. Loose dry.	
3						**FILL** Orange-brown medium to fine SAND. Loose dry.	Product odor.
4						**FILL** Light brown medium to fine SAND. Moist, medium dense.	
5							
6	2	75					
7			1900				Black staining 7-8 feet.
8							Groundwater at 8 feet.
9						**FILL** Light brown medium to fine SAND. Saturated, medium dense.	Sample SS-FP-100-8-12.
10	3	100	6800				Black staining 10-10.5 feet.
11							
12			200		SM	Greenish-brown fine SAND some silt. Moist medium dense.	Sample SS-FP-100-12-16.
13			1400				
14	4	100	150				
15							
16			73			Greenish-brown fine SAND some silt. Moist, medium dense.	
17			630				
18	5	100	113				
19						Light brown-orange fine SAND some silt. Moist, medium dense.	
20							

SOIL BORING-WELL LOG: SS-FP-100

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-100
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21					SM	Orange-brown and light green (interbeded) fine SAND some silt. Varved, moist, medium dense.	
22	6	100	13				
23			4				
24						Orange-brown and light green (interbeded) fine SAND some silt. Varved, saturated, loose.	
25			2				
26	7	100					
27							
28						Orange-brown fine SAND some silt. Varved, moist, medium dense.	
29			10				
30	8	50					Soil material squeezed in microcore tube during drilling.
31							
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-101

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-101
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–2	1	75	1.2		SP	**FILL** Black coase SAND and GRAVEL, loose dry.	
2–3					SP	**FILL** Orange coarse SAND in sharp contact with black gravelly SAND at 3.5 feet. Loose dry.	
4					SP	**FILL** Coarse black gravelly SAND, loose dry.	
5–7	2	75	2			**FILL** Orange-brown coase SAND some fine gravel. Loose dry.	
8					SW	**FILL** Orange-yellow medium to coarse SAND. Moist, medium dense.	Black staining 9.0-9.3 feet.
9–11	3	100	230		SP	**FILL** Orange-Yellow coarse SAND. Moist, dense.	
12–15	4	100	4300		SW	Orange-yellow medium to fine SAND. Varved, moist, medium dense.	
16			5700				
17			8400			Orange and dark brown (interbeded) fine to medium SAND grading to fine sand and silt below 17 feet. Moist, medium dense.	Product odor. Groundwater at 17.2.
18–19	5	100	59		SM	Light brown fine SAND and SILT. Varved, wet loose.	Sample SS-FP-101-16-20.
20							

SOIL BORING-WELL LOG: SS-FP-101

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-101
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21					SM	Light brown fine SAND and SILT. Varved, moist, medium dense.	
22	6	100	370				Sample SS-FP-101-20-24.
23			13				
24						Light brown fine SAND some silt. Varved, moist, medium dense.	
25			2				
26	7	100	12				
27			4				
28						Interbedded gray and orange fine SAND some silt. Varved, wet, loose.	
29						Scattered coarse quartz and sub-angular opaque minerals.	
30	8	50					
31							
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-102

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-102
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03 to 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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205 Campus Drive
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www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	60	120		SW	**FILL** Orange-brown medium to fine SAND. Loose dry.	
4–8	2	60	1040			**FILL** Orange-brown medium to fine SAND. Loose dry.	
8–12	3	85	6300		SM	Light brown and gray (interbeded) fine SAND and SILT. Varved, moist, medium dense.	Product globules and odor at 9.0-10.5 feet. Groundwater at 10 feet. Sample SS-FP-102-8-12.
12–16	4	100	2070 2200 170 80			Olive-brown fine SAND and SILT. Varved, wet, loose.	
16–20	5	100	1850 1100 208			Olive-brown fine SAND and SILT. Varved, wet, loose.	Product globules and odor at 16.5 feet. Sample SS-FP-102-16-20.
20–24	6	100	150 93 147			Olive-brown fine SAND and SILT. Varved, wet, loose. Varved gray clay lumps at 21' and 22.5'.	Drilling method changed to discrete sampling.

SOIL BORING-WELL LOG: SS-FP-102

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-102
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/8/03 to 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

Weston Solutions, Inc.
205 Campus Drive
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www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
25			70		SM	Olive-brown fine SAND and SILT. Varved, wet, loose.	
26	7	50	89				
27			99				
28						Olive-brown fine SAND and SILT. Varved, wet, loose.	
29			87				
30	8	60					
31			115				
32						Olive-brown fine SAND and SILT. Varved, wet, loose.	No microcore liner used. Soil sample (32-36 feet) extruded from steel tube.
33							
34	9	1					
35							
36						Olive-brown fine SAND and SILT. Varved, wet, loose.	
37							
38	10	100					
39			238				Drilling stopped at dusk (10/8).
40							
41			101		SM	Olive-gray SILT little sand. Wet, loose.	Drilling resumed at down (10/9).
42	11	100	92				
43			320		SM - ML	Light brown SILT. Wet, loose.	Sample SS-FP-102-40-44.
44					CL	Dark brown-black, micaceus clayey SILT. Varved, wet, medium plasticity.	END OF BOREHOLE
45							
46							
47							
48							

SOIL BORING-WELL LOG: SS-FP-103

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-103
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	50	1710		SW	FILL Orange-brown and black coarse SAND some fine gravel. Loose dry.	
4–5					SP	FILL Orange-brown medium SAND. Loose dry.	
5			3200				
6–8	2	50	3800		SP	Olive-brown fine SAND. Varved, moist, loose.	
8–12	3	100	4330 1400		SM	Light brown fine SAND some SILT. Wet, medium dense.	Groundwater at 9.5 feet. Product staining at 9.5' - 10.5'. Sample SS-FP-103-8-12.
12–16	4	100	1750 1210 420			Light brown fine SAND some SILT. Varved, moist, medium dense.	Product staining at 12 - 13 feet. Sample SS-FP-103-12-16.
16–20	5	50	270 150			Light brown fine SAND some SILT. Varved, wet, loose.	

SOIL BORING-WELL LOG: SS-FP-103

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-103
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21			130 20		SM	Orange-brown fine SAND some silt. Varved, wet, loose.	
22	6	10				Scattered coarse quartz and sub-angular opaque mineral grains.	
23							
24			523		SW	Orange-brown medium to fine SAND. Moist, medium dense.	
25					SM	Brown fine SAND and SILT. Wet, medium dense.	
26	7	100	8			Varved gray clay lumps at 25' and 26'.	
27							
28						Orange-brown fine SAND some silt. Saturated, loose.	
29							
30	8	100	10				
31							
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-104

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-104
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	25			SW	**FILL** Brown medium to coarse SAND little fine gravel. Loose dry.	
5–8	2	25	410		GW	**FILL** Black (stained) medium to coarse GRAVEL.	Former septic tank gravel fill.
8–12	3	50	1300		SW	**FILL** Orange-brown medium to fine SAND. Black varves, loose dry.	Black staining. Light odor.
12–16	4	25	6400		SP	Orange and gray (interbeded) medium SAND. Varved, moist, loose.	Groundwater at 13.5.
16–20	5	100	2100 1400 20		SM	Olive-brown fine SAND and SILT. Varved, saturated, medium dense.	Drilling method changed to discrete sampling. Sample SS-FP-104-16-20.

SOIL BORING-WELL LOG: SS-FP-104

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-104
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21			550		SM	Olive-Brown fine SAND and SILT. Varved, saturated, medium dense.	Sample SS-FP-104-20-24.
22	6	75	220				
23							
24						Orange-brown fine SAND some silt. Saturated, loose.	
25						Scattered coarse sub-angular, sub-rounded quartz and opaque mineral grains.	
26	7	100					
27			4				
28						Orange-brown fine SAND some silt. Saturated, loose.	
29							
30	8	100	9				
31							
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-105

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-105
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	50	4		SP	**FILL** Orange-brown coarse SAND little fine gravel. Loose dry.	
4–8	2	50	4000		SW	Light brown-orange medium to fine SAND. Varved, loose dry.	
8–12	3	60	2400 5700			Orange-brown medium to fine SAND. Varved, loose dry.	
12–16	4	60	21000 13000		SW	Light brown-orange medium to fine SAND. Varved, moist, loose.	Product staining and odor. Groundwater at 15.0 feet. Sample SS-FP-105-12-16.
16–20	5	75	3800 2100		SM	Olive-brown fine SAND and SILT. Varved, saturated, loose.	Product staining and odor. Product staining and odor.

SOIL BORING-WELL LOG: SS-FP-105

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-105
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21			540		SM	Olive-Brown and orange-brown (interbeded) fine SAND and SILT. Varved, saturated, loose.	Sample SS-FP-105-20-24.
22	6	100	101				Product staining and odor.
23			240				
24			520			Orange-brown fine SAND and SILT. Saturated, loose.	
25			108			Scattered coarse sub-angular, sub-rounded quartz and opaque mineral grains.	
26	7	100	100				
27							
28			39			Orange-brown fine SAND some silt. Varved, medium dense.	
29			75			Varved gray clay lump at 28.2'.	
30	8	100					
31			32				
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-106

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-106
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	50	6.5		GP	**FILL** Orange coarse gravelly SAND. Loose dry.	
4–8	2	50	210 700		SW	Gray-brown medium to fine SAND. Varved, loose dry.	
8–12	3	75	600 1250 1900			Gray-brown medium to fine SAND. Varved, loose dry.	
12–16	4	75	2300		SP	Olive-brown fine SAND. Varved, moist, loose.	Groundwater at 13.0 feet. Product staining. Sample SS-FP-106-12-16.
16–20	5	25	1850		SM	Olive-gray fine SAND and SILT. Saturated, medium dense.	Macrocore tube stuck in steel tube. Sample extruded. Sample SS-FP-106-16-20.

SOIL BORING-WELL LOG: SS-FP-106

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-106
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21			16		SM	Olive-Brown and orange-brown (interbeded) fine SAND and SILT. Varved, saturated, loose.	
22	6	100	20			Scattered coarse sub-angular, sub-rounded quartz and opaque mineral grains.	
23							
24						Orange-brown fine SAND and SILT. Varved, saturated, loose.	
25						Scattered coarse sub-angular, sub-rounded quartz and opaque mineral grains.	
26	7	100					
27							
28							END OF BOREHOLE
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-107

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-107
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/13/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	60	4.3		SP	FILL Light brown coarse SAND. Loose dry.	
4–8	2	75	4.3 22		SP	FILL Orange-brown coase SAND. Loose dry.	
8			720		SW	Brown medium to fine SAND.	
8–12	3	100	1620 3900		SM	Light brown fine SAND and SILT. Varved, moist, loose.	Product staining and odor. Groundwater at 11.5 feet. Sample SS-FP-107-8-12.
12–16	4	100	720 43 42		SW CL	Light brown fine to medium SAND. Saturated, loose. Brown SILT and CLAY. Medium plasticity.	Drilling method changed to discrete sampling.
16–20	5	75	5 10		SM	Olive-brown fine SAND and SILT. Saturated, loose to medium dense. Varved gray clay lump at 20 feet.	
20–24	6	100	4				END OF BOREHOLE

SOIL BORING-WELL LOG: SS-FP-157

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-157
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	100	10 8.2 6.3		GW	FILL Orange-brown gravelly medium SAND trace siltstone cobbles. Loose dry.	
4–8	2	60	2.9 3 2.5				Groundwater at 5.0 feet.
8–12	3	50	0.7 0.5		SW - SM	Greenish-brown and orange medium to fine SAND and SILT trace siltstone cobbles. Varved, saturated, loose.	Sample SS-FP-157-8-12.
12–16	4	100	1.2		SM	Orange-brown and gray (interbeded) fine SAND and SILT. Varved, saturated, medium dense.	
16–20	5	70	0.8				

SOIL BORING-WELL LOG: SS-FP-157

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-157
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21			1.3		SM		
22	6	100					
23							
24						Orange-brown and gray fine SAND and SILT. Varved, saturated, medium dense.	
25			1.2			Varved gray clay at 27 feet.	
26	7	100					
27							
28			0.9		SM - SC	Light brown and gray fine SAND and SILT little clay. Varved, saturated, soft.	
29							
30	8	100					
31							
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-158

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-158
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	75	5 52		SW	**FILL** Brown and black medium to coarse SAND little silt. Loose dry.	
4–8	2	75	19 600 430 500		SM	Light brown fine SAND and SILT. Varved, saturated, loose.	Product staining. Groundwater at 7.5 feet. Sample SS-FP-158-8-12. Product staining.
8–12	3	80					
12–16	4	100	17 1100			Orange-brown fine SAND and SILT. Varved, saturated, medium dense. Scattered coarse, sub-angular and sub-rounded quartz and opaque minerals.	Sample SS-FP-158-12-16.
16–20	5	100	20				

SOIL BORING-WELL LOG: SS-FP-158

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-158
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/9/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21–22	6	100	32		SM	Orange-brown and gray (interbeded) fine SAND and SILT. Saturated, loose.	
23–24							
25–26	7	100	47				
27–28					CL	Varved gray clay at 27.5 feet.	
29–30	8	100	21				
31–32					ML	Dark brown clayey SILT. Moist, medium plasticity.	
33–34	9						
35–36			10				END OF BOREHOLE
37–38							
39–40							

SOIL BORING-WELL LOG: SS-FP-159

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-159
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	25	33		SP	**FILL** Greenish-black coarse SAND little silt. Moist, loose.	
4–8	2	50	1.5		SM	Gray fine SAND and SILT. Orange fine SAND and SILT. Wet, loose.	Groundwater at 4.0 feet. Sample SS-FP-159-4-8.
8–12	3	50	1.4		CL	Orange-brown and gray (interbeded) fine SAND and SILT. Wet, loose. Varved gray clay lump at 8.5 feet.	
12–16	4	75	1.3			Orange-brown grading to light brown fine SAND and SILT. Varved, wet loose.	
16–20	5	100	1.3 1.3				

SOIL BORING-WELL LOG: SS-FP-159

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-159
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21					SM	Orange-brown and gray fine SAND and SILT. Varved, wet, medium dense.	
22	6	100	1.3				
23			3.4		ML	Dark brown clayey SILT. Wet loose becoming medium plasticity below 27 feet.	
24							
25							
26	7	100	1.6				
27							
28			2				
29							
30	8	100	1.6				
31			1.3		SP	Gray fine SAND. Wet dense.	
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-160

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-160
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	60	0.8 (air bkg)		SW	FILL Light brown medium to coarse SAND. Loose dry.	
4–8	2	60	air bkg		SM	Orange-brown and gray fine SAND and SILT. Saturated, loose. Scattered coarse, sub-angular and sub-rounded quartz grains and opaque minerals.	Groundwater at 4.0 feet. Sample SS-FP-160-4-8.
8–12	3	100	air bkg				
12–16	4	100	air bkg				
16–20	5	100	air bkg			Orange-brown fine SAND and SILT trace medium gravel. Moist, medium dense.	
20–24	6	100	air bkg		SM - CL	Orange-brown and gray fine SAND and SILT trace clay. Varved, wet, low plasticity.	
24–28	7	100	air bkg				END OF BOREHOLE

SOIL BORING-WELL LOG: SS-FP-161

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-161
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/10/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	60	1.4 (air bkg)		SW	FILL Gray coarse to medium SAND some gravel. Loose dry.	
4–8	2	75	air bkg		SM	Orange-brown fine SAND and SILT. Saturated, loose. Scattered coars, sub-angular and sub-rounded quartz grains and opaque minerals.	Groundwater at 3.5 feet. Sample SS-FP-161-0-4.
8–12	3	100	air bkg				
12–16	4	60	air bkg			Orange-brown and gray fine SAND and SILT. Varved, saturated, medium dense.	
16–20	5	90	air bkg				
20–24	6	100	air bkg		SM - CL	Orange-brown fine SAND and SILT. Varved, moist, medium dense.	
24–28	7	100	air bkg		CL	Dark brown-black micaceus clayey SILT. Moist, medium plasticity.	END OF BOREHOLE
28–30							

SOIL BORING-WELL LOG: SS-FP-168

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-168
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/13/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	60			GM	FILL Gray fine SAND some silt little gravel. Loose dry.	
4–8	2	75	2400 10		SM	Light brown fine SAND and SILT. Wet loose.	Groundwater at 4.0 feet. Sample SS-FP-168-0-4.
8–12	3	75	13			Light brown fine SAND and SILT. Varved, saturated, medium dense.	
12–16	4	100					
16–18	5	100	8 (air bkg)		SM - CL	Orange-brown clayey SILT. Varved, saturated, low plasticity.	
18–20						Varved gray clay lump at 21feet.	

SOIL BORING-WELL LOG: SS-FP-168

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-168
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/13/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
21					SM - CL		
22	6	100	air bkg		CL / SM	Orange-brown SILT little fine sand. Varved, wet, firm.	
23							
24					SM - CL	Orange-brown clayey SILT. Varved, wet, medium plasticity.	
25							
26	7	100	air bkg				
27							
28			air bkg				
29						Dark brown-black micaceous clayey SILT. Varved, moist, medium plasticity.	
30	8	100					
31			air bkg				
32							END OF BOREHOLE
33							
34							
35							
36							
37							
38							
39							
40							

SOIL BORING-WELL LOG: SS-FP-170

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-170
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/13/03
GEOLOGIST/LOGGER: Gilberto Mello

Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837
ph. (732) 417-5800 fax (732) 417-5801
www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	75	4 (air bkg)		GP	FILL Black SAND and GRAVEL. Loose dry.	
					SP	Brown fine SAND. Moist loose.	Groundwater at 3.5 feet. Sample SS-FP-170-0-4.
4–8	2	100	23 8		SM	Light brown and gray fine SAND and SILT. Saturated, loose becoming medium dense below 8 feet.	
8–12	3	100					
12–16	4	100	23				
16–20	5	100	2 (air bkg)		SM - CL	Orange-brown SILT little clay. Moist, medium plasticity.	
					CL	Varved gray clay lump at 19 feet.	
20–24	6	100	air bkg				
24–28	7	100	air bkg		SM	Light brown SILT little clay in sharp contact with dark brown micaceus clayey SILT. Moist, medium plasticity.	
							END OF BOREHOLE
28–30							

SOIL BORING-WELL LOG: SS-FP-171

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-171
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 12/13/03
GEOLOGIST/LOGGER: Gilberto Mello

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Edison, New Jersey 08837
ph. (732) 417-5800 fax (732) 417-5801
www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	50	1 (air bkg)		GP	**FILL** Greenish-brown and black coarse SAND some little gravel. Loose dry.	
5–8	2	100	19		SM	Orange-brown fine SAND and SILT. Saturated, loose.	Groundwater at 7.5 feet. Sample SS-FP-171-4-8.
9–12	3	100	1.8 (air bkg)			Light brown and gray (interbeded) fine SAND and SILT. Varved, saturated, medium dense. Varved gray clay lump at 17 feet.	
13–16	4	100					
17–20	5	100	air bkg air bkg		CL SM - CL	Dark brown-black micaceous clayey SILT. Moist, medium plasticity.	
21–24	6	100					END OF BOREHOLE

SOIL BORING-WELL LOG: SS-FP-BKG

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-BKG
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/13/03
GEOLOGIST/LOGGER: Gilberto Mello

Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837
ph. (732) 417-5800 fax (732) 417-5801
www.westonsolutions.com

DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
1–4	1	75	4		SW	**FILL** Dark brown medium to coarse SAND. Loose dry.	
4–8	2	60	80 25 18		SP	**FILL** Dark brown medium to fine SAND some gravel. Moist, medium dense.	
8–10	3	50	60 7		SM - ML CL	**FILL** Dark brown fine SAND and SILT some clay. Moist, medium dense. **FILL** Dark brown CLAY. Firm.	
10–20	4 5	60 100	4 2		SM	Orange-brown and gray (interbeded) fine SAND some silt. Varved below 16', damp loose.	Sample SS-FP-BKG-16-20. Groundwater at 17 feet.
20–24	6	100	4 bkg air			Orange-yellow and gray fine SAND some silt	

SOIL BORING-WELL LOG: SS-FP-BKG

PROJECT : Free Product Confirmatory Soil Sampling
LOCATION : Gibbsboro, NJ
BORING NUMBER : FP-BKG
DRILLING METHOD : Geoprobe
DRILLING CONTRACTOR : JCA
SAMPLING METHOD: Grab
DATE: 10/13/03
GEOLOGIST/LOGGER: Gilberto Mello

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DEPTH (ft b.g.s.)	SAMPLE NUMBER	SAMPLE RECOVERY (%)	FID/PID (ppm)	SYMBOL	USCS SYMBOL	SAMPLE DESCRIPTION	COMMENTS
25–26–27	7	100	bkg air		SM	Orange-yellow fine SAND and SILT. Varved, saturated, loose. Scatered coase quartz and sub-angular opaque minerals.	Drilling method changed to discrete sampling.
28–29–30–31	8	100	bkg air		CL	Orange-yellow and gray (interbeded) fine SAND and SILT. Varved, saturated, medium dense. Varved gray clay lump at 30.5 feet.	
32–33–34–35	9	90	bkg air			Orange-yellow fine SAND and SILT. Varved, saturated, medium dense.	
36–37–38	10	100				Orange-yellow and gray (interbeded) fine SAND and SILT. Varved, saturated, medium dense.	
39–40–41–42	11	100	bkg air bkg air		SM - ML	Gray fine SAND and SILT trace clay. Saturated, medium dense.	
43–44			bkg air		CL	Brown clayey SILT. Saturated, soft.	END OF BOREHOLE
45–46–47–48							

Appendix J:
Remedial Investigation Soil Boring Logs
(Included on CD only)

Contents:

Soil Boring ID	Soil Boring Log	Total No. Pages
HCSB0106/133	•	1
HCSB0107/134	•	1
HCSB0108/135	•	1
HCSB0109/136	•	1
HCSB0110/137	•	1
HCSB0111/138	•	1
HCSB0112/139	•	1
HCSB0113/140	•	1
HCSB0114/141	•	1
HCSB0115/142	•	1
HCSB0116/143	•	1
HCSB0117/144	•	1
HCSB0118/145	•	1
HCSB0119/146	•	1
HCSB0120/147	•	1
HCSB0121/148	•	1
HCSB0122/149	•	1
HCSB0150/123	•	1
HCSB0151/124	•	1
HCSB0152/125	•	1
HCSB0153/126	•	1
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RSSB0259	•	1
SLSB0001	•	1

Notes:

● = Included in this Appendix

There are no boring logs for samples collected by EPA ERT (ERTSB#### series and ERTSB-B### series) as these have not been provided by EPA. These locations are shown on the sample location figure.

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0106/133

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0106/133

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Green fine SAND and SILT (Wet)	0.5/0.5	0	0 - 0.5	HCSB0106-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SW*** Dark Brownish Gray fine to course SAND (Saturated) (Loose)	0.5/0.5	0	1.5 - 2	HCSB0133-SS-AD-AE-0 (6/23/05)
		Not Characterized				
2		End of Borehole				Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, and by ECDI to 2.0' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365193.145

Easting (NAD 83): 361079.572

Depth to Watertable (ft bgs): 1

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0107/134

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0107/134

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT and fine SAND (Wet)	0.5/0.5	0	0 - 0.5	HCSB0107-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***MH*** Dark Brownish Black fine to medium SAND and SILT, some Organics (Saturated) (Loose)	0.5/0.5	0	1 - 1.5	HCSB0134-SS-AC-AD-0 (6/23/05)
2		End of Borehole				Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365169.201

Easting (NAD 83): 361098.103

Depth to Watertable (ft bgs): 0.5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0108/135

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0108/135

Date Completed: 6/21/2005, 6/23/2005, and 10/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, little fine Sand (Wet)	0.5/0.5	0	0 - 0.5	HCSB0108-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Gray fine/course SAND, some Organics, little Silt (Saturated) (Loose)	0.5/0.5	40.5	1 - 1.5	HCSB0135-SS-AC-AD-0 (6/23/05)
		Not Characterized				
2				0	2 - 2.5	HCSB0135-SS-AE-AF-0 (10/27/05)
3				0	3 - 3.5	HCSB0135-SS-AG-AH-0 (10/27/05)
		End of Borehole				
4						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, by ECDI to 1.5' with a Hand Auger on 6/23/05, and by Weston to 3.5' with a Hand Auger on 10/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365163.725

Easting (NAD 83): 361100.461

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0109/136

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0109/136

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, some fine Sand (Wet)	0.5/0.5	0	0 - 0.5	HCSB0109-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine to medium SAND, some Silt, little Organics (Saturated) (Loose)	0.5/0.5	30.3	1 - 1.5	HCSB0136-SS-AC-AD-0 (6/23/05)
2		End of Borehole				
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365164.462

Easting (NAD 83): 361106.684

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0110/137

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0110/137

Date Completed: 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, some fine Sand (Wet) (Loose)	0.5/0.5		0 - 0.5	HCSB0110-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine to medium SAND, some Silt, little Organics (Saturated) (Loose)	0.5/0.5	29.9	1 - 1.5	HCSB0137-SS-AC-AD-0 (6/23/05)
2		End of Borehole				
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365156.645

Easting (NAD 83): 361108.79

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0111/138

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0111/138

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, some fine Sand (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0111-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine to medium SAND, some Silt, little Organics (Saturated) (Loose)	0.5/0.5	10.3	1 - 1.5	HCSB0138-SS-AC-AD-0 (6/23/05)
2		End of Borehole				Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365149.261

Easting (NAD 83): 361114.654

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0112/139

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0112/139

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, some fine Sand (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0112-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine to medium SAND, some Silt, little Organics (Saturated) (Loose)	0.5/0.5	100	1 - 1.5	HCSB0139-SS-AC-AD-0 (6/23/05)
2		End of Borehole				Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365150.645

Easting (NAD 83): 361119.803

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0113/140

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 3.5

Borehole Completed As: HCSB0113/140

Date Completed: 6/21/2005, 6/23/2005, and 10/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, some fine Sand (Wet)	0.5/0.5	0	0 - 0.5	HCSB0113-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine to medium SAND, some Organics, little Silt (Saturated) (Loose)	0.5/0.5	225	1 - 1.5	HCSB0140-SS-AC-AD-0 (6/23/05)
		Not Characterized				
2					2 - 2.5	HCSB0140-SS-AE-AF-0 (10/27/05)
3					3 - 3.5	HCSB0140-SS-AG-AH-0 (10/27/05)
		End of Borehole				
4						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, by ECDI to 1.5' with a Hand Auger on 6/23/05, and by Weston to 3.5' with a Hand Auger on 10/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365147.475

Easting (NAD 83): 361123.323

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0114/141

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0114/141

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Gray SILT, little fine Sand (Wet) (Loose)	0.5/0.5	1.5	0 - 0.5	HCSB0114-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SW-SM*** Dark Brownish Black fine to medium SAND, trace Silt, trace Organics (Saturated) (Loose)	0.5/0.5	150	1 - 1.5	HCSB0141-SS-AC-AD-0 (6/23/05)
2		End of Borehole				Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365145.191

Easting (NAD 83): 361130.524

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0115/142

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0115/142

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND and SILT (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0115-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SW*** Dark Brownish Gray medium to course SAND (Saturated) (Loose)	0.5/0.5	80	1 - 1.5	HCSB0142-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365137.69

Easting (NAD 83): 361130.054

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0116/143

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0116/143

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND and SILT (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0116-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SW*** Dark Brownish Gray fine/course SAND (Saturated) (Loose)	0.5/0.5	80.2	1 - 1.5	HCSB0143-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365134.348

Easting (NAD 83): 361135.496

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0117/144

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0117/144

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brownish Gray fine to medium SAND (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0117-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SW-SM*** Dark Brownish Gray fine to medium SAND, little Silt (Saturated) (Loose)	0.5/0.5	120	1 - 1.5	HCSB0144-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365130.041

Easting (NAD 83): 361138.291

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0118/145

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0118/145

Date Completed: 6/21/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brownish Black fine to medium SAND (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0118-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Gray fine to medium SAND, some Silt (Saturated) (Loose)	0.5/0.5	135	1 - 1.5	HCSB0145-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365126.823

Easting (NAD 83): 361142.813

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0119/146

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 3.5

Borehole Completed As: HCSB0119/146

Date Completed: 6/22/2005, 6/23/2005 and 10/27/2005

Geologist/Logger: Catfish Brownell and Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Black SILT, little fine Sand (Wet)	0.5/0.5	0	0 - 0.5	HCSB0119-SS-AA-AB-0 (6/21/05) Split Sample
		Not Characterized				
1		***SM*** Dark Brownish Black fine SAND and SILT, little Organics (Saturated) (Loose)	0.5/0.5	120	1 - 1.5	HCSB0146-SS-AC-AD-0 (6/23/05)
		Not Characterized				
2					2 - 2.5	HCSB0146-SS-AE-AF-0 (10/27/05) Split Sample
3					3 - 3.5	HCSB0146-SS-AG-AH-0 (10/27/05)
		End of Borehole				
4						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05, by ECDI to 1.5' with a Hand Auger on 6/23/05, and by Weston to 3.5' with a Hand Auger on 10/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365121.288

Easting (NAD 83): 361150.227

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0120/147

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0120/147

Date Completed: 6/22/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Black SILT, trace fine Sand (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0120-SS-AA-AB-0 (6/21/05) Split Sample
		Not Characterized				
1		***SM*** Dark Brownish Black fine SAND, some Silt, some Organics (Saturated) (Loose)	0.5/0.5	100	1 - 1.5	HCSB0147-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/21/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365120.476

Easting (NAD 83): 361153.555

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0121/148

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0121/148

Date Completed: 6/22/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Black SILT, little fine Sand (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0121-SS-AA-AB-0 (6/21/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine SAND, some Silt (Saturated) (Loose)	0.5/0.5	103.5	1 - 1.5	HCSB0148-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365115.834

Easting (NAD 83): 361157.264

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0122/149

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0122/149

Date Completed: 6/22/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Black fine SAND and SILT (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0122-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT and fine SAND, little Organics (Saturated) (Loose)	0.5/0.5	90.5	1 - 1.5	HCSB0149-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365105.536

Easting (NAD 83): 361158.548

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0150/123

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0150/123

Date Completed: 6/22/2005 and 6/23/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND, some Silt (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0123-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***SW*** Moderate Greyish Brown fine to course SAND (Wet) (Loose)	0.5/0.5	0	1 - 1.5	HCSB0150-SS-AC-AD-0 (6/23/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/23/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365137.9

Easting (NAD 83): 360961.597

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0151/124

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0151/124

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Greyish Brown fine to medium SAND, some Silt (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0124-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***CL*** Dark Brownish Black CLAY, some fine Sand, little Organics (Saturated) (Loose)	0.5/0.5	0	1 - 1.5	HCSB0151-SS-AC-AD-0 (6/27/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365116.287

Easting (NAD 83): 360951.644

Depth to Watertable (ft bgs): 0.5

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Fax: (732) 417-5801

Log of Borehole: HCSB0152/125

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0152/125

Project Location: Gibbsboro, NJ

Date Completed: 6/22/2005, 6/27/2005, and 10/27/2005

Total Depth (ft bgs): 3.5

Geologist/Logger: Catfish Brownell and Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND, some Silt (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0125-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand, some Organics (Saturated) (Loose)	0.5/0.5	33.7	1 - 1.5	HCSB0152-SS-AC-AD-0 (6/27/05)
		Not Characterized				
2					2 - 2.5	HCSB0152-SS-AE-AF-0 (10/27/05) Split Sample
3					3 - 3.5	HCSB0152-SS-AG-AH-0 (10/27/05)
		End of Borehole				
4						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05, by ECDI to 1.5' with a Hand Auger on 6/27/05, and by Weston to 3.5' with a Hand Auger on 10/27/05. Lithology reflects respective sample intervals,
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Drilling Subcontractor: ECDI

Northing (NAD 83): 365111.682

Drilling Method: Hand Auger

Easting (NAD 83): 360948.113

Sampling Method: Trowel

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0153/126

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0153/126

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine SAND and SILT (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0126-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand, little Organics (Saturated) (Loose)	0.5/0.5	50	1 - 1.5	HCSB0153-SS-AC-AD-0 (6/27/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365109.039

Easting (NAD 83): 360945.768

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0154/127

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0154/127

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND and SILT (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0127-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand, little Organics (Saturated) (Loose)	0.5/0.5	0	1 - 1.5	HCSB0154-SS-AC-AD-0 (6/27/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365104.911

Easting (NAD 83): 360944.007

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0155/128

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0155/128

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brownish Gray fine to medium SAND, some Silt (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0128-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand, little Organics (Saturated)	0.5/0.5	86.8	1 - 1.5	HCSB0155-SS-AC-AD-0 (6/27/05) Split Sample
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365090.315

Easting (NAD 83): 360939.299

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0156/129

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0156/129

Project Location: Gibbsboro, NJ

Date Completed: 6/22/2005, 6/27/2005, and 10/27/05

Total Depth (ft bgs): 3.5

Geologist/Logger: Catfish Brownell and Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brownish Gray fine to medium SAND (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0129-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand (Saturated)	0.5/0.5	80.8	1 - 1.5	HCSB0156-SS-AC-AD-0 (6/27/05) Split Sample
		Not Characterized				
2					2 - 2.5	HCSB0156-SS-AE-AF-0 (10/27/05)
3					3 - 3.5	HCSB0156-SS-AG-AH-0 (10/27/05)
		End of Borehole				
4						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05, by ECDI to 1.5' with a Hand Auger on 6/27/05, and by Weston to 3.5' with a Hand Auger on 10/27/05. Lithology reflects respective sample intervals,
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Drilling Subcontractor: ECDI

Northing (NAD 83): 365089.911

Drilling Method: Hand Auger

Easting (NAD 83): 360937.288

Sampling Method: Trowel

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0157/130

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0157/130

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brownish Black SILT and fine SAND, little Organics (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0130-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***MH*** Dark Brownish Black SILT, some fine Sand, little Organics (Saturated) (Loose)	0.5/0.5	80.2	1 - 1.5	HCSB0157-SS-AC-AD-0 (6/27/05) Split Sample
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365085.14

Easting (NAD 83): 360931.974

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
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Log of Borehole: HCSB0158/131

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0158/131

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brownish Gray fine to medium SAND (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0131-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine SAND and SILT (Saturated) (Loose)	0.5/0.5	80	1 - 1.5	HCSB0158-SS-AC-AD-0 (6/27/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365082.476

Easting (NAD 83): 360927.311

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0159/132

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0159/132

Date Completed: 6/22/2005 and 6/27/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Moderate Brownish Black fine to medium SAND (Wet) (Loose)	0.5/0.5	0	0 - 0.5	HCSB0132-SS-AA-AB-0 (6/22/05)
		Not Characterized				
1		***SM*** Dark Brownish Black fine SAND and SILT (Saturated)	0.5/0.5	0	1 - 1.5	HCSB0159-SS-AC-AD-0 (6/27/05)
		End of Borehole				
2						Borehole advanced by ECDI to 0.5' with a Hand Auger on 6/22/05 and by ECDI to 1.5' with a Hand Auger on 6/27/05. Lithology reflects respective sample intervals.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365052.341

Easting (NAD 83): 360896.482

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0160

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 5

Borehole Completed As: HCSB0160

Date Completed: 7/12/2005

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Yellowish Brown fine to medium SAND, some Silt, little Organics (Wet) (Loose)		0	0 - 2	AA-AE Split Sample
1						
2						
			5/5			
3					3 - 3.5	AG-AH
4						
					4.5 - 5	AJ-AK
5		End of Borehole				
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365084.896

Easting (NAD 83): 361179.996

Depth to Watertable (ft bgs): 5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0172

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0172

Project Location: Gibbsboro, NJ

Date Completed: 7/25/2005

Total Depth (ft bgs): 2.5

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Moderate Brown fine to medium SAND, little Gravel, little Silt (Wet) (Loose)		0	0 - 1.5	AA-AD Split Sample
1			2.5/2.5			
2					2 - 2.5	AE-AF
		End of Borehole				
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Drilling Subcontractor: ECDI

Northing (NAD 83): 365404.362

Drilling Method: Hand Auger

Easting (NAD 83): 361366.536

Sampling Method: Trowel

Depth to Watertable (ft bgs): 1.5

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Log of Borehole: HCSB0173/186

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0173/186

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Yellowish Brown fine to course SAND and GRAVEL (Wet) (Loose)		0	0 - 0.5	HCSB0173-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0173-SS-AC-AD-0 (7/25/05) HCSB0186-SS-AC-AD-0 (7/26/06)
2		End of Borehole				Borehole advanced by ECDI to 2.0' with a Hand Auger on 7/25/06, and by Weston to 1.5' with a Hand Auger on 7/26/06. Lithology is reflective of 7/25/06.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365355.269

Easting (NAD 83): 361404.729

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0174/187

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0174/187

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine to medium SAND, little Silt, trace Organics (Wet) (Loose)		0	0 - 0.5	HCSB0174-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5	HCSB0174-SS-AC-AD-0 (7/25/05)
					1 - 1.5	HCSB0187-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365352.639

Easting (NAD 83): 361408.145

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0175/188

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0175/188

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brown fine to medium SAND, little Gravel, trace Silt (Wet) (Loose)		0	0 - 0.5	HCSB0175-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0175-SS-AC-AD-0 (7/25/05) HCSB0188-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365347.951

Easting (NAD 83): 361408.337

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0176/189

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0176/189

Date Completed: 7/25/05 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to course SAND, little Silt (Wet) (Loose)		0	0 - 0.5	HCSB0176-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0176-SS-AC-AD-0 (7/25/05) HCSB0189-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365347.485

Easting (NAD 83): 361412.182

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0177/190

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0177/190

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to course SAND, little Silt (Wet) (Loose)		0	0 - 0.5	HCSB0177-SS-AA-AB-0 (7/25/05) Split Sample
1			2/2		1 - 1.5	HCSB0177-SS-AC-AD-0 (7/25/05) Split Sample
					1 - 1.5	HCSB0190-SS-AC-AD-0 (7/26/05) Split Sample
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365334.719

Easting (NAD 83): 361435.341

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0178/191

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0178/191

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to course SAND, little Silt (Wet) (Loose)		0	0 - 1.5	HCSB0178-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0178-SS-AC-AD-0 (7/25/05) HCSB0191-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
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Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365332.076

Easting (NAD 83): 361436.308

Depth to Watertable (ft bgs): 0.5

205 Campus Drive
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Phone: (732) 417-5800
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Log of Borehole: HCSB0179/192

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: HCSB0179/192

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to course SAND, little Silt (Wet) (Loose)		0	0 - 1.5	HCSB0179-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0179-SS-AC-AD-0 (7/25/05) HCSB0192-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365325.592

Easting (NAD 83): 361440.047

Depth to Watertable (ft bgs): 0.75

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Log of Borehole: HCSB0180/193

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0180/193

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brown fine to course SAND, trace Silt (Wet) (Loose)		0	0 - 0.5	HCSB0180-SS-AA-AB-0 (7/25/05)
1			2/2		1 - 1.5 1 - 1.5	HCSB0180-SS-AC-AD-0 (7/25/05) HCSB0193-SS-AC-AD-0 (7/26/05)
2		End of Borehole				Borehole advanced by ECDI to 2' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/25/05.
3						
4						
5						
6						
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10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365326.85

Easting (NAD 83): 361445.835

Depth to Watertable (ft bgs): 0.6

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Phone: (732) 417-5800
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Log of Borehole: HCSB0181

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 3

Borehole Completed As: HCSB0181

Date Completed: 7/25/2005

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brown fine to course SAND, trace Silt (Saturated) (Loose)		0	0 - 2	AA-AE
1			3/3	24		
2				47	2.5 - 3	AF-AG
3		End of Borehole				
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365719.2

Easting (NAD 83): 361743.399

Depth to Watertable (ft bgs): 0.6

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Log of Borehole: HCSB0182/194

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0182/194

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Moderate Brownish Green fine to medium SAND (Wet)	1.5/1.5	0	0 - 0.5	HCSB0182-SS-AA-AB-0 (7/25/05)
1					1 - 1.5 1 - 1.5	HCSB0182-SS-AC-AD-0 (7/25/05) HCSB0194-SS-AC-AD-0 (7/26/05)
		End of Borehole				
2						Borehole advanced by ECDI to 1.5' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/26/05.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365725.904

Easting (NAD 83): 361736.918

Depth to Watertable (ft bgs): 0.5

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Phone: (732) 417-5800
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Log of Borehole: HCSB0183/195

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0183/195

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Moderate Brownish Yellow medium to course SAND (Moist) (Loose)	1.5/1.5	0	0 - 0.5	HCSB0183-SS-AA-AB-0 (7/25/05)
1					1 - 1.5	HCSB0183-SS-AC-AD-0 (7/25/05)
					1 - 1.5	HCSB0195-SS-AC-AD-0 (7/26/05)
		End of Borehole				
2						Borehole advanced by ECDI to 1.5' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/26/05.
3						
4						
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6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365727.957

Easting (NAD 83): 361731.441

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0184/196

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0184/196

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Light Brownish Yellow fine to course SAND (Moist)	1.5/1.5	0	0 - 0.5	HCSB0184-SS-AA-AB-0 (7/25/05)
1					1 - 1.5 1 - 1.5	HCSB0184-SS-AC-AD-0 (7/25/05) HCSB0196-SS-AC-AD-0 (7/26/05)
		End of Borehole				
2						Borehole advanced by ECDI to 1.5' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/26/05.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365730.141

Easting (NAD 83): 361729.485

Depth to Watertable (ft bgs): 0.75

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Phone: (732) 417-5800
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Log of Borehole: HCSB0185/197

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 1.5

Borehole Completed As: HCSB0185/197

Date Completed: 7/25/2005 and 7/26/2005

Geologist/Logger: Michele Lortz and Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Moderate Brownish Yellow fine to medium SAND (Moist)	1.5/1.5	0	0 - 1.5	HCSB0185-SS-AA-AB-0 (7/25/05)
1					1 - 1.5	HCSB0185-SS-AC-AD-0 (7/25/05)
					1 - 1.5	HCSB0197-SS-AC-AD-0 (7/26/05)
		End of Borehole				
2						Borehole advanced by ECDI to 1.5' with a Hand Auger on 7/25/05 and by Weston to 1.5' with a Hand Auger on 7/26/05. Lithology is reflective of 7/26/05.
3						
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365737.509

Easting (NAD 83): 361721.065

Depth to Watertable (ft bgs): 0.75

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Log of Borehole: HCSB0198

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 3

Borehole Completed As: HCSB0198

Date Completed: 7/26/2005

Geologist/Logger: Catfish Brownell

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Moderate Brownish Yellow medium to course SAND (Moist)		0	0 - 2	AA-AE
1			3/3			
2					2.5 - 3	AF-AG
3		End of Borehole				
4						
5						
6						
7						
8						
9						
10						

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365707.329

Easting (NAD 83): 361747.504

Depth to Watertable (ft bgs): 2.4

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Log of Borehole: HCSB0274

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 0.5

Borehole Completed As: HCSB0274

Date Completed: 7/27/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine to medium SAND, little Organics, little Gravel (Dry) (Loose)		93.83	8.01			0 - 0.5	AA-AB
1		End of Borehole							
2									
3									
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365008.815

Easting (NAD 83): 360865.354

Depth to Watertable (ft bgs): Not Encountered/>0.5

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Log of Borehole: HCSB0275

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 0.5

Borehole Completed As: HCSB0275

Date Completed: 7/27/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dusky Brown fine to medium SAND, some Organics, little Silt (Dry) (Loose)		96.38	7.33			0 - 0.5	AA-AB
1		End of Borehole							
2									
3									
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365165.205

Easting (NAD 83): 360970.79

Depth to Watertable (ft bgs): Not Encountered/>0.5

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Phone: (732) 417-5800
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Log of Borehole: HCSB0292

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0292

Date Completed: 8/7/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SW Gray fine to course SAND, trace Gravel, trace Organics (Dry) (Loose)		385.95	17.86			0 - 0.5	AA-AB
1		Not Characterized							
2		***SP-SM*** Light Brown fine to medium SAND, trace Silt, trace Organics (Moist) (Loose)		31.17	5.7			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365710.566

Easting (NAD 83): 361757.258

Depth to Watertable (ft bgs): Not Encountered/>2.5

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Log of Borehole: HCSB0293

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0293
Project Location: Gibbsboro, NJ
Date Completed: 8/8/2006
Total Depth (ft bgs): 6.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to course SAND, trace Organics (Dry) (Loose)		207.44	15.63			0 - 0.5	AA-AB (8/7/06)
1		Not Characterized							
2		***SW*** Dark Brown fine to course SAND, trace Gravel, trace Silt (Moist) (Loose)		849.02	132.34			2 - 2.5	AE-AF (8/7/06)
3		Not Characterized							
4		***SW-SM*** Dark Black fine to course SAND, little Silt (Moist) (Loose) product odor		235.67	38.08			4 - 4.5	AI-AJ (8/7/06)
5		Not Characterized							
6		***SM*** Dark Greyish Black fine to course SAND, little Silt, trace Gravel, trace Organics (Moist) (Loose)		28.67	6			6 - 6.5	AM-AN (8/8/06)
7		End of Borehole							Borehole advanced by Weston to 4.5' with a Hand Auger on 8/7/06 and by Weston to 6.5' with a Hand Auger on 8/8/06. Lithology reflects respective sample intervals.
8									
9									
10									

Drilling Subcontractor:
Drilling Method: Hand Auger
Sampling Method: Trowel

Northing (NAD 83): 365742.861
Easting (NAD 83): 361714.107
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: HCSB0294

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 4.5

Borehole Completed As: HCSB0294

Date Completed: 8/7/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Brown fine to course SAND, trace Gravel, trace Silt, trace Organics (Dry) (Loose)		77.2	8.34			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Dark Gray fine to course SAND, some Silt, little Gravel, little Clay (Moist) (Soft) product odor and discoloration		168.99	12.91			2 - 2.5	AE-AF
3		Not Characterized							
4		***SM*** Greenish Gray fine to course SAND, some Silt, trace Gravel (Saturated) (Loose)		17.69	5.23			4 - 4.5	AI-AJ
5		End of Borehole							
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365687.861

Easting (NAD 83): 361774.956

Depth to Watertable (ft bgs): 4

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Log of Borehole: HCSB0295

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 8.5

Borehole Completed As: HCSB0295
Date Completed: 8/8/2006
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SW-SM Greyish Brown fine to course SAND, little Organics, trace Gravel (Dry) (Loose)		175	14.33			0 - 0.5	AA-AB (Tetra Tech split sample)
1		Not Characterized							
2		***SW-SM*** Brownish Orange fine to course SAND, little Gravel, little Organics (Moist) (Loose)		531.33	34.5			2 - 2.5	AE-AF
3		Not Characterized							
4		***SW-SM*** Brown fine to course SAND, little Gravel, little Silt (Moist) (Loose) brick fragments		429.67	16			4 - 4.5	AI-AJ
5		Not Characterized							
6		***GP-GM*** Brown GRAVEL, little fine Sand, little Silt (Saturated) (Loose)		99	41			6 - 6.5	AM-AN
7		Not Characterized							
8		***SP*** Pale Greyish Brown fine to course SAND, little Gravel (Saturated) (Loose) sulfur smell		31	5.7			8 - 8.5	AQ-AR
9		End of Borehole							
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365761.936

Easting (NAD 83): 361705.524

Depth to Watertable (ft bgs): 6

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Log of Borehole: HCSB0296

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0296
Project Location: Gibbsboro, NJ
Date Completed: 8/9/2006
Total Depth (ft bgs): 6.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brownish Black fine to course SAND, little Silt, little Gravel, trace Organics (Moist) (Soft)		164.67	40			0 - 0.5	AA-AB (8/8/06)
1		Not Characterized							
2		***SM*** Dark Greyish Black ORGANICS and fine to course SAND, little Gravel, little Silt (Saturated) (Loose)		2839.5	127.55			2 - 2.5	AE-AF (8/9/06)
3		Not Characterized							
4		***MH*** Dark Greyish Black ORGANICS and medium to course SAND, some Silt, trace Gravel (Saturated) (Soft) product odor/sheen		5249.0	195.67			4 - 4.5	AI-AJ (8/9/06)
5		Not Characterized							
6		***SM*** Dark Brownish Gray fine to course SAND, some Silt, little Organics, trace Gravel (Saturated) (Loose)		87.97	7.36			6 - 6.5	AM-AN (8/9/06)
7		End of Borehole							Borehole advanced by Weston to 0.5' with a Hand Auger on 8/7/06 and by Weston to 6.5' with a Hand Auger on 8/8/06. Lithology reflects respective sample intervals
8									
9									
10									

Drilling Subcontractor:
Drilling Method: Hand Auger
Sampling Method: Trowel

Northing (NAD 83): 365532.54
Easting (NAD 83): 361636.725
Depth to Watertable (ft bgs): 1

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Log of Borehole: HCSB0297

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 12.5

Borehole Completed As: HCSB0297
Date Completed: 7/30/2007
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Greyish Black fine to medium SAND, some Silt, little Organics, trace Gravel (Moist) (Soft)		209.33	77.33			0 - 0.5	AA-AB (8/8/06)
1		Not Characterized							
2		***SM*** Greyish Black fine to course SAND, some Organics, trace Gravel (Saturated) (Loose)		137.1	10.2			2 - 2.5	AE-AF (8/9/06)
3		Not Characterized							
4		***SM*** Greyish Black fine to course SAND, some Gravel, little Silt, trace Organics (Saturated) (Loose) product odor		870.21	95.07			4 - 4.5	AI-AJ (8/10/06)
5		Not Characterized							
6		***SW*** Greyish Black fine to course SAND, little Gravel, trace Silt (Saturated) (Loose) red/green pigment		2094.6 32.3	221.11 6.3			6 - 6.5	AM-AN (7/30/07)
7		Not Characterized							
8		***SP-SM*** Brown fine to course SAND, little Silt, trace Gravel (Wet) (Loose) petroleum odor		366.7	45.7			8 - 8.5	AQ-AR (7/30/07)
9		Not Characterized							
10		***SM*** Yellowish Gray fine to medium SAND, some Silt, little Clay (Saturated) (Loose)		10.3	5			10 - 10.5	AU-AV (7/30/07)
11		Not Characterized							
12		***SM*** TAN fine SAND, some Silt (Saturated) (Loose)		8.3	5			12 - 12.5	AY-AZ (7/30/07)
13		End of Borehole							

Drilling Subcontractor: ECDI
Drilling Method: Hand Auger and Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365536.603
Easting (NAD 83): 361628.63
Depth to Watertable (ft bgs): 8

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Log of Borehole: HCSB0298

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4.5

Borehole Completed As: HCSB0298
Date Completed: 8/9/2006
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SW-SM Greyish Brown fine to course SAND, some Gravel, little Organics (Dry) (Loose)		183.06	11.37			0 - 0.5	AA-AB (Tetra Tech split sample)
1		Not Characterized							
2		***SM*** Greyish Black fine to course SAND, some Silt, little Organics, trace Gravel (Moist) (Loose)		307.14	12.76			2 - 2.5	AE-AF
3		Not Characterized							
4		***SP*** Light Gray fine to course SAND, little Gravel, trace Silt (Wet) (Loose)		18.17	5.46			4 - 4.5	AI-AJ
5		End of Borehole							
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365519.445

Easting (NAD 83): 361650.82

Depth to Watertable (ft bgs): 3.5

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Log of Borehole: HCSB0299

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 4.5

Borehole Completed As: HCSB0299

Date Completed: 8/9/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Greyish Brown fine to medium SAND, little Silt, trace Gravel, trace Organics (Moist) (Loose)		185.67	10.58			0 - 0.5	AA-AB Split Sample
1		Not Characterized							
2				151.11	9.57			2 - 2.5	AE-AF
3									
4		***SW-SM*** Greyish Brown fine to course SAND, little Silt (Moist) (Loose)		91.12	7.87			4 - 4.5	AI-AJ
5		End of Borehole							
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365501.074

Easting (NAD 83): 361645.526

Depth to Watertable (ft bgs): Not Encountered/>4.5

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Phone: (732) 417-5800
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Log of Borehole: HCSB0300

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0300

Date Completed: 8/10/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Greyish Brown fine to course SAND, little Gravel, little Organics (Dry) (Loose)		198.65	13.29			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Light Pale Greyish Brown fine to course SAND, little Gravel, little Silt, little Organics (Dry) (Loose)		79.33	8.04			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365551.742

Easting (NAD 83): 361615.926

Depth to Watertable (ft bgs): Not Encountered/>2.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: HCSB0301

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0301

Date Completed: 8/10/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Greyish Brown fine to course SAND, little Silt, little Gravel, trace Organics (Dry)		413.69	27.18			0 - 0.5	AA-AB
1		Not Characterized							
2		***SP-SM*** Light Brownish Orange fine to medium SAND, trace Silt, trace Clay (Moist) (Loose)		6.37	4.58			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365551.521

Easting (NAD 83): 361605.877

Depth to Watertable (ft bgs): Not Encountered/>2.5

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Log of Borehole: HCSB0302

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 0.5

Borehole Completed As: HCSB0302

Date Completed: 8/10/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Greyish Brown fine to course SAND, some Organics (Dry)		69.37	7.28			0 - 0.5	AA-AB
1		End of Borehole							
2									
3									
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365321.268

Easting (NAD 83): 361477.092

Depth to Watertable (ft bgs): Not Encountered/>0.5

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Log of Borehole: HCSB0303

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0303

Date Completed: 8/10/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to course SAND, some Organics, little Silt, little Gravel (Wet) (Soft)		150.63	37.22			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Dark Greyish Brown fine to course SAND, little Gravel, little Silt, little Organics (Saturated) (Loose)		127.15	8.3			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365456.832

Easting (NAD 83): 361562.509

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: HCSB0304

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0304

Date Completed: 8/14/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Greyish Brown fine to medium SAND, some Organics, little Gravel (Moist) (Loose)		115.43	11.01			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Brown fine to course SAND, some Organics, little Gravel (Wet) (Loose)		24.46	5.12			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365439.957

Easting (NAD 83): 361577.982

Depth to Watertable (ft bgs): 2.67

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Log of Borehole: HCSB0305

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 8.5

Borehole Completed As: HCSB0305

Date Completed: 2/27/2007

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine to medium SAND and ORGANICS, little Gravel (Moist) (Loose)		196.56	71.09			0 - 0.5	AA-AB (8/14/06)
1		Not Characterized							
2		***SP-SM*** Dark Dusky Brown medium to course SAND and GRAVEL, little Silt (Saturated) (Loose)		923.61	130.22			2 - 2.5	AE-AF (8/14/06)
3		Not Characterized							
4		***SM*** Dark Brown medium to course SAND and GRAVEL, little Organics (Saturated) (Loose)		1895.773	248.12607			4 - 4.5	AI-AJ (2/27/07)
5		Not Characterized							
6		***SM*** Dark Brown medium to course SAND and GRAVEL, little Organics (Saturated) (Loose)		268.4778.3	20.27			6 - 6.5	AM-AN (2/27/07)
7		Not Characterized							
8		***SM*** Dark Brown medium to course SAND and GRAVEL, little Organics (Saturated) (Loose) product smell		689.285	54.263.7			8 - 8.5	AQ-AR (2/27/07)
9		End of Borehole							Borehole advanced by Weston to 8.5' with a Hand Auger on 8/14/06 and by ECDI to 8.5' with a Geoprobe on 2/27/07. Lithology reflects respective sample intervals.
10									

Drilling Subcontractor: ECDI

Drilling Method: Hand Auger and Geoprobe

Sampling Method: Trowel

Northing (NAD 83): 365476.059

Easting (NAD 83): 361559.96

Depth to Watertable (ft bgs): 1.5

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Log of Borehole: HCSB0306

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0306
Project Location: Gibbsboro, NJ
Date Completed: 8/27/2006
Total Depth (ft bgs): 6.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Light Greyish Brown fine to course SAND, some Silt, little Organics, little Gravel (Moist) (Loose)		171.35	13.51			0 - 0.5	AA-AB (8/14/06)
1		Not Characterized							
2		***SM*** Greyish Black fine to course SAND, some Organics, little Gravel, little Silt (Saturated) (Loose)		167.16	14.97			2 - 2.5	AE-AF (8/14/06)
3		Not Characterized							
4		***SM*** Dark Brownish Black fine to medium SAND, some Silt, some Organics, little Gravel (Saturated) (Soft)		2354.7	131.51			4 - 4.5	AI-AJ (2/27/06)
5		Not Characterized							
6		***MH*** Greyish Brown SILT, some Clay, some fine Sand, little Organics (Saturated) (Soft)		32.94	5.75			6 - 6.5	AM-AN (8/17/06)
7		End of Borehole							Borehole advanced by Weston to 4.5' with a Hand Auger on 8/14/06 and by Weston to 6.5' with a Hand Auger on 8/17/06. Lithology reflects respective sample intervals
8									
9									
10									

Drilling Subcontractor:
Drilling Method: Hand Auger
Sampling Method: Trowel

Northing (NAD 83): 365501.578
Easting (NAD 83): 361553.791
Depth to Watertable (ft bgs): 4

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Log of Borehole: HCSB0307

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0307
Project Location: Gibbsboro, NJ
Date Completed: 2/27/2007
Total Depth (ft bgs): 16.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Dark Brown ORGANICS and fine to medium SAND, little Silt (Moist) (Loose)		119.9	70			0 - 0.5	AA-AB (8/15/06)
1		Not Characterized							
2		***SM*** Dark Greyish Black fine to course SAND, little Organics, little Gravel, little Silt (Wet) (Loose) slight product odor		59.76	14.4			2 - 2.5	AE-AF (8/15/06)
3		Not Characterized							
4		***SM*** Dusky Brownish Black fine to course SAND, little Organics, little Gravel, little Silt (Saturated) (Soft) slight product odor		1905.2 4458.7	151.76 437.3			4 - 4.5	AI-AJ (2/27/07) (Tetra Tech split sample)
5		Not Characterized							
6		***ML*** Light Yellowish Brown SILT, some fine Sand, some Clay, little Organics (Saturated) (Soft)		7.05 41.3	28.72 9			6 - 6.5	AM-AN (8/15/06)
7		Not Characterized							
8		***ML*** Light Yellowish Brown SILT, some fine Sand, some Clay, little Organics (Saturated) (Soft)		76.84 6	16.11 5.7			8 - 8.5	AQ-AR (8/15/06)
9		Not Characterized							
10				118.7	19.7			10 - 10.5	AU-AV (2/27/07)
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365228.018
Drilling Method: Hand Auger and Geoprobe
Easting (NAD 83): 361313.435
Sampling Method: Trowel
Depth to Watertable (ft bgs): 2

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Log of Borehole: HCSB0307

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0307
Project Location: Gibbsboro, NJ
Date Completed: 2/27/2007
Total Depth (ft bgs): 16.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
12				16	8.3			12 - 12.5	AY-AZ (2/27/07)
13									
14				6	5.7			14 - 14.5	BC-BD (2/27/07)
15									
16				9.7	5			16 - 16.5	BG-BH (2/27/07)
17		End of Borehole							Borehole advanced by Weston to 8.5' with a Hand Auger on 8/15/06 and by ECDI to 14.5' with a Geoprobe on 2/27/07. Secondary XRF values exist where intervals were rescreened on 2/27/07. Lithology reflects respective sample intervals.
18									
19									
20									
21									
22									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365228.018
Drilling Method: Hand Auger and Geoprobe
Easting (NAD 83): 361313.435
Sampling Method: Trowel
Depth to Watertable (ft bgs): 2

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Log of Borehole: HCSB0308

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0308

Date Completed: 8/15/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		MH Light Brown fine to medium SAND and ORGANICS, little Silt (Moist) (Loose)		25.64	5.51			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Dark Brownish Black fine to course SAND, little Gravel, little Silt, little Organics (Moist) (Soft) slight product odor		208.56	10.18			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365218.374

Easting (NAD 83): 361333.059

Depth to Watertable (ft bgs): Not Encountered/>2.5

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Log of Borehole: HCSB0309

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0309

Date Completed: 8/15/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		MH Dark Brown SILT and fine SAND, some Organics (Moist) (Soft)		124.63	104.23			0 - 0.5	AA-AB (Tetra Tech split sample)
1		Not Characterized							
2		***SM*** Brownish Gray fine to course SAND, little Gravel, little Silt (Saturated) (Soft)		6.82	4.61			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365226.09

Easting (NAD 83): 361300.062

Depth to Watertable (ft bgs): 1.42

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Log of Borehole: HCSB0310

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: HCSB0310

Date Completed: 8/15/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Greyish Brown fine to medium SAND and ORGANICS, little Silt (Moist) (Loose)		207.19	20.39			0 - 0.5	AA-AB
1		Not Characterized							
2		***SM*** Dark Brown fine to course SAND, little Silt, little Gravel, little Organics (Moist) (Loose)		7.92	4.54			2 - 2.5	AE-AF
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365236.457

Easting (NAD 83): 361265.35

Depth to Watertable (ft bgs): 2

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Log of Borehole: HCSB0311

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 4.5

Borehole Completed As: HCSB0311

Date Completed: 8/15/2006

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Brown ORGANICS and fine to medium SAND (Dry) (Loose)		268.11	17.92			0 - 0.5	AA-AB
1		Not Characterized							
2		***SP-SM*** Light Greyish Brown fine to medium SAND, little Gravel, little Silt (Wet) (Loose)		6.67	4.89			2 - 2.5	AE-AF
3		Not Characterized							
4		***SM*** Weak Light Yellowish White fine to medium SAND and SILT (Wet)		6.47	4.88			4 - 4.5	AI-AJ
5		End of Borehole							
6									
7									
8									
9									
10									

Drilling Subcontractor:

Drilling Method: Hand Auger

Sampling Method: Trowel

Northing (NAD 83): 365260.253

Easting (NAD 83): 361228.527

Depth to Watertable (ft bgs): 4.5

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Log of Borehole: HCSB0312

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0312
Project Location: Gibbsboro, NJ
Date Completed: 8/17/2006
Total Depth (ft bgs): 3
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to medium SAND and ORGANICS, trace Silt (Dry) (Loose)		81.78	7.35			0 - 0.5	AA-AB
1		Not Characterized							
2									
		SM Brown fine to course SAND, little Gravel, little Silt, little Organics (Wet) (Loose)		8.01	4.53			2.5 - 3	AF-AG
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									

Drilling Subcontractor:
Drilling Method: Hand Auger
Sampling Method: Trowel

Northing (NAD 83): 365394.212
Easting (NAD 83): 361591.419
Depth to Watertable (ft bgs): 3

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Log of Borehole: HCSB0313

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 9.5

Borehole Completed As: HCSB0313
Date Completed: 2/27/2007
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Weak Greyish White fine to course SAND and ORGANICS, little Gravel, little Silt (Dry) (Loose)		136.3	17.98			0 - 0.5	AA-AB (8/17/06)
1		Not Characterized							
2									
3		***SP*** Dark Brown coarse to fine SAND with Gravel. (Moist)		181.34	20.82			3 - 3.5	AG-AH (8/17/06) Lithology taken from field notes.
4		Not Characterized							
5									
6								5.5 - 6	AL-AM (8/17/06)
7		***SC*** CLAY with fine Sand						7 - 7.5	AO-AP (2/27/07) Lithology taken from field notes.
		blue gray discoloration		16.3	5.3			7.5 - 8	AP-AQ (2/27/07) Lithology taken from field notes.
8		***SM*** Dark brown medium to fine SAND with Silt							
		Not Characterized							
9				54.08	6.26			9 - 9.5	AS-AT (2/27/07)
				15.3	4.3			9.5 - 10	AT-AU (2/27/07)
		End of Borehole							
10									Borehole advanced by Weston to 6.0' with a Hand Auger on 8/17/06, and by ECDI to 9.5' with a GeoProbe on 2/27/07. Lithology reflects respective sample intervals.
11									

Drilling Subcontractor: ECDI
Drilling Method: Hand Auger and Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365529.335
Easting (NAD 83): 361527.723
Depth to Watertable (ft bgs): 6

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Log of Borehole: HCSB0379

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: HCSB0379
Project Location: Gibbsboro, NJ
Date Completed: 7/30/2007
Total Depth (ft bgs): 8.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Light Brown fine SAND, little Silt (Dry) (Loose)		369.7	27.7			0 - 0.5	AA-AB
1									
2		***SP*** Black fine to course SAND, little Gravel (Moist) (Loose) cinder, ash, slag		3463.3	141.3			2 - 2.5	AE-AF
3		Not Characterized							
4		***SM*** Greyish Brown fine to course SAND, some Silt (Wet) (Loose)		718.3	61.7			4 - 4.5	AI-AJ
5		Not Characterized							
6		***SM*** Brown fine to course SAND, little Silt (Wet) (Loose)		7.3	5.3			6 - 6.5	AM-AN
7		Not Characterized							
8		***SM*** Yellowish Brown fine to course SAND, some Silt (Wet) (Loose)		8.3	6.3			8 - 8.5	AQ-AR
9		End of Borehole							
10									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365576.087
Drilling Method: Hand Auger
Easting (NAD 83): 361499.544
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: HCSB0498

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs):

Borehole Completed As: HCSB0498

Date Completed: NA

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				A borehole log for HCSB0498 was not completed.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Drilling Method:

Sampling Method:

Northing (NAD 83): 0

Easting (NAD 83): 0

Depth to Watertable (ft bgs):

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Log of Borehole: HCSB0499

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0499

Project Location: Gibbsboro, NJ

Date Completed: NA

Total Depth (ft bgs):

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				A borehole log for HCSB0499 was not completed.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Northing (NAD 83): 0

Drilling Method:

Easting (NAD 83): 0

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: HCSB0500

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0500

Project Location: Gibbsboro, NJ

Date Completed: NA

Total Depth (ft bgs):

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				A borehole log for HCSB0500 was not completed.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Northing (NAD 83): 0

Drilling Method:

Easting (NAD 83): 0

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: HCSB0501

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: HCSB0501

Project Location: Gibbsboro, NJ

Date Completed: NA

Total Depth (ft bgs):

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				A borehole log for HCSB0501 was not completed.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Northing (NAD 83): 0

Drilling Method:

Easting (NAD 83): 0

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0001

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0001

Project Location: Gibbsboro, NJ

Date Completed: 11/16/2009

Total Depth (ft bgs): 25

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***GP*** Gray GRAVEL, little coarse Sand		345	19		0	0 - 0.5	AA-AB
1							0		
2		***SP-SM*** Dark Brown fine to coarse SAND, little Gravel, little Silt	4/5	6	6		0	1.5 - 2	AD-AE
3							0		
4		***SP*** Pale Grayish Brown fine to coarse SAND, trace Gravel		5	5		0		
5		***SP*** Brown fine to coarse SAND, trace Gravel		5	5		0		
6							0		
7		***SP*** Brown fine to coarse SAND, trace Gravel, trace Silt	4/5	11	7		0		
8							0		
9		***SP*** Light Brown fine to coarse SAND, trace Gravel		7	6		7.3		
10							14.6		
11		***SM*** Olive Brown fine to coarse SAND, some Silt		8	6		0		
12		***SP-SM*** Brown fine to coarse SAND, little Silt	4/5				80.6	12 - 12.5	AY-AZ
13							46		
14		Dark Brown fine to coarse SAND, some Gravel, little Silt		7	6		31.1 58.1 42.6		
15		***SM*** Light Olive Brown fine to coarse SAND, some Silt		9	6		42.6 4.4		
16							4.4 6.6		
17		***SP-SM*** Light Brown fine to coarse SAND, little Silt, wet	4/5	7	6		2.5 2.5 0	16.5 - 17 17.5 - 18	BH-BI Groundwater at 17.0 feet BJ-BK
18							0		
19							0		
20				10	6		0		No recovery noted for this core interval
21							0		
22				10	6		0		
23							0		
24				8	6		0		
25							0		
26		End of Borehole							

Drilling Subcontractor: ECDI

Northing (NAD 83): 365880.099

Drilling Method: Geoprobe

Easting (NAD 83): 362426.729

Sampling Method: Trowel

Depth to Watertable (ft bgs): 17.0

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Log of Borehole: MPSB0002

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0002
Project Location: Gibbsboro, NJ
Date Completed: 11/17/2009
Total Depth (ft bgs): 25
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SP-SM*** Light Brown fine to coarse SAND, little Silt, trace Gravel		95	11		0.3	0 - 0.5	AA-AB
1							0.1		
1							0		
2				9	6		0	1.5 - 2	AD-AE
2							0		
3			4/5				0		
3							0		
4				8	9		0		
4							0		
5							0		
5							0		
6				5	5		0		
6							0		
7							0		
7			4/5				0		
8				5	5		0		
8							0		
9							0		
9							0		
10				5	5		0		
10		***SP-SM*** Light Brown fine to coarse SAND, little Silt					0.4		
11							0.5		
11							0.6		
12				7	5		0.6		
12							0.2		
13			5/5				0.3		
13							0.6		
14				6	8		0.6		
14							0.4		
15							0.5		
15							0.6		
16				6	5		0.1		
16							0.6		
17							0.6		
17							0.4		
18			4.5/5	9	6		0.4		
18							0.5		
19							0.6		
19				7	6		0.5	19 - 19.5	BM-BN
20		***SP-SM*** Light Grayish Brown fine to coarse SAND, little Silt		7	6		0		Groundwater at 19.5 feet
20							0		
21							0		
21							0		
22				9	6		0		
22							0		
23			4/5				0		
23							0		
24				7	6		0		
24							0		
25							0		
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365931.028
Drilling Method: Geoprobe
Easting (NAD 83): 362543.066
Sampling Method: Trowel
Depth to Watertable (ft bgs): 19.5

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Log of Borehole: MPSB0003

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0003
Project Location: Gibbsboro, NJ
Date Completed: 11/18/2009
Total Depth (ft bgs): 25
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		54	9		0	0 - 0.5	AA-AB
1		***SM*** Brown fine to medium SAND, little Silt, little Organics		12	7		0	1.5 - 2	AD-AE
2		***SP*** Yellow fine to coarse SAND, trace Silt (Dry)	4.5/5				0		
3				14	7		0		
4		***GP*** Gray GRAVEL					0		
5		***SP*** Yellow fine to coarse SAND (Dry)		5	5		0		
6							0		
7			4/5	5	5		0		
8							0		
9				5	5		0		
10							0		
11				5	5		0		
12			4/5				0		
13				5	5		0		
14							0		
15		***SM*** Yellow fine to medium SAND, some Silt (Moist)		9	6		0		
16							0		
17			4/5	8	6		0		
18							0		
19				10	7		0	19.5 - 20	BN-BO Groundwater at 20.0 feet
20		***SP*** Gray fine SAND (Saturated)					0		
21				7	6		0		
22			1.5/5				0		
23				9	6		0		
24							0		
25		End of Borehole					0		
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366019.881

Drilling Method: Geoprobe
Easting (NAD 83): 362547.8

Sampling Method: Trowel
Depth to Watertable (ft bgs): 20

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Log of Borehole: MPSB0004

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0004

Project Location: Gibbsboro, NJ

Date Completed: 11/18/2009

Total Depth (ft bgs): 25

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		45	13		0	0 - 0.5	AA-AB
1		***SP-SM*** Brown fine to medium SAND, little Silt (Dry)					0 0		
2				554	26		0	1.5 - 2	AD-AE
3		***SP-SM*** Brown fine to coarse SAND, little Silt (Dry)	4.5/5				20.6 20.6 73.1		
4				748	28		73.1	3.5 - 4	AH-AI
5		***SP-SM*** Brownish Black fine to medium SAND, little Silt (Moist)					40.6 37.1 52.5		
6		***FL*** BRICK		544	24		52.5 7.8 32.2		
7		***SP*** White fine to coarse SAND (Dry)	3.5/5	6	23		10.5		
8							26.9		
9		***SP*** Brown fine to medium SAND (Moist)					26.9 145		
10		***SW*** Yellow fine to coarse SAND (Moist)		11	6		145 81		
11							81 107		
12				113	17		315 638		
13			4.5/5				1331 1598		
14		***SP*** Yellow fine to medium SAND (Moist)		9 11	6 6		1825 171	14 - 14.5	BC-BD Groundwater at 14.5 feet
15		***SW*** Yellow fine to coarse SAND (Saturated)					171 3854	15 - 15.5	BE-BF Split Sample
16				7	6		186 186		
17							181 88.2		
18			4/5	11	6		70.8 62.5		
19		***SP*** Yellow fine to medium SAND (Saturated)					62.5 21.8		
20				8	6		30.9 588		
21							472 179		
22				15	6		156		
23			5/5				108 80.2		
24				8	7		13.1 5	24 - 24.5	BW-BX
25		End of Borehole					3.9		
26									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365997.665

Drilling Method: Geoprobe

Easting (NAD 83): 362387.102

Sampling Method: Trowel

Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0005

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0005
Project Location: Gibbsboro, NJ
Date Completed: 11/19/2009
Total Depth (ft bgs): 20
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SM*** Brown fine to medium SAND, little Silt, trace Organics (Moist)		26	9		0	0 - 0.5	AA-AB
1							0		
1							0		
1				247	17		0	1.5 - 2	AD-AE
2							0		
2			4/5				0		
3							0		
3				47	8		0		
4							0		
4							0		
5							0		
5				112	12		0		
6							0		
6		***SW-SM*** Orange fine to medium SAND, little Silt (Moist)					0		
7							0		
7			4/5	9	6		0		
8							0		
8							0		
9				9	6		0		
9							0		
10							0		
10							0		
11				9	6		0		
11							0		
12			5/5				0		
12							0		
13				7	7		0	13 - 13.5	BA-BB
13				9	6		0		Groundwater at 13.5 feet
14		***SW-SM*** Orange fine to medium SAND, little Silt (Saturated)					0		
14							0		
15							0		
15				9	6		0		
16							0		
16							0		
17							0		
17			5/5	11	6		0		
18							0		
18							0		
19							0		
19				8	6		0		
20									
20		End of Borehole							
21									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366065.233
Drilling Method: Geoprobe
Easting (NAD 83): 362420.412
Sampling Method: Trowel
Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0006

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0006

Project Location: Gibbsboro, NJ

Date Completed: 11/23/2009

Total Depth (ft bgs): 10

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0	0 - 0.5	AA-AB
		MH Brown fine SAND and ORGANICS, some Silt (Dry)					0		
1							0		
		SM Gray fine to medium SAND, little Silt (Moist)		8	6		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
		SM Orange fine to medium SAND, little Silt (Moist)					0		
3				9	7		0		
4							0		
							0		
5							0		
		SM Orange fine to medium SAND, little Silt (Moist)		9	6		0		
6							0		
							0		
7							0		
			4.5/5	11	7		0		
8				7	8		0	8 - 8.5	AQ-AR
							0		Groundwater at 8.5 feet
		SM Orange fine to medium SAND, little Silt (Saturated)					0		
9							0		
				7	6		0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366213.997

Drilling Method: Geoprobe

Easting (NAD 83): 362553.393

Sampling Method: Trowel

Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0007

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0007

Project Location: Gibbsboro, NJ

Date Completed: 11/23/2009

Total Depth (ft bgs): 10

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		111	12		0	0 - 0.5	AA-AB Split Sample
		SM Brown fine to medium SAND and ORGANICS, little Silt (Dry)					0		
1		***SM*** Gray fine to medium SAND, some Silt (Dry)					0		
				6	6		0	1.5 - 2	AD-AE Split Sample
2		***SM*** Orange fine to medium SAND, some Silt (Moist)					0		
			4/5				0		
3							0		
				8	6		0		
4							0		
							0		
5							0		
				7	6		0		
6							0		
							0		
7							0		
			4/5	10	6		0		
8							0		
				12	6		0	8.5 - 9	AR-AS
9							0		Groundwater at 9.0 feet
		SM Orange fine to medium SAND, some Silt (Saturated)		10	6		0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366155.872

Drilling Method: Geoprobe

Easting (NAD 83): 362426.458

Sampling Method: Trowel

Depth to Watertable (ft bgs): 9.0

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Log of Borehole: MPSB0008

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0008

Project Location: Gibbsboro, NJ

Date Completed: 11/24/2009

Total Depth (ft bgs): 20

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		39	9		0	0 - 0.5	AA-AB
1		***SM*** Brown fine to medium SAND and ORGANICS, little Silt (Dry)					0 0		
2		***SM*** Orange fine to medium SAND, some Silt (Dry)		7	8		0	1.5 - 2	AD-AE
3			4/5				0 0		
4				8	9		0 0		
5							0 0		
6				5	5		0 0		
7							0 0		
8			4/5	5	5		0 0		
9							0 0		
10				5	5		0 0		
11							0 0		
12				6	6		0 0		
13			5/5				0 0		
14				7	6		0 0		
15							0 0		
16				5	6		0 0		
17							0 0		
18			5/5	7	6		0 0	17.5 - 18	BJ-BK Groundwater at 18.0 feet
19		***SM*** Orange fine to medium SAND, some Silt (Saturated)					0 0		
20				10	6		0		
21		End of Borehole							

Drilling Subcontractor: ECDI

Northing (NAD 83): 366347.521

Drilling Method: Geoprobe

Easting (NAD 83): 362569.093

Sampling Method: Trowel

Depth to Watertable (ft bgs): 18.0

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Log of Borehole: MPSB0009

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0009
Project Location: Gibbsboro, NJ
Date Completed: 11/30/2009
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		73	12			0 - 0.5	AA-AB (Sample collected below gravel)
		GP Gray GRAVEL					10.1		
1		***SP-SM*** Brown fine to coarse SAND, little Silt					12.3		
				9	6		680	1.5 - 2	AD-AE
2							211		
			4/5				330		
3							678		
				5	5		1475		
4							1675		
							638		
5		***SP*** Brown fine to coarse SAND moist					309		
				7	6		156		
6							176		
							521		
7							597		
			4/5	8	6		484		
8		***SP*** Pale Brown fine to coarse SAND, trace Silt					1028		
				9	6		2495	8.5 - 9	AR-AS
9							1713		
				8	6		1308		
10				7	6		1857	10 - 10.5	AU-AV
							988		Groundwater at 10.5 feet
11							829		
				8	5		2468		
12							1247		
			4.5/5				433		
13							209		
				8	7		58.6		
14							12.9		
				8	6		4.3	14.5 - 15	BD-BE
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366034.547
Drilling Method: Geoprobe
Easting (NAD 83): 362322.23
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0010

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0010
Project Location: Gibbsboro, NJ
Date Completed: 11/30/2009
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					31	0 - 0.5	AA-AB
		SP-SM Brown fine to coarse SAND, little Silt					269		
1							69.5		
				12	6		57.7	1.5 - 2	AD-AE
2							99.5		
			3/5				383		
3				6	5		460	3 - 3.5	AG-AH
				6	5		155		
4							273		
							252		
5							180		
				10	6		59.9		
6		***SP-SM*** Light Pale Brown fine to coarse SAND, little Silt					76.8		
							339		
7							295		
			4/5				321		
8							360		
							374		
9							305		
							305		
10				8	6		357	10 - 10.5	AU-AV
							337		Groundwater at 10.5 feet
11									
							315		
12							323		
			4/5				9.1		
13							9.1		
				6	7		1	13.5 - 14	BB-BC
14							0.4		
							1.2		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365988.848
Drilling Method: Geoprobe
Easting (NAD 83): 362289.414
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0011

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0011
Project Location: Gibbsboro, NJ
Date Completed: 12/1/2009
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Dark Brown fine to coarse SAND, little Gravel		35	10		0	0 - 0.5	AA-AB Split Sample
							0		
1							0		
		SP Light Gray fine to coarse SAND		151	19		0	1.5 - 2	AD-AE Split Sample
2							0		
		SP-SM Dark Brown fine to coarse SAND, little Silt	4/5				42		
3							51.4		
				8	8		11.4		
		SP-SM Light Brown fine to coarse SAND, little Silt					49.5		
4							65.3		
5							30.6		
				140	12		44.8		
6							70.1		
							241		
7							294		
			4/5				361		
8							336		
							313		
9				7	6		376	9 - 9.5	AS-AT
							346		
10				37	8		314	10 - 10.5	AU-AV
									Groundwater at 10.5 feet
		SP-SM Light Olive Brown fine to coarse SAND, little Silt					95		
11							151		
							23.8		
12			4.5/5	8	6		3.5	12.5 - 13	AZ-BA
							3.7		
13									
							2		
14									
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366030.863
Drilling Method: Geoprobe
Easting (NAD 83): 362285.538
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0012

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0012

Project Location: Gibbsboro, NJ

Date Completed: 12/1/2009

Total Depth (ft bgs): 15

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		27	18		0	0 - 0.5	AA-AB
		GP Dark Grayish GRAVEL, some medium to coarse Sand					0		
1							0		
		SP Brown fine to coarse SAND, some Gravel		23	7		0	1.5 - 2	AD-AE
2							0		
		SP-SM Light Brown fine to coarse SAND, little Silt	4/5				0		
3							0		
				7	6		8.3		
4									
5									
				42	9				
6							169		
							191		
7				11	6		318	7 - 7.5	AO-AP
			4/5				232		
8				7	6		101	8 - 8.5	AQ-AR
									Groundwater at 8.5 feet
9							199		
							99.7		
10							24.4		
							13.7		
11				8	6		8.4	11 - 11.5	AW-AX
							4.8		
12							3		
							7.7		
13							5.6		
							9.1		
14									
							1		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365896.665

Drilling Method: Geoprobe

Easting (NAD 83): 362254.103

Sampling Method: Trowel

Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0013

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0013

Project Location: Gibbsboro, NJ

Date Completed: 2/2/2010

Total Depth (ft bgs): 62

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		123	13		3.3	0 - 0.5	AA-AB
							68.8		
1							60.1		
		SP Dark Brown GRAVEL and medium to coarse SAND		91	12		66.9	1.5 - 2	AD-AE
2		***SP*** Brown fine to coarse SAND, trace Gravel, trace Silt					42.1		
			4/5				41.7		
3							36.5		
				430	20		16.3		
4							261		
							624		
5							1971		
				40	8		1394		
6							1930		
				83	11		5776	6.5 - 7	AN-AO Split Sample
7							2524		
			3/5				3225		
8							2729		
		SP-SM Light Brown fine to coarse SAND, little Silt					3541		
9							3357		
							3357		
10							3853		
							4157		
11							3584		
							2806		
12							2948		
			3/5				2324		
13		***SM*** Light Olive Brown fine to coarse SAND, some Silt					3333		
							3674		
14							2777		
							3157	14.5 - 15	BD-BE
15							5022		Groundwater at 15.0 feet
							2509		
16							1101		
							457		
17							676		
			2.5/5				477		
18							185		
							185		
19							155		
							155		
20							139		
		SP-SM Brown fine to coarse SAND, little Silt					98.8		
21							33.7		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365782.118

Drilling Method: Geoprobe

Easting (NAD 83): 362343.145

Sampling Method: Trowel

Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0013

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0013
Project Location: Gibbsboro, NJ
Date Completed: 2/2/2010
Total Depth (ft bgs): 62
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
22			3/5				33.7		
23							48.1		
24							30.9		
25							73.3		
26							91.8		
27							30.2		
28		***SP-SM*** Light Grayish White fine to coarse SAND, little Silt Boring advanced to 30 ft on 12/2/09	1.5/5	11	6		99.8 50.1 50.1 10.4 10.4 2.9 2.9 1.8 1.8	27 - 27.5	CC-CD
29							1.8		
30							1.8		
31		***SP*** Orange fine to medium SAND (Saturated)					0		
32							0		
33			5/5				0		
34							0		
35							0		
36							0		
37							0		
38			4/5				0		
39		***SM*** Brownish Orange fine to medium SAND, some Silt (Saturated)					0		
40							0		
41							0		
42							0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365782.118
Drilling Method: Geoprobe
Easting (NAD 83): 362343.145
Sampling Method: Trowel
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0013

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0013
Project Location: Gibbsboro, NJ
Date Completed: 2/2/2010
Total Depth (ft bgs): 62
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
43			5/5				0		
44							0		
45		***SM*** Brown fine SAND, some Silt, little Clay (Saturated) Boring advanced from 30-50 ft on 1/27/10		12	6		0	45 - 45.5	DM-DN
46							0		
47							0		
48			5/5				0		
49							0		
50							0		
51		***CL*** Brown CLAY and fine SAND, some Silt (Saturated)					0		
52							0		
53			4/5				0		
54							0		
55							0		
56							0		
57							0		
58			4/5				0		
59				7	12		0	59 - 59.5	EO-EP
60		***CL*** Brownish Green CLAY, some Silt, some fine Sand (Saturated)					0		
61			2/2				0		Borehole advanced by ECDI to 30.0' with a GeoProbe on 12/2/09, and by ECDI to 62.0' with a GeoProbe on 2/2/10. Lithology is reflective of 2/2/10.
62		End of Borehole					0		
63									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365782.118

Drilling Method: Geoprobe
Easting (NAD 83): 362343.145

Sampling Method: Trowel
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0014

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0014

Project Location: Gibbsboro, NJ

Date Completed: 12/2/2009

Total Depth (ft bgs): 20

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		7	6		19.3	0 - 0.5	AA-AB
		GP Dark Brown GRAVEL and medium to coarse SAND					46.1		
1							51		
				5	5		297	1.5 - 2	AD-AE
2		***SP-SM*** Light Brown fine to coarse SAND, little Silt					413		
			4/5				349		
3							195		
				5	5		646		
4							746		
							765		
5							1289		
				7	6		1053		
6							1047		
							1221		
7							1767		
			3.5/5				1235		
8							1053		
							2329		
9							1883		
							3287		
10							3800		
				9	6		3513	10.5 - 11	AV-AW
11				7	6		4167	11 - 11.5	AW-AX; Groundwater at 11'
							3050		
12		***SP-SM*** Light Olive Brown fine to coarse SAND, little Silt		8	6		1487	12 - 12.5	AY-AZ
			4/5				1584		
13							1218		
							857		
14							793		
							84.9		
15							76.3		
		SP-SM Light Brown fine to coarse SAND, little Silt					24.2		
16							24.5		
							52.4		
17							18		
			3/5				47.3		
18							48		
							37.5		
19							42.6		
				8	7		7.4	19.5 - 20	BN-BO
20		End of Borehole							
21									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365746.126

Drilling Method: Geoprobe

Easting (NAD 83): 362229.717

Sampling Method: Trowel

Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0015

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0015
Project Location: Gibbsboro, NJ
Date Completed: 12/3/2009
Total Depth (ft bgs): 25
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		54	14		0	0 - 0.5	AA-AB
1		***SM*** Brown fine to medium SAND, some Silt (Dry)					0 0		
2				99	12		0	1.5 - 2	AD-AE
3			4/5				0 0 5.3		
4				7	6		4.7 8.3		
5		***GP*** Black GRAVEL (Wet)					0.9 0		
6							0 0		
7							0 0		
8		***SP-SM*** Grayish Brown fine to medium SAND, little Silt (Moist)	4/5				0.9 6.9		
9							36.3 16.7		
10							10.6 43.7		
11							31.7 27.8		
12							61.6 57		
13			4/5				89.1 617		
14							419 681		
15		***SP*** White fine to medium SAND (Saturated)		7	6		970 543	14.5 - 15	BD-BE Split Sample Groundwater at 15.0 feet
16		***SP-SM*** Brown fine to medium SAND, little Silt (Saturated)					639 639		
17				8	6		1175 1057	16.5 - 17	BH-BI
18			2/5				1153 1153		
19							866 350		
20							265 2.3		
21				7	6		2.3 11	20.5 - 21	BP-BQ
22							11 3.1		
23							3.1 10		
24							10 3.9		
25		End of Borehole					3.9		
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365677.035
Drilling Method: Geoprobe
Easting (NAD 83): 362274.435
Sampling Method: Trowel
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0016

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0016

Project Location: Gibbsboro, NJ

Date Completed: 12/7/2009

Total Depth (ft bgs): 15

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		30	8		0	0 - 0.5	AA-AB
		SM Brown fine to medium SAND, little Silt, little Organics (Dry)					0		
1							0		
		SW Orange fine to coarse SAND (Moist)		5	5		0	1.5 - 2	AD-AE
2							131		
			4/5				164		
3							172		
				7	6		96.6		
4							125		
							163		
5							120		
				6	5		122		
6							134		
							164		
7							115		
			5/5				107		
8							91.7		
							148		
9							200		
							200		
10							210		
		SW Orange fine to coarse SAND (Wet)		10	6		243	10.5 - 11	AV-AW
11							194		
				5	5		107	11.5 - 12	AX-AY
12							108		Groundwater at 12.0 feet
		SP Orange fine to medium SAND (Saturated)	3/5				37.4		
13							20.6		
		SP Brown fine to medium SAND (Saturated)		7	6		4	13.5 - 14	BB-BC
14							8.8		
							4.4		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365740.553

Drilling Method: Geoprobe

Easting (NAD 83): 362166.434

Sampling Method: Trowel

Depth to Watertable (ft bgs): 12.0

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Log of Borehole: MPSB0017

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0017
Project Location: Gibbsboro, NJ
Date Completed: 12/7/2009
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		95	12		1.4	0 - 0.5	AA-AB
		SP Brown fine to medium SAND, little Gravel (Dry)					12.2		
1							44.4		
		SP Brown fine to medium SAND (Dry)		116	12		23.5	1.5 - 2	AD-AE
2							37.2		
			4/5				59.3		
3		SP Brown fine to medium SAND (Moist)					20.3		
				5	5		64.7		
4							62.2		
							16.2		
5							791		
				9	6		900		
6							1021		
							878		
7							896		
			3/5				934		
8							1179		
							963		
9		SP Brown fine to medium SAND (Saturated)		6	6		1356	9 - 9.5	AS-AT
							633		Groundwater at 9.5 feet
10		SP Orange fine to medium SAND (Saturated)		9	6		1547	10 - 10.5	AU-AV
							906		
11							804		
							1076		
12							744		
			4/5				424		
13		SP Brown fine SAND (Saturated)					156		
							129		
14				9	6		37.5	14 - 14.5	BC-BD
							22.4		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365797.687
Drilling Method: Geoprobe
Easting (NAD 83): 362135.95
Sampling Method: Trowel
Depth to Watertable (ft bgs): 9.5

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Log of Borehole: MPSB0018

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0018
Project Location: Gibbsboro, NJ
Date Completed: 12/7/2009
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		15	7		24.1	0 - 0.5	AA-AB Split Sample
		SP-SM Brown fine to medium SAND, little Silt (Moist)					10.4		
1							6.5		
		SP Brown fine to medium SAND (Moist)		73	11		9.8	1.5 - 2	AD-AE Split Sample
2							7.6		
			4/5				14.7		
3							45		
				33	8		323		
4							277		
							101		
5							76		
		SP Brown fine to medium SAND (Wet)		15	7		64.1		
6				7	6		33.5	6 - 6.5	AM-AN
							1010		Groundwater at 6.5 feet
7		***SP*** Brown fine to medium SAND (Saturated)					1111		
			5/5	8	6		1400	7.5 - 8	AP-AQ
8							1286		
							985		
9							518		
							147		
10							662		
							448		
11							714		
							329		
12							241		
			4/5				131		
13							73.3		
							29.8		
14				9	7		19.8	14 - 14.5	BC-BD
							11.1		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365280.1
Drilling Method: Geoprobe
Easting (NAD 83): 361841.997
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.5

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Log of Borehole: MPSB0019

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0019

Project Location: Gibbsboro, NJ

Date Completed: 12/8/2009

Total Depth (ft bgs): 15

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		33	9		0	0 - 0.5	AA-AB (Soil sample collected below the asphalt)
		MAN					0		
1		ASPHALT					0		
		SP-SM		539	24		0	1.5 - 2	AD-AE Split Sample
2		Brown fine to medium SAND, little Silt (Moist)					0		
			4/5				0		
3							0		
		MAN		184	15		0		
4		Brown medium to fine SAND, little Silt + Clay COBBLES					0		
		SP					0		
5		Brown fine to medium SAND (Wet)					0		
				11	6		0	5.5 - 6	AL-AM
6		***SP***					0		Groundwater at 6.0 feet
		Brown fine to medium SAND (Saturated)					0		
7							0		
			5/5				1.3		
8		***SP***					3		
		Brownish Gray fine to coarse SAND (Saturated)		96	13		78.6	8.5 - 9	AR-AS
9							12.1		
							2.3		
10				10	5		0.5	10 - 10.5	AU-AV
							1.6		
11							0		
							0		
12							0		
			4/5				0		
13		***SP***					0		
		Gray fine to coarse SAND and GRAVEL (Saturated)					0		
14		***SP***					0		
		Gray fine to medium SAND (Saturated)					0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365957.47

Drilling Method: Geoprobe

Easting (NAD 83): 361861.262

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0020

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0020
Project Location: Gibbsboro, NJ
Date Completed: 12/8/2009
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		13	7		0	0 - 0.5	AA-AB
		SP Fill: Soil-Rubble (Moist)					0		
1							0		
				784	30		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				658	27		0		
4							0		
							0		
5							0		
		SW Brown fine to coarse SAND (Wet)		13	6		0	5.5 - 6	AL-AM
6							0		Groundwater at 6.0 feet
		SP Brown fine to coarse SAND (Saturated)					1.7		
7							1		
			4/5				1		
8							1		
		SP Gray fine to coarse SAND (Saturated)					1		
9							1		
							1		
10				67	10		0	10 - 10.5	AU-AV
		SP White fine to medium SAND (Saturated)					0		
11							0		
							0		
12							0		
			4/5				0		
13							0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365937.751
Drilling Method: Geoprobe
Easting (NAD 83): 361868.862
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0021

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0021

Project Location: Gibbsboro, NJ

Date Completed: 12/9/2009

Total Depth (ft bgs): 15

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		57	10		0	0 - 0.5	AA-AB
		SM Brown fine to medium SAND, little Silt (Moist)					0		
1							0		
				604	26		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				704	30		0	3.5 - 4	AH-AI
4		***SP*** Brown fine to medium SAND (Moist)					0		
							0		
5							0		
		SP Brown medium to fine SAND cinders		536	25		0	5.5 - 6	AL-AM
6							0		Groundwater at 6.0 feet
		SP Brown medium to fine SAND brick					0		
7							0		
		SP Brown fine to medium SAND (Saturated)	3/5	7	10		0		
8							0		
		SP Yellowish White fine SAND (Saturated)					0		
9							0		
							0		
10				9	6		0	10 - 10.5	AU-AV
							0		
11							0		
							0		
12							0		
			3/5				0		
13							0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365919.025

Drilling Method: Geoprobe

Easting (NAD 83): 361850.701

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0022

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0022
Project Location: Gibbsboro, NJ
Date Completed: 12/9/2009
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		41	9		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Moist)					0		
1							0		
				415	48		0	1.5 - 2	AD-AE
		SP Dark Brown fine to medium SAND (Moist)					2		
2			4/5				1.3		
3							1.3		
				321	19		0		
		SP Yellow fine to coarse SAND (Wet)					0		
4							0		
5							0		
		SP Brown fine to medium SAND (Wet)		1095	34		0	5.5 - 6	AL-AM
6							0		Groundwater at 6.0 feet
		MAN Brown medium to fine SAND cinders					0		
7							0		
		SP Brown fine to coarse SAND (Saturated)	4/5	48	22		1.1		
8							0		
							0		
9							0		
		SP White fine SAND (Saturated)					0		
10				33	8		0	10 - 10.5	AU-AV
							0		
11							0		
							0		
12							0		
			2/5				0		
13							0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365877.74
Drilling Method: Geoprobe
Easting (NAD 83): 361811.241
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0023

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0023
Project Location: Gibbsboro, NJ
Date Completed: 12/10/2009
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		211	49		0	0 - 0.5	AA-AB
		SP Yellow fine SAND (Moist) cobbles					0		
1							51.1		
		SP Brown fine to medium SAND (Moist) brick and concrete		363	38		65.2	1.5 - 2	AD-AE
2							65.2		
			3.5/5				0		
3							0		
				135	14		0		
4		***SP*** Yellow fine to medium SAND (Moist)					0		
							0		
5							5.1		
				14	7		5.1	5.5 - 6	AL-AM
6							3.2		Groundwater at 6.0 feet
							3.2		
7							2.7		
		GW Brownish Black GRAVEL and fine to coarse SAND (Saturated)	4/5				2.7		
8							2.7		
							2.7		
		SP White fine SAND (Saturated)					2.7		
9							2.7		
							2.7		
10				22	7		1.9	10 - 10.5	AU-AV
							1.9		
11							1.6		
							1.6		
12							1.4		
			4/5				1.3		
13							1.3		
							1.4		
14							1.4		
							1.3		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365845.443
Drilling Method: Geoprobe
Easting (NAD 83): 361784.209
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0024

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0024
Project Location: Gibbsboro, NJ
Date Completed: 12/10/2009
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		100	28		1.7	0 - 0.5	AA-AB
		SP White fine SAND					1.7		
1		***SP*** White fine to coarse SAND, little Gravel (Dry)					45.2		
		SW Brown fine to coarse SAND (Moist)		830	37		45.2	1.5 - 2	AD-AE
2							7.3		
			4/5				7.3		
3		***SW*** Brown fine to coarse SAND (Moist) brick					2.2		
		SW Gray fine to coarse SAND (Saturated) cinders		332	19		2.2		
4							2.1		
							2.1		
5							3.3		
		SW Brown fine to coarse SAND (Saturated)		40	9		1.7	5.5 - 6	AL-AM
6							1.7		Groundwater at 6.0 feet
							1.4		
7		***SP*** Yellow fine to medium SAND (Saturated)	4/5				1.7		
							1.7		
8							1.7		
							1.4		
9		***SP*** White fine SAND (Saturated)					1.4		
							1.4		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365895.687
Drilling Method: Geoprobe
Easting (NAD 83): 361847.184
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0025

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0025
Project Location: Gibbsboro, NJ
Date Completed: 12/15/2009
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Light Brown fine to coarse SAND, trace Gravel		158	13		0	0 - 0.5	AA-AB
							0		
1							0		
				497	23		0	1.5 - 2	AD-AE
2		***SP*** Brown fine to coarse SAND					0		
			2.5/5				0		
3							0		
				503	24		0	3.5 - 4	AH-AI
4		***SP*** Brown medium to coarse SAND and GRAVEL					0		Groundwater at 4.0 feet
							0		
5							0		
				75	10		0	5.5 - 6	AL-AM
6							0		
							0		
7							0		
			2/5				0		
8		***SP*** Brown fine to coarse SAND, little Gravel					0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366240.354
Drilling Method: Hand Auger
Easting (NAD 83): 362237.236
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0026

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0026
Project Location: Gibbsboro, NJ
Date Completed: 12/16/2009
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		39	9		0	0 - 0.5	AA-AB
		SP Dark Brown fine to coarse SAND, little Gravel					10.1		
1							355		
				41	8		418	1.5 - 2	AD-AE
2							68.8		
			3/5				68.8		
3		***GW*** Gray GRAVEL		9	6		56.7		
		SP Olive Brown fine to coarse SAND					502		
4				11	7		850	4.5 - 5	AJ-AK Split Sample
5							60.2		
				12	7		29.8	5.5 - 6	AL-AM
6							67.9		Groundwater at 6.0 feet
							61.5		
7				13	7		13.9	7 - 7.5	AO-AP
			4/5				14.1		
		SP Light Brown fine to coarse SAND					8.1		
8							6		
9							2.9		
							4.3		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365361.485

Drilling Method: Geoprobe
Easting (NAD 83): 361879.655

Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0027

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0027
Project Location: Gibbsboro, NJ
Date Completed: 12/16/2009
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Light Brown fine to coarse SAND		35	9		13	0 - 0.5	AA-AB Split Sample
							7.8		
1							7.1		
				13	7		3	1.5 - 2	AD-AE Split Sample
2							2		
			2.5/5				2		
3							1.3		
				10	6		1.3		
4							0.7		
							0.7		
5							0.7		
				11	7		18.5		
6							3.4		
							2.5		
7							0.8		
			3/5				0.5		
8							0.4		
							0.5		
9							0		
							0		
10							0.9		
							0.9		
11							0.6		
							0.6		
12							0		
			3/5	9	6		0	12.5 - 13	AZ-BA
13							0		Groundwater at 13.0 feet
							0		
14							0		
		SP Dark Brown fine to coarse SAND					0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364925.077
Drilling Method: Geoprobe
Easting (NAD 83): 361283.41
Sampling Method: Trowel
Depth to Watertable (ft bgs): 13.0

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Log of Borehole: MPSB0028

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0028
Project Location: Gibbsboro, NJ
Date Completed: 12/17/2009
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		8	6		0	0 - 0.5	AA-AB
		SP Brown fine to coarse SAND, some Gravel (Moist) rock and cobbles					0		
1							0		
				21	7		0	1.5 - 2	AD-AE
2		***SP*** Orange fine to coarse SAND (Wet)					0		
			4/5				0		
3							0		
				39	8		0		
4		***SP*** Brown fine to medium SAND (Wet)					0		
							0		
5							0		
				53	9		0	5.5 - 6	AL-AM
6		***SP*** Brown fine to medium SAND (Saturated)					0		Groundwater at 6.0 feet
							0		
7		***SW*** Brown fine to coarse SAND (Saturated)	5/5				0		
							0		
8		***SW*** Gray fine to medium SAND (Saturated)					0		
							0		
9		***SW*** Yellow fine to medium SAND (Saturated)					0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366294.136
Drilling Method: Geoprobe
Easting (NAD 83): 361879.683
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0029

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0029
Project Location: Gibbsboro, NJ
Date Completed: 12/17/2009
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		26	7		0	0 - 0.5	AA-AB
		SW White fine to coarse SAND (Moist)					0		
1							0		
				23	7		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3							0		
				10	6		0		
4		***SW*** Orange fine to coarse SAND (Moist)					0		
							0		
5							0		
				7	6		0		
6							0		
							0		
7							0		
			4/5	7	6		0	7.5 - 8	AP-AQ
8		***SW*** Orange fine to coarse SAND (Wet)					0		Groundwater at 8.0 feet
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366480.362
Drilling Method: Geoprobe
Easting (NAD 83): 361851.83
Sampling Method: Trowel
Depth to Watertable (ft bgs): 8.0

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Log of Borehole: MPSB0030

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0030
Project Location: Gibbsboro, NJ
Date Completed: 1/4/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to coarse SAND (Dry)		129	13		0	0 - 0.5	AA-AB
							100		
1							7.6		
		SP Brown fine to coarse SAND (Moist)		29	8		5	1.5 - 2	AD-AE
2							0		
			3.5/5				0		
3							0		
				9	5		0		
4							0		
		SP Brown fine to coarse SAND (Saturated)		5	5		0	4.5 - 5	AJ-AK
5							0		Groundwater at 5.0 feet
				10	5		0		
6							0		
							0		
7							0		
			2.5/5				0		
8							0		
		SP Yellow fine to medium SAND (Saturated)					0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366028.229
Drilling Method: Geoprobe
Easting (NAD 83): 362071.906
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0031

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0031
Project Location: Gibbsboro, NJ
Date Completed: 1/4/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to coarse SAND (Dry)		8	6		1262	0 - 0.5	AA-AB
							1173		
1		SP Yellow fine to medium SAND (Moist)					1296		
				10	6		1472	1.5 - 2	AD-AE
2							1263		
			4/5				997		
3							1559		
				10	6		2066	3.5 - 4	AH-AI
4		SP Gray fine to medium SAND (Saturated)		12	7		1506	4 - 4.5	AI-AJ
							117		Groundwater at 4.5 feet
5		SP Yellow fine SAND (Saturated)					187		
				11	7		139	5.5 - 6	AL-AM
6							64		
							35.1		
7							41.3		
			2/5				10.7		
8							7.6		
							6.6		
9							5.1		
							7.2		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365812.646
Drilling Method: Geoprobe
Easting (NAD 83): 361952.559
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0032

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0032
Project Location: Gibbsboro, NJ
Date Completed: 1/5/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Grayish Gray fine to coarse SAND (Moist)		342	75		0	0 - 0.5	AA-AB
							15.9		
1							93.4		
				391	21		135	1.5 - 2	AD-AE
2							135		
			3.5/5				187		
3							419		
				20	8		102		
4				6	57		716	4 - 4.5	AI-AJ
		SP Yellow fine to medium SAND (Saturated)					202		Groundwater at 4.5 feet
5							10		
				8	7		10	5.5 - 6	AL-AM
6							4.1		
							4.1		
7							1.8		
			2/5				1.8		
8							2.6		
							2.6		
9							1.2		
							1.2		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365773.26
Drilling Method: Geoprobe
Easting (NAD 83): 361860.542
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0033

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0033
Project Location: Gibbsboro, NJ
Date Completed: 1/5/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		28	9		5.4	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Dry)					17.6		
1							225		
				128	14		357	1.5 - 2	AD-AE
2				75	11		891	2 - 2.5	AE-AF
			3.5/5				714		
3							191		
				787	28		100	3.5 - 4	AH-AI
4							20.8		
				482	81		7.8	4.5 - 5	AJ-AK
5		***SP*** Dark Brown medium to coarse SAND, little Gravel (Dry) (Medium Dense) trace wood, trace brick, trace concrete					0		
							0	5.5 - 6	AL-AM
6							0		
		SP-SM Light Gray fine to medium SAND, little Silt (Dry) (Dense)					0		
7							0		
			4/5				0	7.5 - 8	AP-AQ
8		***GW*** Dark Gray GRAVEL, little coarse Sand (Wet) (Loose) some brick, trace wood, trace concrete,					0		
							0		Groundwater at 8.5 feet
9							0		
							0		
10		***SW*** Light Yellowish Brown fine to medium SAND (Wet) (Medium Dense)							Borehole advanced by ECDI to 5.0' with a GeoProbe on 1/5/10, and by ECDI to 10.0' with a GeoProbe on 9/26/12. Lithology is reflective of 9/26/12.
		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366043.145

Drilling Method: Geoprobe
Easting (NAD 83): 361964.254

Sampling Method: Trowel
Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0034

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0034
Project Location: Gibbsboro, NJ
Date Completed: 1/6/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		22	7		0	0 - 0.5	AA-AB
		SP Yellow fine to medium SAND (Moist)					0		
1							0		
				17	7		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				7	6		0	3.5 - 4	AH-AI Split Sample
		SW Yellow fine to coarse SAND (Wet)							
4							0		Groundwater at 4.0 feet
		SP Yellow fine to medium SAND (Saturated)					0		
5							0		
				11	7		0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366122.145
Drilling Method: Geoprobe
Easting (NAD 83): 361580.42
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0035

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0035
Project Location: Gibbsboro, NJ
Date Completed: 1/6/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		32	8		0	0 - 0.5	AA-AB Split Sample
		SP Orange fine to medium SAND (Dry)					0		
1							0		
				45	9		0	1.5 - 2	AD-AE Split Sample
		SP Brown fine to medium SAND (Moist)					0		
2							0		
			4/5				0		
3							0		
		SW Gray fine to coarse SAND (Saturated)		24	7		0	3.5 - 4	AH-AI
4							0		Groundwater at 4.0 feet
							0		
5							0		
				7	6		0		
6							0		
							0		
7							0		
			4/5				0		
		SW Yellow fine to coarse SAND (Saturated)					0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366257.554
Drilling Method: Geoprobe
Easting (NAD 83): 361861.911
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0036

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0036

Project Location: Gibbsboro, NJ

Date Completed: 1/6/2010

Total Depth (ft bgs): 10

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		10	6		0	0 - 0.5	AA-AB
		SM Brown fine to medium SAND, little Organics (Dry)					0		
1							0		
		SP Orange fine to coarse SAND (Moist)		6	6		0	1.5 - 2	AD-AE
2		***SP*** Yellow fine to medium SAND (Saturated)					0		
			4/5				0		
3							0		
				8	6		0		
4							0		
							0		
5							0		
				6	6		0	5.5 - 6	AL-AM
6							0		Groundwater at 6.0 feet
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365996.216

Drilling Method: Geoprobe

Easting (NAD 83): 361492.546

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0037

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0037
Project Location: Gibbsboro, NJ
Date Completed: 1/7/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		90	11		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Moist)					0		
1							0		
				103	12		0	1.5 - 2	AD-AE
2							0		
		MAN Brown fine to medium SAND brick	4/5				0		
3		***SP*** Brown fine to medium SAND (Moist)					0		
		SW Yellow fine to coarse SAND (Wet)		6	5		0		
4				5	5		0	4 - 4.5	AI-AJ
							0		Groundwater at 4.5 feet
		SP Yellow fine to coarse SAND (Saturated)							
5							0		
				8	7		0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365724.767
Drilling Method: Geoprobe
Easting (NAD 83): 361564.976
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0038

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0038
Project Location: Gibbsboro, NJ
Date Completed: 1/7/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Black fine to medium SAND (Moist)		331	22		0	0 - 0.5	AA-AB
							6.7		
1							7.1		
				37	10		12.5	1.5 - 2	AD-AE
2				546	30		71.3	2 - 2.5	AE-AF
			4/5				40.6		
		SW Gray fine to coarse SAND (Saturated)					12.7		
3									
				15	6		2.1	3.5 - 4	AH-AI
4							0		Groundwater at 4.0 feet
							0		
5							0		
		SP Yellow fine SAND (Saturated)		9	6		0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365805.779
Drilling Method: Geoprobe
Easting (NAD 83): 361629.457
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0039

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0039
Project Location: Gibbsboro, NJ
Date Completed: 1/11/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		404	31		0	0 - 0.5	AA-AB
		SP Yellowish Brown fine to medium SAND (Moist)					0		
1							0		
				424	29		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				532	27		0	3.5 - 4	AH-AI
4							0		Groundwater at 4.0 feet
		SP Yellowish Brown fine to medium SAND (Saturated)					0		
5							0		
				254	19		0	5.5 - 6	AL-AM
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		***SM*** Yellowish Orange fine SAND, some Silt (Saturated) (Loose)					0		
							0		
11							0		
							0	11.5 - 12	AX-AY
12							0		
			4/5				0		
13							0		
							0		
14							0		
							0		Borehole advanced by ECDI to 6.0' with a GeoProbe on 1/11/10, and by ECDI to 15.0' with a GeoProbe on 9/17/12. Lithology is reflective as of 9/17/12.
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365749.967
Drilling Method: Geoprobe
Easting (NAD 83): 361677.454
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0040

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0040
Project Location: Gibbsboro, NJ
Date Completed: 1/11/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Yellow fine to medium SAND (Saturated)		92	16		1.4	0 - 0.5	AA-AB
							0		Groundwater at 0.5 feet
1							0		
				40	8		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3		***SP*** Brown fine to medium SAND (Saturated)					13.4		
				673	57		13.4		
4							17.4		
							17.4		
5							0		
				1231	123		8	5.5 - 6	AL-AM
6							3		
							0		
7							0		
			3/5	5	5		0	7.5 - 8	AP-AQ
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365649.642
Drilling Method: Geoprobe
Easting (NAD 83): 361685.053
Sampling Method: Trowel
Depth to Watertable (ft bgs): 0.5

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Log of Borehole: MPSB0041

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0041

Project Location: Gibbsboro, NJ

Date Completed: 1/11/2010

Total Depth (ft bgs): 10

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		76	11		29	0 - 0.5	AA-AB
		SW Brown fine to medium SAND (Saturated)					256		Groundwater at 0.5 feet
1							528		
				3292	57		969	1.5 - 2	AD-AE
2							879		
			3/5				969		
3				1042	55		1022	3 - 3.5	AG-AH
				1517	37		482		
4							319		
							95.9		
5							322		
				157	14		322		
6							324		
							324		
7							238		
			3/5				238		
8		***SP*** Gray fine to medium SAND (Saturated)					57.6		
							57.6		
9							25.6		
				11	6		25.6	9.5 - 10	AT-AU
10		End of Borehole							
11									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365629.959

Drilling Method: Geoprobe

Easting (NAD 83): 361712.774

Sampling Method: Trowel

Depth to Watertable (ft bgs): 0.5

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Log of Borehole: MPSB0042

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0042
Project Location: Gibbsboro, NJ
Date Completed: 1/12/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		17	7		0	0 - 0.5	AA-AB Split Sample
		OL/OH Brown ORGANICS, little fine Sand (Dry)					0		
		SP Yellow fine to medium SAND (Moist)					0		
1							0		
				8	6		0	1.5 - 2	AD-AE Split Sample
2							0		
			4/5				0		
3							0		
				9	7		0		
4							0		
							0		
5							0		
				16	6		0	5.5 - 6	AL-AM
6							0		Groundwater at 6.0 feet
		SP Yellow fine to medium SAND (Saturated)					0		
7							0		
			3.5/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364884.904

Drilling Method: Geoprobe
Easting (NAD 83): 361602.706

Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0043

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0043
Project Location: Gibbsboro, NJ
Date Completed: 1/12/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		7	7		0	0 - 0.5	AA-AB
		OL/OH Brown ORGANICS, some fine Sand (Dry)		8	6		0	0.5 - 1	AB-AC
1		***SP*** Yellow fine to coarse SAND (Wet)					0		Groundwater at 1.0 feet
		SP Yellow fine to medium SAND (Saturated)		21	7		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3							0		
		SP Gray fine to coarse SAND (Saturated)		6	5		0	3.5 - 4	AH-AI Split Sample
4							0		
							0		
5							0		
				9	6		0		
6							0		
							0		
7		***SP*** Yellow fine to medium SAND (Saturated)					0		
			3/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364784.08
Drilling Method: Geoprobe
Easting (NAD 83): 361567.112
Sampling Method: Trowel
Depth to Watertable (ft bgs): 1.0

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Log of Borehole: MPSB0044

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0044
Project Location: Gibbsboro, NJ
Date Completed: 1/12/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to medium SAND (Moist)		61	10		0	0 - 0.5	AA-AB
							0		
1							0		
				489	23		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3				54	9		0	3 - 3.5	AG-AH
		SP Gray fine to coarse SAND (Moist)		6	6		0		Groundwater at 3.5 feet
		SP Gray fine to coarse SAND (Saturated)					0		
4							0		
							0		
5							0		
				10	6		0		
		SP Yellow fine to coarse SAND (Saturated)					0		
6							0		
							0		
7							0		
			3/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365446.85
Drilling Method: Geoprobe
Easting (NAD 83): 361627.682
Sampling Method: Trowel
Depth to Watertable (ft bgs): 3.5

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Log of Borehole: MPSB0045

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0045
Project Location: Gibbsboro, NJ
Date Completed: 1/13/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		27	7		0	0 - 0.5	AA-AB
		SM Brown fine to medium SAND, little Organics (Moist)					0		
1		***SP*** Gray fine to medium SAND (Saturated)					0		
				5	5		0	1.5 - 2	AD-AE
2		***SP*** Brown fine to coarse SAND (Saturated)					0		Groundwater at 2.0 feet
			3/5				0		
3							0		
				6	7		0	3.5 - 4	AH-AI
4							0		
							0		
5							0		
				6	6		0		
6							0		
							0		
7							0		
			4/5				0		
8		***SP*** White fine to medium SAND (Saturated)					0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365362.992
Drilling Method: Geoprobe
Easting (NAD 83): 361558.879
Sampling Method: Trowel
Depth to Watertable (ft bgs): 2.0

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Log of Borehole: MPSB0046

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0046
Project Location: Gibbsboro, NJ
Date Completed: 1/13/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		61	10		0	0 - 0.5	AA-AB
		SM Brown fine to medium SAND, little Organics (Moist)					0		
1							0		
		SP Orange fine to medium SAND (Wet)		8	6		0	1.5 - 2	AD-AE
2				8	6		0	2 - 2.5	AE-AF
		SP Orange fine to medium SAND (Saturated)	2/5				0		Groundwater at 2.5 feet
3							0		
		SP Gray fine to medium SAND (Saturated)		16	6		0		
4							0		
							0		
5							0		
		SP-SM Brown fine to medium SAND, little Organics (Saturated)		8	6		0		
6							0		
							0		
7							0		
		SP Orange fine to medium SAND (Saturated)	3/5				0		
8							0		
		SP Gray fine to medium SAND (Saturated)					0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365394.383
Drilling Method: Geoprobe
Easting (NAD 83): 361533.581
Sampling Method: Trowel
Depth to Watertable (ft bgs): 2.5

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Log of Borehole: MPSB0047

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0047
Project Location: Gibbsboro, NJ
Date Completed: 1/13/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to medium SAND (Dry)		14	7		703	0 - 0.5	AA-AB
							357		
1							430		
		SP Brown fine to coarse SAND (Moist)		10	6		546	1.5 - 2	AD-AE
2							608		
		SP Brown fine to medium SAND (Wet) SHEEN	3/5				650		
3							734		
				6	6		764	3.5 - 4	AH-AI
4							512		
				8	7		327	4.5 - 5	AJ-AK
5							91.4		Groundwater at 5.0 feet
		SP Brown fine to medium SAND (Saturated)		18	7		49.3		
6							44.1		
							105		
7							75.3		
			4/5	11	6		44.4	7.5 - 8	AP-AQ
8							21.6		
		SP Gray fine to medium SAND (Saturated)					31.3		
9							15.5		
		SP Brown fine to medium SAND (Saturated)					10.4		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365494.394
Drilling Method: Geoprobe
Easting (NAD 83): 361930.223
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0048

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0048
Project Location: Gibbsboro, NJ
Date Completed: 1/14/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Brown fine to coarse SAND (Moist)		92	12		4.5	0 - 0.5	AA-AB
							4.5		
1							21.9		
				96	11		21.9	1.5 - 2	AD-AE
2							58.6		
			3.5/5				58.6		
3							90.3		
				81	11		90.3	3.5 - 4	AH-AI
4							70.3		
							70.3		
5							8.5		
				12	7		5.3	5.5 - 6	AL-AM
6							3.8		Groundwater at 6.0 feet
		SP Brown fine to medium SAND (Saturated)					4.2		
7							3.6		
			3.5/5				3.3		
8							3.2		
							4.2		
9							2.7		
							1		
10							0		
							0		
11							0		
							0		
12							0		
			4/5				0		
13							0		
		SP Gray fine to medium SAND (Saturated)					0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365525.681
Drilling Method: Geoprobe
Easting (NAD 83): 361773.113
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0049

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0049

Project Location: Gibbsboro, NJ

Date Completed: 1/14/2010

Total Depth (ft bgs): 25

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		52	14		0	0 - 0.5	AA-AB
		SP-SM Brown fine to medium SAND, little Organics (Moist) FILL					0		
1							0		
		SP Orange fine to coarse SAND (Moist) FILL		69	10		0	1.5 - 2	AD-AE
2				76	10		0	2 - 2.5	AE-AF
		SM Blue fine to medium SAND, little Silt, little Clay (Moist) FILL	3.5/5				0		
3							0		
		SP Orange fine to medium SAND (Wet) FILL		12	7		0		
4							0		
							0		
5							2.6		
		SP Gray fine to medium SAND (Wet) FILL		49	9		0.8	5.5 - 6	AL-AM
6							15.7		Groundwater at 6.0 feet
		SP Black fine SAND (Saturated) FILL					7.1		
7							2		
			4.5/5				0		
8							0		
							0		
9							0		
							0		
10							1.6		
							0.8		
11							0		
							0		
12							0		
			4.5/5				0		
13							0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365228.153

Drilling Method: Geoprobe

Easting (NAD 83): 361496.621

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0049

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0049
Project Location: Gibbsboro, NJ
Date Completed: 1/14/2010
Total Depth (ft bgs): 25
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
14		SP Grayish Orange fine SAND (Saturated) NATIVE		10	6		0 0	14 - 14.5	BC-BD
15							0 0		
16							0 0		
17		SP Black fine SAND (Saturated) NATIVE	5/5				0 0		
18		SP Gray fine SAND (Saturated) NATIVE					0 0		
19							0 0		
20							0 0		
21							0 0		
22			5/5				0 0		
23							0 0		
24							0 0		
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365228.153
Drilling Method: Geoprobe
Easting (NAD 83): 361496.621
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0050

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0050
Project Location: Gibbsboro, NJ
Date Completed: 1/14/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		31	8		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Moist) FILL					0		
1							0		
				102	12		0	1.5 - 2	AD-AE
2							0		
			3/5	2802	52		136	2.5 - 3	AF-AG
3							120		
				145	14		97.3		
4							40.7		
							14.7		
5							8.4		
				64	11		11		
6				42	9		10.7	6 - 6.5	AM-AN
		SP Yellowish Brown fine to medium SAND (Wet) NATIVE					6.3		
7							3.2		
			3/5				2.8		
8							1.9		
							1.9		
9							0.7		
				38	8		0.7	9.5 - 10	AT-AU
10							1.3		Groundwater at 10.0 feet
		SP Yellowish Brown fine to medium SAND (Saturated) NATIVE					5		
11							3.7		
							0.9		
12							0		
			3/5				0		
13							0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365105.958
Drilling Method: Geoprobe
Easting (NAD 83): 361643.122
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10

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Log of Borehole: MPSB0051

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0051
Project Location: Gibbsboro, NJ
Date Completed: 1/18/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Yellowish Gray fine to medium SAND, little Gravel (Moist)		20	7		0	0 - 0.5	AA-AB
							0		
1							0		
				40	8		0	1.5 - 2	AD-AE
2							0		
		SP Brown fine to medium SAND (Wet)	4/5				8.7		
3							1.1		
				9	6		0		
4							0		
		SP Light Brown fine to medium SAND (Wet)		11	6		0	4.5 - 5	AJ-AK
5							0		Groundwater at 5.0 feet
		SP Light Brown fine to medium SAND (Saturated)		9	6		0		
6							0		
							0		
7							0		
			3.5/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365601.298
Drilling Method: Geoprobe
Easting (NAD 83): 361827.453
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0052

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0052
Project Location: Gibbsboro, NJ
Date Completed: 1/18/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		6	6		0	0 - 0.5	AA-AB
		SW Orange fine to coarse SAND (Dry)					0		
1							0		
		SP Yellow fine to medium SAND (Moist)		11	6		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				53	11		0	3.5 - 4	AH-AI
4		***SP*** Yellow fine to medium SAND (Wet) green discoloration					0		
		SP Yellow fine to medium SAND (Wet)		9	6		0	4.5 - 5	AJ-AK
5							0		Groundwater at 5.0 feet
		SP Yellow fine to medium SAND (Saturated)		10	6		0		
6							0		
							0		
7							0		
			4/5				0		
		SP Gray fine to medium SAND (Saturated)					0		
8							0		
		SP Grayish Yellow fine to medium SAND (Saturated)					0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365029.164
Drilling Method: Geoprobe
Easting (NAD 83): 361197.205
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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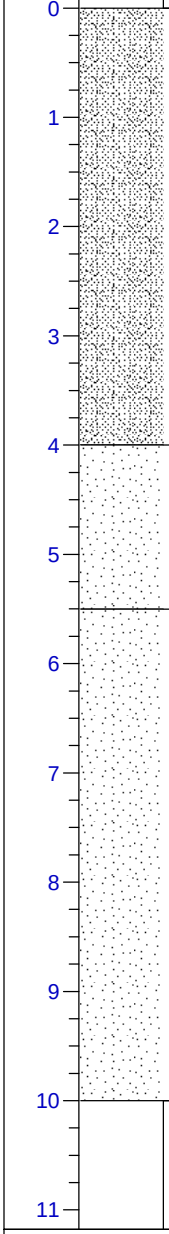
Log of Borehole: MPSB0053

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0053
Project Location: Gibbsboro, NJ
Date Completed: 1/18/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz



SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		77	10		0	0 - 0.5	AA-AB
		SP Brown fine to coarse SAND (Moist)					0		
1							0		
				52	10		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				26	8		0	3.5 - 4	AH-AI
4		***SW*** Brown fine to coarse SAND (Saturated)					0		Groundwater at 4.0 feet
							0		
5							0		
				58	8		0		
6		***SW*** Gray fine to coarse SAND (Saturated)					0		
							0		
7							0		
			4.5/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365091.365
Drilling Method: Geoprobe
Easting (NAD 83): 361183.713
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0054

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0054
Project Location: Gibbsboro, NJ
Date Completed: 1/19/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Orange fine to coarse SAND (Dry) FILL		28	8		0	0 - 0.5	AA-AB
							0		
1							0		
				6	5		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
		SP Greenish Orange fine to medium SAND (Moist) FILL					0		
3				16	8		0		
							0		Discolored green sludge observed in area
4							0		
							0		
5							0		
				12	6		0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
		SP Black fine to medium SAND (Wet) FILL					0		
9							0		
				6	6		0	9.5 - 10	AT-AU; Groundwater at 10'
		SP Yellow fine to medium SAND (Wet) NATIVE							
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365027.264
Drilling Method: Geoprobe
Easting (NAD 83): 361325.683
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10

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Log of Borehole: MPSB0055

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0055
Project Location: Gibbsboro, NJ
Date Completed: 1/19/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		SP Orange fine to medium SAND (Moist) FILL		40	9		0	0 - 0.5	AA-AB
							0		
1							0		
				24	7		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				21	7		0		
4		SP Light Brown fine to coarse SAND (Moist) FILL					0		
							0		
5		SP Brown fine to coarse SAND (Moist) FILL					0		
				9	6		0	5.5 - 6	AL-AM
6		SP Brown fine to coarse SAND (Saturated) FILL					0		Groundwater at 6.0 feet
							0		
7							0		
			4/5				0		
8		SP Black fine to medium SAND (Saturated) FILL					0		
							0		
9				6	6		0		
							0	9.5 - 10	AT-AU
10		SP Yellow fine to medium SAND (Saturated) NATIVE					0		
							0		
11							0		
							0		
12							0		
			2/5				0		
13							0		
							0		
14		SP Gray fine to medium SAND (Saturated) NATIVE					0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365103.886
Drilling Method: Geoprobe
Easting (NAD 83): 361320.503
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0056

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0056

Project Location: Gibbsboro, NJ

Date Completed: 1/19/2010

Total Depth (ft bgs): 15

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		102	11		0	0 - 0.5	AA-AB
		SW Brown fine to coarse SAND (Moist) FILL					0		
1							0		
				31	8		0	1.5 - 2	AD-AE
2		***SP*** Light Yellowish Brown fine to medium SAND (Wet) FILL					0		
			4/5				0		
3							0		
				14	6		0		
4							0		
				23	6		0	4.5 - 5	AJ-AK
5		***SP*** Gray fine to medium SAND (Wet) FILL					0		Groundwater at 5.0 feet
				9	6		0		
6		***SP*** Gray fine to medium SAND (Saturated) FILL					0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
				12	7		0	9.5 - 10	AT-AU
10		***SP*** Gray fine to medium SAND (Saturated) NATIVE					0		
							0		
11							0		
							0		
12							0		
			2.5/5				0		
13							0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365183.378

Drilling Method: Geoprobe

Easting (NAD 83): 361362.633

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0057

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0057
Project Location: Gibbsboro, NJ
Date Completed: 1/20/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		241	17		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND, trace Gravel (Dry) FILL					0		
1							0		
				234	17		10.6	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				272	22		13.1	3.5 - 4	AH-AI
4							10.4		
		SP Light Greenish Brown fine to medium SAND (Dry) green discoloration FILL		95	12		54.9	4.5 - 5	AJ-AK
5							6.5		
		SP Brownish Gray fine to medium SAND (Wet) FILL		34	8		323		
6							341		
				33	8		430	6.5 - 7	AN-AO
7							387		
			4/5				243		
8							125		
				25	9		52.3	8.5 - 9	AR-AS
9							23.4		Groundwater at 9.0 feet
		SP Black fine to medium SAND (Saturated) FILL					20.3		
10							13.5		
							7.3		
11							5.3		
							3.2		
12							0		
			4/5	15	6		0	12.5 - 13	AZ-BA
13		SP Light Gray fine to medium SAND (Saturated) NATIVE					0		
							0		
14							0		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365026.21
Drilling Method: Geoprobe
Easting (NAD 83): 361553.382
Sampling Method: Trowel
Depth to Watertable (ft bgs): 9.0

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Log of Borehole: MPSB0058

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0058
Project Location: Gibbsboro, NJ
Date Completed: 1/20/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		154	14		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Dry) FILL					0		
1							0		
				48	10		443	1.5 - 2	AD-AE
2							422		
			4/5				130		
3							83.2		
				129	13		48.9		
4							20.7		
							20.1		
5		SP Greenish Brown fine to coarse SAND (Wet) FILL					153		
				56	10		96.6		
6							154		
							51.9		
7							49.7		
			4/5				25.1		
8							21		
							20.3		
9							20.1		Groundwater at 9.0 feet
				10	7		13.1	9.5 - 10	AT-AU
10		SP Greenish Brown fine to medium SAND (Saturated) NATIVE					6.5		
							8.1		
11		SP Gray fine to medium SAND (Saturated) NATIVE					5.2		
							6.9		
12							3.9		
			4/5				7		
13							6.1		
							4.2		
14							3.1		
							2.9		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365012.153
Drilling Method: Geoprobe
Easting (NAD 83): 361682.392
Sampling Method: Trowel
Depth to Watertable (ft bgs): 9.0

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Log of Borehole: MPSB0059

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0059
Project Location: Gibbsboro, NJ
Date Completed: 1/21/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		18	7		0	0 - 0.5	AA-AB
		SP Brown fine to medium SAND (Dry) FILL					0		
1							0		
				54	8		0	1.5 - 2	AD-AE
2		SW Orange fine to coarse SAND (Moist) FILL	4/5				274		
							86.3		
3		SP Brown fine to medium SAND (Moist) FILL					22.2		
				18	6		11.8		
4		SW Orange fine to coarse SAND (Wet) FILL					267		
							245		
5		SW Orange fine to coarse SAND (Wet) FILL					228		
				30	7		108	5.5 - 6	AL-AM
6		SW Orange fine to coarse SAND (Saturated) FILL					41.2		Groundwater at 6.0 feet
							65.3		
7							283		
			4/5	26	7		356	7.5 - 8	AP-AQ
8							289		
							165		
9							77.7		
							12.6		
10							50.9		
							86.1		
11		SP Gray fine to medium SAND (Saturated) NATIVE		15	6		28.3	11 - 11.5	AW-AX
							13.7		
12							8.5		
			4/5				10.3		
13							18.3		
							8.1		
14							6		
							6.7		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365041.782
Drilling Method: Geoprobe
Easting (NAD 83): 361461.608
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0060

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0060
Project Location: Gibbsboro, NJ
Date Completed: 1/21/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		16	6		0	0 - 0.5	AA-AB
		SP Brown fine to coarse SAND, little Gravel (Dry) FILL					0		
1							0		
				22	7		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
		SP Orange fine to coarse SAND (Wet) FILL		21	7		0		
4							0		
							0		
5							0		
				19	7		0		
6							0		
				21	7		0	6.5 - 7	AN-AO
7		SP Gray fine to medium SAND (Saturated) NATIVE		15	6		0	7 - 7.5	AO-AP; Groundwater at 7'
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365103.364
Drilling Method: Geoprobe
Easting (NAD 83): 361483.333
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.0

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Log of Borehole: MPSB0061

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0061
Project Location: Gibbsboro, NJ
Date Completed: 1/26/2010
Total Depth (ft bgs): 25
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		66	10		23.2	0 - 0.5	AA-AB Split Sample
0		SP Brown fine to medium SAND (Dry)					33.5		
1							32.5		
1				9	7		62.1	1.5 - 2	AD-AE Split Sample
2		SP Brownish White fine to coarse SAND (Moist)	3.5/5				33.4		
2							15.8		
3							14.5		
3							39.9		
4							13.3		
4							44		
5							14.1		
5				7	6		25.6		
6		SP Orange fine to coarse SAND (Moist)					26.9		
6							15.7		
7							17.8		
7			3.5/5				65.7		
8							108		
8							92.3		
9							195		
9							168		
10							637		
10		SP Orange fine to medium SAND (Wet)		8	6		975	10.5 - 11	AV-AW Groundwater at 11.0 feet
11							809		
11		SP Orange fine to medium SAND (Saturated)					734		
12							742		
12			3.5/5	7	6		1047	12.5 - 13	AZ-BA
13							781		
13							854		
14							1020		
14							944		
15							874		
15							1004		
16							853		
16							694		
17							569		
17			3/5				194		
18							652		
18							472		
19							971		
19							702		
20				6	5		13.5	20 - 20.5	BO-BP
20							14.8		
21							8		
21							7.1		
22							6		
22			4/5				9.1		
23							3		
23							8.1		
24							3.5		
24		SP White fine to medium SAND (Saturated)					3.4		
25									
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365495.982
Drilling Method: Geoprobe
Easting (NAD 83): 362174.906
Sampling Method: Trowel
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0062

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0062
Project Location: Gibbsboro, NJ
Date Completed: 1/26/2010
Total Depth (ft bgs): 25
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		SP Brown fine to medium SAND (Dry)		103	13		4.2	0 - 0.5	AA-AB Split Sample
1							4.3		
1							2.8		
2		SP Orange fine to coarse SAND (Moist)		7	6		8.9	1.5 - 2	AD-AE Split Sample
2			4/5				0		
3							0		
3							0		
4				5	5		0		
4							21.2		
5							2.3		
5							0		
6				5	5		0		
6							0		
7							3.4		
7			4/5				0		
8							0		
8		SP Brownish White fine to coarse SAND (Wet)					109		
9							143		
9							143		
10							165		
10							186		
11							186		
11							148		
12							148		
12							514		
13			2.5/5	9	6		514	12.5 - 13	AZ-BA Groundwater at 13.0 feet
13							953		
14		SP Brownish White fine to coarse SAND (Saturated)					953		
14							1307		
15							1307		
15							753		
16		SP Gray fine to medium SAND (Saturated)					577		
16							801		
17							1500		
17		SP Yellow fine to medium SAND (Saturated)	4/5	10	6		1583	17 - 17.5	BI-BJ
18							1269		
18							618		
19							285		
19							183		
20							42		
20		SP Orange fine SAND (Saturated)		12	7		2.9	20 - 20.5	BO-BP
21							3.1		
21							3.9		
22							4.2		
22							5.7		
23			4/5				17.4		
23							4.4		
24							2.3		
24							3		
25							2.1		
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365433.772
Drilling Method: Geoprobe
Easting (NAD 83): 362178.696
Sampling Method: Trowel
Depth to Watertable (ft bgs): 13.0

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Log of Borehole: MPSB0063

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0063
Project Location: Gibbsboro, NJ
Date Completed: 1/27/2010
Total Depth (ft bgs): 15
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		141	13		0	0 - 0.5	AA-AB
		SP-SM Brown fine to medium SAND, little Organics (Dry)					0		
1							0		
		SP Gray fine to medium SAND (Dry)		6	5		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3		***SW*** Orange fine to coarse SAND (Dry)					0		
				5	6		0		
4							0		
							0		
5		***SW*** Yellowish Orange fine to coarse SAND (Moist)					0		
				7	6		0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							1.4		
10		***SW*** Yellowish Orange fine to coarse SAND (Saturated)							
11									
12				7	6			12 - 12.5	AY-AZ
			3.5/5						Groundwater at 12.5 feet
13									
14									
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365449.439
Drilling Method: Geoprobe
Easting (NAD 83): 362282.508
Sampling Method: Trowel
Depth to Watertable (ft bgs): 12.5

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Log of Borehole: MPSB0064

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0064
Project Location: Gibbsboro, NJ
Date Completed: 1/28/2010
Total Depth (ft bgs): 20
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SP*** Orange fine to coarse SAND (Dry)		7	6		0	0 - 0.5	AA-AB
1							0		
1							0		
2				6	5		0	1.5 - 2	AD-AE
2							0		
3			4/5				0		
3							0		
4				5	5		0		
4							0		
5							0		
5		***SP*** Orange fine to medium SAND (Moist)					12		
6				6	6		48.6		
6							24.6		
7							33.8		
7							18.2		
8			4/5				50.8		
8							18.9		
9							65.4		
9							59.1		
10							82.4		
10							920		
11				10	6		990	10.5 - 11	AV-AW Split Sample
11				10	7		754	11 - 11.5	AW-AX
12		***SP*** Orange fine to medium SAND (Saturated)					606		Groundwater at 11.5 feet
12							745		
13			4/5				608		
13							751		
14							629		
14							837		
15							360		
15							172		
16							62.4		
16				11	7		27.6	16 - 16.5	BG-BH
17							28.5		
17							13.2		
18			3.5/5				7		
18		***SP*** White fine to medium SAND (Saturated)					11.1		
19							10.6		
19							10.2		
20							13.2		
20		End of Borehole							
21									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365491.64

Drilling Method: Geoprobe
Easting (NAD 83): 362281.939

Sampling Method: Trowel
Depth to Watertable (ft bgs): 11.5

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Log of Borehole: MPSB0065

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0065
Project Location: Gibbsboro, NJ
Date Completed: 1/28/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		15	7		0	0 - 0.5	AA-AB
		SP Orange fine to medium SAND (Moist)					0		
1							4.4		
				7	6		4.8	1.5 - 2	AD-AE
2							4.8		
			3.5/5				1.2		
		SP Brownish Orange fine to medium SAND (Moist)					1.3		
3				151	14		0		
4							0		
							0		
5		SP Brown fine to medium SAND (Wet)					0		
				8	6		0		
6							0		
							0		
7							0		
			3.5/5				0		
8		SP Brown fine to coarse SAND (Wet)					0		
				6	6		0	8.5 - 9	AR-AS Split Sample
9		SP Brown fine to coarse SAND (Saturated)					0		Groundwater at 9.0 feet
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364844.79

Drilling Method: Geoprobe
Easting (NAD 83): 361403.504

Sampling Method: Trowel
Depth to Watertable (ft bgs): 9.0

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Log of Borehole: MPSB0066

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0066
Project Location: Gibbsboro, NJ
Date Completed: 1/28/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SP*** Orange fine to medium SAND (Moist)		14	7		0	0 - 0.5	AA-AB
							0		
1							0		
				8	7		0	1.5 - 2	AD-AE
2							0		
			3.5/5				0		
3							0		
		SP Brown fine to medium SAND (Moist)		13	7		0		
4							0		
		SW Orange fine to coarse SAND (Wet)		8	6		0	4.5 - 5	AJ-AK
5							0		Groundwater at 5.0 feet
		SW Orange fine to coarse SAND (Saturated)		5	6		0		
6							0		
							0		
7							0		
			3.5/5				0		
8							0		
							0		
9							0		
		SP Orange fine to medium SAND (Saturated)					0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364864.167
Drilling Method: Geoprobe
Easting (NAD 83): 361522.623
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0067

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0067
Project Location: Gibbsboro, NJ
Date Completed: 2/1/2010
Total Depth (ft bgs): 20
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		6	6		0	0 - 0.5	AA-AB
1		***SP*** Orange fine to course SAND (Dry) FILL					0		
2		***SP*** Brown fine to medium SAND (Moist) FILL		21	7		0	1.5 - 2	AD-AE
3			3/5				0		
4				20	8		0		
5							0		
6				17	7		0		
7		***SP*** Black fine to medium SAND (Saturated) FILL		14	7		0	6.5 - 7	AN-AO Split Sample Groundwater at 7.0 feet
8			4/5				0		
9							0		
10							0		
11							0		
12			4/5				0		
13							0		
14		***MAN*** Gray fine SAND (Saturated) NATIVE		12	7		0	13.5 - 14	BB-BC
15							0		
16							0	15.5 - 16	BF-BG
17							0		
18			3.5/5				0	17.5 - 18	BJ-BK
19							0		
20		End of Borehole					0	19.5 - 20	BN-BO
21									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365138.565
Drilling Method: Geoprobe
Easting (NAD 83): 361433.787
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.0

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Log of Borehole: MPSB0068

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0068

Project Location: Gibbsboro, NJ

Date Completed: 2/1/2010

Total Depth (ft bgs): 20

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		49	9		0	0 - 0.5	AA-AB
1		***SP*** Brown fine to course SAND (Dry) FILL					0		
2				41	8		0	1.5 - 2	AD-AE
3		***SP*** Greenish Brown fine to medium SAND (Moist) FILL	4/5				0		
4				10	7		0		
5				21	7		0	4.5 - 5	AJ-AK Split Sample Groundwater at 5.0 feet
6		***SP*** Greenish Brown fine to medium SAND (Saturated) FILL		15	7		0		
7			4/5				0		
8							0		
9							0		
10							0		
11							0		
12		***SP*** Black fine SAND (Saturated) FILL		7	6		0	12 - 12.5	AY-AZ
13		***MAN*** Gray fine SAND (Saturated) NATIVE	4/5				0		
14							0		
15							0	14.5 - 15	BD-BE
16							0		
17							0		
18			4/5				0	17.5 - 18	BJ-BK
19							0		
20		End of Borehole					0	19.5 - 20	BN-BO
21									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365165.488

Drilling Method: Geoprobe

Easting (NAD 83): 361494.569

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0069

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0069
Project Location: Gibbsboro, NJ
Date Completed: 2/3/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		46	9		0	0 - 0.5	AA-AB
		SW Brown fine to coarse SAND, little Gravel (Dry) FILL					0		
1							0		
				77	10		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				57	9		0	3.5 - 4	AH-AI
4		***SW*** Brown fine to coarse SAND, little Gravel (Saturated) FILL					0		Groundwater at 4.0 feet
							0		
5							0		
				97	11		0		
6							65.1		
		SP Greenish Gray fine to medium SAND (Saturated) FILL		8	6		0	6.5 - 7	AN-AO
7		***SP*** Light Brown fine to medium SAND (Saturated) NATIVE					0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365150.902
Drilling Method: Geoprobe
Easting (NAD 83): 361723.309
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

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Log of Borehole: MPSB0070

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0070
Project Location: Gibbsboro, NJ
Date Completed: 2/3/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		22	6		0	0 - 0.5	AA-AB
		SW Orange fine to coarse SAND (Moist)					0		
1							0		
				5	5		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				5	5		0		
4							0		
				5	5		0	4.5 - 5	AJ-AK
5							0		Groundwater at 5.0 feet
		SW Orange fine to coarse SAND (Saturated)		7	6		0		
		SP Orange fine to medium SAND, trace Silt (Saturated)					0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364550.443
Drilling Method: Geoprobe
Easting (NAD 83): 360820.213
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0071

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0071
Project Location: Gibbsboro, NJ
Date Completed: 2/3/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		13	7		0	0 - 0.5	AA-AB
		SP Orange fine to coarse SAND (Moist)					0		
1							0		
				7	6		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				6	6		0	3.5 - 4	AH-AI
4							0		Groundwater at 4.0 feet
		SP Orange fine to coarse SAND (Saturated)					0		
5							0		
				7	6		0		
6		***SP*** Orange fine to medium SAND (Saturated)					0		
							0		
7							0		
			5/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364651.208
Drilling Method: Geoprobe
Easting (NAD 83): 361053.449
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.0

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0072

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0072

Project Location: Gibbsboro, NJ

Date Completed: 3/4/2010

Total Depth (ft bgs): 43

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
1		***SP*** Light Brown fine to coarse SAND, little Gravel (Dry)					0		
2		***SP*** Brown fine to coarse SAND, little Gravel (Moist) brick fragments	4/5				0 3.3 1.3 15.1 1.3		
3									
4							0		
5		***SP*** Gray fine to medium SAND (Wet)					0		Groundwater at 5.0 feet
6		***SP*** Gray fine to medium SAND (Saturated)					0		
7			4/5				0		
8							0		
9							0		
10		***SP*** Light Brown fine to medium SAND (Saturated)					0		
11							0		
12			2.5/5				0		
13							0		
14							0		
15							0		
16							0		
17			4/5				0		
18		***SW-SM*** Brown fine to medium SAND, little Silt (Saturated)					0		
19							0		
20							0		
21							0		
22			5/5				0		
23							0		
24							0		
25							0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 366080.386

Drilling Method: Geoprobe

Easting (NAD 83): 361756.173

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0072

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0072
Project Location: Gibbsboro, NJ
Date Completed: 3/4/2010
Total Depth (ft bgs): 43
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
26							0		
27							0		
28			5/5				0		
29							0		
30		***SM*** Brown fine to medium SAND, some Silt (Saturated)					0		
31							0		*Note: This deep soil boring was advanced near the suspected location of the former production wells. Continuous acetate sleeves were collected and the geology was logged. The sample collection depth was based on depth and the change in geology from the sands of the Kirkwood-Cohansey Formation to the clayey silt of the Composite Confining Bed. No elevated PID readings were observed in the clayey silt of the Composite Confining Bed layer. Therefore, samples were collected six inches directly above the clayey silt, the first six inches of the clayey silt, and six inches below the clayey silt layer. Refusal was encountered at 43 ft.*
32							0		
33			5/5				0		
34							0		
35							0		
36							0		
37							0		
38			4/5				0		
39							0		
40							0		
41		***SM*** Brown fine to coarse SAND, little Silt, little Clay (Moist)	3/5	8 7	11 7		0 0	40.5 - 41 41 - 41.5	DD-DE DE-DF
42		***CL*** Gray CLAY, some fine to medium Sand, some Silt (Moist)		9	8		0 0	42 - 42.5	DG-DH
43		***MH*** Greenish Gray fine to medium SAND and SILT, some Clay (Saturated)							
44		End of Borehole							
45									
46									
47									
48									
49									
50									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366080.386

Drilling Method: Geoprobe
Easting (NAD 83): 361756.173

Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0073

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0073

Project Location: Gibbsboro, NJ

Date Completed: 3/5/2010

Total Depth (ft bgs): 45.5

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SP*** Light Brown fine to coarse SAND, little Gravel (Dry)					0		
1							0		
2		***SP*** Brown fine to coarse SAND, little Gravel (Moist)	3.5/5				0		
3							0		
4							0		Brick fragments, brown product at 4.25 - 4.5'
5		***SP*** Gray fine to medium SAND (Saturated)					0		Groundwater at 5.0 feet
6		***NC*** Not Characterized							
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366063.581

Drilling Method: Geoprobe

Easting (NAD 83): 361743.296

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0073

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0073
Project Location: Gibbsboro, NJ
Date Completed: 3/5/2010
Total Depth (ft bgs): 45.5
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
26									
27									
28									
29									
30		***SM*** Brown fine to medium SAND, little Silt, little Clay (Saturated)					0		Note: This deep soil boring was advanced near the suspected location of the former production wells. The geology was not logged further until the soil boring was advanced to 10 ft above the depth at which the clayey silt of the Composite Confining Bed was encountered in soil boring MPSB0072 at approximately 41 ft. The sample collection depth was based on depth and the change in geology from the sands of the Kirkwood-Cohansey Formation to the clayey silt of the Composite Confining Bed. No elevated PID readings were observed in the clayey silt of the Composite Confining Bed layer. Therefore, samples were collected six inches directly above the clayey silt and the first six inches of the clayey silt layer. Refusal encountered at 45.5 ft.
31							0		
32			5/5				0		
33							0		
34							0		
35							0		
36							0		
37			4/5				0		
38							0		
39							0		
40							0		
41							0		
42		***SM*** Brown fine to coarse SAND, some Silt, some Clay (Wet)	3/5				0		
43							0		
44		***CL*** Greenish Gray CLAY, some Silt, some fine Sand (Saturated)		6 8	11 7		0 0	43.5 - 44 44 - 44.5	DJ-DK DK-DL
45			0.25/0.5				0		
46		***SM*** Greenish Gray fine to medium SAND, little Silt, little Clay (Dry)							
47									
48		End of Borehole							
49									
50									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366063.581

Drilling Method: Geoprobe
Easting (NAD 83): 361743.296

Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0074

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0074
Project Location: Gibbsboro, NJ
Date Completed: 3/8/2010
Total Depth (ft bgs): 49
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366117.921
Drilling Method: Geoprobe
Easting (NAD 83): 361720.61
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0074

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0074
Project Location: Gibbsboro, NJ
Date Completed: 3/8/2010
Total Depth (ft bgs): 49
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
27–52									Note: This deep soil boring was advanced near the suspected location of the former production wells. The geology was not logged until the soil boring was advanced to 10 ft above the depth at which the clayey silt of the Composite Confining Bed was encountered in soil boring MPSB0072 at approximately 41 ft. The sample collection depth was based on depth and the change in geology from the sands of the Kirkwood-Cohansey Formation to the clayey silt of the Composite Confining Bed. No elevated PID readings were observed in the clayey silt of the Composite Confining Bed layer. Therefore, samples were collected six inches directly above the clayey silt, the first six inches of the clayey silt layer, and six inches below the clayey silt layer. Refusal encountered at 49 ft. Depth to water based upon observations noted in MPSB0072.
30–35		***SM*** Brown fine to medium SAND, little Silt, little Clay (Saturated)	5/5				0		
35–43		***SM*** Brown fine to medium SAND, little Silt, little Clay (Wet)	4/5				0		
43		***SP-SM*** Brown fine to coarse SAND, trace Silt, trace Clay (Saturated)	4/5	8	12		0	43 - 43.5	DI-DJ
44				9	7		0	43.5 - 44	DJ-DK
44–45				12	6		0	44 - 44.5	DK-DL
45–47		***CH*** Brownish Gray CLAY, some Silt, some fine Sand (Moist)					0		
47–49		***SM*** Greenish Brown fine to coarse SAND, little Silt, trace Clay (Moist)	3/4				0		
49		***SP-SM*** Brownish Gray fine to medium SAND, little Silt (Wet)					0		
		End of Borehole							

Drilling Subcontractor: ECDI
Northing (NAD 83): 366117.921

Drilling Method: Geoprobe
Easting (NAD 83): 361720.61

Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Phone: (732) 417-5800
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Log of Borehole: MPSB0075

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0075

Project Location: Gibbsboro, NJ

Date Completed: 3/8/2010

Total Depth (ft bgs): 42

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366105.438

Drilling Method: Geoprobe

Easting (NAD 83): 361704.233

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0075

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0075
Project Location: Gibbsboro, NJ
Date Completed: 3/8/2010
Total Depth (ft bgs): 42
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
24									
25									
26									
27									Note: This deep soil boring was advanced near the suspected location of the former production wells. The geology was not logged until the soil boring was advanced to 10 ft above the depth at which the clayey silt of the Composite Confining Bed was encountered in soil boring MPSB0072 at approximately 41 ft. The sample collection depth was based on depth and the change in geology from the sands of the Kirkwood-Cohansey Formation to the clayey silt of the Composite Confining Bed. No elevated PID readings were observed in the clayey silt of the Composite Confining Bed layer. Therefore, samples were collected six inches directly above the clayey silt and the first six inches of the clayey silt layer. Refusal encountered at 42 ft. Depth to water based upon observations noted in MPSB0072
28									
29									
30							0		
31		***SM*** Brown fine to medium SAND, little Silt, little Clay (Saturated)					0		
32							0		
33			4/5				0		
34							0		
35		***SM*** Brown fine to medium SAND, little Silt, little Clay (Wet)					0		
36							0		
37							0		
38			4.5/5				0		
39							0		
40							0		
41		***CH*** Brownish Gray CLAY, some Silt, some fine Sand (Moist)	2/2	10 14	9 7		0 0	41 - 41.5 41.5 - 42	DE-DF DF-DG
42		***SM*** Greenish Brown fine to medium SAND, little Silt, little Clay (Moist)							
43		End of Borehole							
44									
45									
46									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366105.438
Drilling Method: Geoprobe
Easting (NAD 83): 361704.233
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Phone: (732) 417-5800
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Log of Borehole: MPSB0076

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0076
Project Location: Gibbsboro, NJ
Date Completed: 3/3/2010
Total Depth (ft bgs): 10
Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		940	33		137	0 - 0.5	AA-AB Split Sample
		SP Grayish Brown fine to medium SAND (Moist) brick fragments					56.1		
1							35.7		
				77	11		31.3	1.5 - 2	AD-AE Split Sample
2							30.8		
			4/5	192	17		155	2.5 - 3	AF-AG
3							62.7		
				48	9		85		
4		***SP*** Yellowish Gray fine to medium SAND (Wet)					12		
							4.7		
5							0		
				12	6		0		
6							0		
							0		
7				12	6		0	7 - 7.5	AO-AP Split Sample
			2.5/5				0		Groundwater at 7.5 feet
		SP Yellowish Gray fine to medium SAND (Saturated)					0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366093.412
Drilling Method: Geoprobe
Easting (NAD 83): 361731.258
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0077

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0077
Project Location: Gibbsboro, NJ
Date Completed: 3/10/2010
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		28	7		0	0 - 0.5	AA-AB
		SP Dark Brown fine to coarse SAND, some Gravel (Dry)					0		
1							0		
				5	7		0	1.5 - 2	AD-AE
2		***SP*** Brown fine to coarse SAND (Dry)					0		
			3/5				0		
3							0		
				5	5		0		
4							0		
							0		
5		***SP*** Brown fine to coarse SAND (Moist)		8	6		0		
							0		
6							0		
							0		
7			3/5				0		
							0		
8		***SP-SM*** Brown fine to coarse SAND, little Silt (Wet)					0		
							3.4		
9							21.3		
				8	6		18.6	9.5 - 10	AT-AU Split Sample
10		***SP-SM*** Olive Brown fine to coarse SAND, little Silt (Saturated)					9.6		Groundwater at 10.0 feet
							14		
11							20.3		
							26.8		
12							63.9		
			4/5				642		
13							664		
							1418		
14				10	6		1708	14 - 14.5	BC-BD
							590		
15							1023		
							1366		
16							325		
							269		
17							99.6		
			3/5				60.5		
18							29.6		
							27.9		
19							23.8		
				10	7		20.9	19.5 - 20	BN-BO
20		End of Borehole							
21									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365377.188
Drilling Method: Geoprobe
Easting (NAD 83): 362138.632
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0078

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0078
Date Completed: 3/10/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		88	12		0	0 - 0.5	AA-AB
1		***SP*** Dark Brown fine to coarse SAND, little Gravel (Dry)					0 0		
2				72	11		0	1.5 - 2	AD-AE
3			3/5				0 0 0		
4		***SP*** Brown fine to coarse SAND (Moist)		5	5		0 0		
5							0 0		
6				6	6		0 0		
7		***SP-SM*** Brown fine to coarse SAND, little Silt (Saturated)		7	6		0 0	6.5 - 7	AN-AO Groundwater at 7.0 feet
8			4/5				0 0		
9							0 0		
10							0 1.2		
11							0 2.3		
12							96.7 149		
13		***SP-SM*** Olive Brown fine to coarse SAND, little Silt (Saturated)	4/5				153 155		
14				8	6		249 154	14 - 14.5	BC-BD
15							4.7		
16				10	6		2.5 3.7	15.5 - 16	BF-BG
17							1.8 3.2		
18			3.5/5				1.6 2		
19							0 0		
20		End of Borehole					0		
21									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365425.356
Easting (NAD 83): 362101.13
Depth to Watertable (ft bgs): 7.0

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0079

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0079

Project Location: Gibbsboro, NJ

Date Completed: 3/22/2010

Total Depth (ft bgs): 20

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		36	9			0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface).
1		***GW*** Gray GRAVEL (Dry) Asphalt and base coarse					2.5 5.7		
2		***SP-SM*** Grayish Brown fine to coarse SAND, little Silt (Moist)		10	6		7.8 2.7	1.5 - 2	AD-AE
3			4/5				0.8 1		
4		***SP-SM*** Light Brown fine to coarse SAND, little Silt (Moist)		7	12		0.6 1		
5							0.6 0		
6		***SP*** Light Brown fine to coarse SAND (Moist)		5	7		0 5.8		
7							5.6 3.9		
8			3.5/5				4.6 9.4		
9							3.7 4.9		
10							7.7 0		
11		***SP*** Grayish Brown fine to coarse SAND, little Gravel (Moist)					0 0		
12							0 0		
13			3/5				0 0		
14							0 0		
15		***SP*** Yellowish Brown fine to coarse SAND (Moist)		7	6		0 0	15.5 - 16	BF-BG Groundwater at 16.0 feet
16		***SP*** Yellowish Brown fine to coarse SAND (Saturated)					0 0		
17							0 0		
18			4/5				0 0		
19							0 0		
20		End of Borehole					0		
21									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365902.158

Drilling Method: Geoprobe

Easting (NAD 83): 362592.891

Sampling Method: Trowel

Depth to Watertable (ft bgs): 16.0

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0080

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0080

Project Location: Gibbsboro, NJ

Date Completed: 3/23/2010

Total Depth (ft bgs): 20

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		34	8		0	0 - 0.5	AA-AB (Sample collected below gravel and asphalt. All other sample intervals collected at depth below ground surface) Split Sample
1		***GW*** Gray GRAVEL (Dry) Asphalt and base coarse					0		
2		***SP*** Grayish Brown fine to coarse SAND (Dry)	4/5	13	7		0	1.5 - 2	AD-AE Split Sample
3							0		
4		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Dry)		9	7		0		
5		***SP*** Yellowish Brown fine to coarse SAND (Dry)		5	5		0		
6							0		
7		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Moist)	4/5				0		
8							0		
9							0		
10							0		
11							0		
12			4/5				0		
13							0		
14							0		
15		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Saturated)		6	6		0	14.5 - 15	BD-BE Groundwater at 15.0 feet
16							0		
17			4/5				0		
18							0		
19							0		
20		End of Borehole					0		
21									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365793.806

Drilling Method: Geoprobe

Easting (NAD 83): 362465.133

Sampling Method: Trowel

Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0081

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0081
Date Completed: 3/23/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***GP*** Gray GRAVEL (Dry)		13	6		0	0 - 0.5	AA-AB (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
1							3.2		
1							4.6		
1		***SP*** Grayish Brown fine to coarse SAND (Dry)		7	6		7.6		Split Sample
2							3.9	1.5 - 2	AD-AE Split Sample
2			4/5				7		
3		***SP*** Brown fine to coarse SAND (Dry)					2.4		
3				5	6		1.1		
4							1.2		
4							1.4		
5		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Dry)		5	5		1.5		
5							4.2		
6							1.4		
6							4.2		
7							3.1		
7			3/5				1.8		
8							0		
8							17.9		
9		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Dry)					16.4		
9							23.6		
10							22.3		
10							15.3		
11							23.5		
11							19.4		
12		***SP-SM*** Olive Brown fine to coarse SAND, little Silt (Moist) Petroleum odor					13.1		
12			4/5				9.1		
13							11.3		
13							134		
14							167		
14				7	6		208	14.5 - 15	BD-BE
15							108		Groundwater at 15.0 feet
15		***SP-SM*** Pale Olive Brown fine to coarse SAND, little Silt (Saturated)					175		
16							136		
16							123		
17							57.9		
17			3/5				67.3		
18							26.4		
18				10	6		3.5	18.5 - 19	BL-BM
19		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Saturated)					1.6		
19							1.7		
20		End of Borehole							
21									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365664.325
Easting (NAD 83): 362311.302
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0082

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0082
Project Location: Gibbsboro, NJ
Date Completed: 3/23/2010
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Gray GRAVEL (Dry) Asphalt and base coarse		13	6		0	0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
1		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Dry)					0 24.3		
				12	6		31.1	1.5 - 2	AD-AE
2							24.2		
			4/5				40.6		
3							37.2		
				9	6		19.5		
4							19		
							30.1		
5		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Moist)					5.7		
				10	6		43.5		
6							7.1		
				8	6		4.8	6.5 - 7	AN-AO
7		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Saturated)					2.4		Groundwater at 7.0 feet
			4/5				8.4		
8							4.8		
							24.4		
9							14.9		
							12.1		
10							0		
							0		
11							0		
				9	6		344	11.5 - 12	AX-AY
12		***SP-SM*** Olive Brown fine to coarse SAND, little Silt (Saturated)					143		Slight Petroleum Odor
			4/5				9.2		
13		***SP-SM*** Pale Grayish Brown fine to coarse SAND, little Silt (Saturated)		9	6		3	13 - 13.5	BA-BB
							1.7		
14							1.1		
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365223.99
Drilling Method: Geoprobe
Easting (NAD 83): 361879.932
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.0

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Log of Borehole: MPSB0083

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0083
Project Location: Gibbsboro, NJ
Date Completed: 3/24/2010
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		58	10		0	0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
		GP Gray GRAVEL (Dry) Asphalt and base coarse					0		
1		***SP-SM*** Brown fine to coarse SAND, little Silt (Dry)					0		
				7	6		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
				8	6		0		
4				7	6		0	4 - 4.5	AI-AJ Split Sample
							0		Groundwater at 4.5 feet
5		***SP-SM*** Brown fine to coarse SAND, little Silt (Saturated)					0		
				7	5		0		
6		***SP*** Grayish Brown fine to coarse SAND (Saturated)					0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365839.484
Drilling Method: Geoprobe
Easting (NAD 83): 361704.631
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0084

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0084
Date Completed: 3/24/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		10	7		24.9	0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
		GP Gray GRAVEL (Dry) Asphalt and base coarse					20.5		
1		***SP*** Gray fine to medium SAND (Dry)					34.6		
				20	8		8	1.5 - 2	AD-AE
2							23.6		
			4/5				16.8		
3							105		
		SP Brown fine to medium SAND (Moist)		12	7		243	3.5 - 4	AH-AI
4							132		
				11	6		165	4.5 - 5	AJ-AK
5							83.8		Groundwater at 5.0 feet
		SP Brown fine to medium SAND (Saturated)		7	6		145		
6							161		
							193		
7		***SP-SM*** Grayish Brown fine to medium SAND, little Silt (Saturated)					185		
			4/5	8	6		243	7.5 - 8	AP-AQ
8							94.1		
							11.6		
9		***SP-SM*** Yellowish Brown fine to coarse SAND, little Silt (Saturated)					13.3		
				7	7		3.6	9.5 - 10	AT-AU
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365557.695
Easting (NAD 83): 361947.573
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0085

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0085
Project Location: Gibbsboro, NJ
Date Completed: 3/25/2010
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		11	7		29.8	0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
		GP Gray GRAVEL (Dry) Asphalt and base coarse					22		
1							15.2		
		SP-SM Grayish Brown fine to medium SAND, little Silt (Dry)		8	6		10.9	1.5 - 2	AD-AE
2							14.6		
			4/5				2.4		
3							13.1		
				8	6		12.6		
4							43.3		
		SP-SM Brown fine to medium SAND, little Silt (Moist)					56.7		
5							40.8		
				9	6		80.8		
6							23		
		SP-SM Yellowish Brown fine to medium SAND, little Silt (Moist)					35.1		
7							1368		Slight gasoline odor
			4/5				1465		
8				10	6		2497	8 - 8.5	AQ-AR
							2450		
9							1555		
				9	6		1516	9.5 - 10	AT-AU
10							2457		Groundwater at 10.0 feet
		SP-SM Bluish Gray fine to medium SAND, little Silt (Saturated)					2064		
11							2102		Gasoline odor
							1456		
12							456		
			4/5				717		
13							220		
		SP-SM Yellowish Brown fine to medium SAND, little Silt (Saturated)					23.8		
14							26.5		
				10	8		16.5	14.5 - 15	BD-BE
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365503.63
Drilling Method: Geoprobe
Easting (NAD 83): 361997.177
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10

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Log of Borehole: MPSB0086

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0086
Project Location: Gibbsboro, NJ
Date Completed: 3/25/2010
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		13	6		9999	0 - 0.5	AA-AB; (Sample collected below gravel and asphalt. All other sample intervals collected at depth from ground surface)
		GP Gray GRAVEL (Dry) Asphalt and base coarse					9999		
1							9999		
		SP Dark Gray fine to medium SAND (Dry)		7	6		9999	1.5 - 2	AD-AE
2							9999		Gasoline Odor
		SP-SM Grayish Brown fine to medium SAND, little Silt (Moist)	4.5/5				9999		
3							9999		
				10	7		9999		
4							9999		
				9	7		2270	4.5 - 5	AJ-AK
5							2406		Groundwater at 5.0 feet
		SP-SM Yellowish Brown fine to medium SAND, little Silt (Saturated)		12	8		7497	5.5 - 6	AL-AM
6							687		Gasoline Odor
							1018		
7							132		
			3.5/5				151		
8							90.7		
							88.1		
9							32.1		
							96.9		
10							1192		
							1059		
11							220		
							563		
12							754		
		SP-SM Yellowish Gray fine to medium SAND, little Silt (Saturated)	5/5				1101		
13							35.4		
							43.3		
14							21.4		
							12.2	14.5 - 15	BD-BE
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365629.989
Drilling Method: Geoprobe
Easting (NAD 83): 361884.567
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0087

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0087
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		327	18		0		
		GP Moderate Brownish Yellow GRAVEL, some medium to coarse Sand, trace Silt (Dry) Gravel consists of gravel and some cobble					0		
1							0		
		SP Grayish Brown fine to coarse SAND, trace Gravel, trace Silt (Moist) small red brick fragments		788	25		0		
2							0		
		GP White GRAVEL (Dry) Concrete debris					0		
3							0		
		SP Yellowish Brown fine to coarse SAND, trace Gravel (Moist) Brick and concrete fragments		97	9		0		
4							0		
		SP Yellowish Brown fine to coarse SAND, trace Gravel (Moist) Cobble					0		
5							0		
				437	20		0		
6							0		Groundwater at 6.0 feet
		SP Brownish Gray fine to coarse SAND, trace Silt (Saturated)					0		
7		***SP*** Brownish Gray fine to coarse SAND, trace Silt (Saturated)					50.5		
				631	20		40.1		
8		***SP*** Dark Grayish Brown fine to coarse SAND, trace Silt (Wet) Wood fragments					20.1		
							1.8		
9		***SP*** Dark Grayish fine to coarse SAND (Saturated) petroleum odor, with sheen					0.4		
				22	6		0.4		
10		***SP*** Dark Pale Gray fine to coarse SAND (Saturated)							
		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365947.802
Drilling Method: Geoprobe
Easting (NAD 83): 361866.421
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.0

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Log of Borehole: MPSB0088

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0088
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		MH Dark Brown SILT, little fine to medium Sand (Moist)		182	12		87		
1							3.3		
		SP Moderate Brownish Yellow fine to coarse SAND, trace Gravel (Moist)		830	23		0.2		Root fragments, some gravel
2							11.2		
		SP Moderate Grayish Brown fine to coarse SAND, trace Gravel (Moist)					0.7		Brick fragments, with cobbles
3							0.1		
				867	25		0.2		
4							0.1		
5		***SP*** Yellowish Brown fine to coarse SAND (Moist)					6.3		Wood fragments
				203	16		0.6		Groundwater at 5.5 feet
6		***SP*** Moderate Yellowish Brown fine to medium SAND (Saturated)					0		
							2		
7		***SP*** Moderate Grayish Brown fine to medium SAND, trace Silt (Saturated)					0.9		Oil sheen, petroleum odor
				453	17		19.6		
8							178		
							980		
9							711		Oil sheen, petroleum odor
		SP Dark Grayish Brown fine to coarse SAND (Saturated)		7	4		1157		Note: No recovery was noted in the field notes.
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365972.757
Drilling Method: Geoprobe
Easting (NAD 83): 361870.643
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0089

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0089
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		112	9		0		Note: No recovery was noted in the field notes.
		GP Dark Grayish White GRAVEL (Dry) Gravel, concrete, asphalt					0		
1							0		
		SP Moderate Brownish Yellow fine to coarse SAND, trace Gravel, trace Silt (Moist)		53	13		0		
2							0		
		SW Moderate Reddish Brown fine to coarse SAND (Dry)					0		
3		***SP*** Moderate Yellowish Brown fine to coarse SAND, trace Gravel (Moist)					0		Brick fragments at 3'(approximately 1" thick)
				12	5		0		
4							0		
							0		
5		***SP*** Light Brownish Yellow fine to coarse SAND (Moist)					0		
				9	4		0		
6							0		
							0		
7		***SP*** Dark Brownish Gray fine to medium SAND (Saturated) .					0		
				5	4		0		Wood fragments
8							1.4		Groundwater at 7.5 feet
							1.7		
9							7.8		
				5	4		0		Wood fragments
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366034.825
Drilling Method: Geoprobe
Easting (NAD 83): 361861.618
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0090

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0090
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 9
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Light Grayish White GRAVEL (Dry) Concrete gravel, some asphalt		205	14		0		Note: No recovery was noted in the field notes.
							50.1		
1		***SP*** Moderate Brownish Gray fine to coarse SAND, trace Gravel (Dry)					441		
				115	10		211		
2							60.9		
							23.6		Some cobbles
		SP Dark Grayish Brown medium to coarse SAND, trace Gravel (Moist)							
3							9.9		
				358	20		4.1		
4		***SP*** Moderate Reddish Brown fine to coarse SAND (Saturated)					0		
							0		Groundwater at 4.5 feet
5							0		
				9	5		0		
6							0		
							0		
7							0		
				461	19		0		
8		***GP*** Moderate Red GRAVEL (Moist)							Red brick fragments
9		End of Borehole							
10									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366043.817
Drilling Method: Geoprobe
Easting (NAD 83): 361879.735
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0091

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0091
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 9
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Dark Grayish White GRAVEL (Dry)		255	15		0	0.0 - 0.5	AA-AB
							2.1		
1							350		Some gravel and brick fragments
		SP Moderate Brownish Gray fine to coarse SAND, trace Gravel (Moist)		201	15		20	1.5 - 2.0	AD-AE
2							135		
							263		
3							78.1		
				634	23		16.1	3.5 - 4.0	AH-AI
4							40.2		
							78.3		
5							44.6		
				52	12		170	5.5 - 6.0	AL-AM
6		***SP*** Moderate Yellowish Brown fine to coarse SAND, trace Gravel (Saturated)					13.8		Some asphalt at top of interval
							10.5		Groundwater at 6.5 feet
7							8.5		
				35	6		6.1	7.5 - 8.0	AP-AQ
8		***SP*** Dark Grayish Brown GRAVEL and fine to coarse SAND (Dry)					2.7		Concrete fragments
							1.3		A FID was not used to screen borehole MPSB0091.
9		End of Borehole							Note: No recovery was noted in the field notes.
10									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366066.476
Drilling Method: Geoprobe
Easting (NAD 83): 361886.891
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.5

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Log of Borehole: MPSB0092

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0092
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Dark Grayish White GRAVEL (Dry) Gravel, asphalt, concrete		202	15		0	0.0 - 0.5	AA-AB
							11.7		
1							30.4		
		SP Dark Moderate Brownish Gray-yellow fine to coarse SAND, trace Gravel (Moist)		244	15		230	1.5 - 2.0	AD-AE
2							382		
							639		Brick fragment at 2.5'
3							474		
				593	20		897	3.5 - 4.0	AH-AI
4							467		
							659		
5							517		
				1843	45		160	5.5 - 6.0	AL-AM
6							237		
							69.1		
7							20.4		Dark gravel at 7.0 ft.
		GP Grayish White-yellow GRAVEL, little medium Sand (Moist)		253	26		6.4	7.5 - 8.0	AP-AQ
8									Brick and concrete at 8.0 - 9.0'
9							19.3		Medium sand at 9.0-10.0 ft.
				11	5		4	9.5 - 10.0	AT-AU
10		End of Borehole							Note: No recovery was noted in the field notes. A FID was not used to screen borehole MPSB0092.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366086.78

Drilling Method: Geoprobe
Easting (NAD 83): 361888.229

Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>10'

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Log of Borehole: MPSB0093

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0093
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Moderate Grayish White GRAVEL (Dry)		136	11		0	0 - 0.5	AA-AB
							8.2		
1							65.9		
		SP Moderate Grayish Brown fine to coarse SAND, little Gravel (Moist)		192	28		369	1.5 - 2.0	AD-AE
2							538		
							1011		
3							516		
				239	15		1142	3.5 - 4.0	AH-AI
4							917		Concrete fragments at 4.0 and 4.5 ft.
							83.6		
5							943		
				617	46		155	5.5 - 6.0	AL-AM
6							83.6		Some gravel at 6.0 ft.
							30.4		Wood and concrete fragments at 6.5 ft.
7							14.2		
		GP Dark Grayish White GRAVEL, some fine to coarse Sand (Dry)		333	15		3.3	7.5 - 8.0	AP-AQ
8							6.1		
							11.9		
9							2.1		
				492	18		15.5	9.5 - 10.0	AT-AU Concrete and brick fragments with some sand at the bottom 3 inches.
10		End of Borehole							Note: No recovery was noted in the field notes. A FID was not used to screen borehole MPSB0093.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366075.63

Drilling Method: Geoprobe
Easting (NAD 83): 361889.302

Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>10'

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Phone: (732) 417-5800
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Log of Borehole: MPSB0094

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0094
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		38	9		0.5	0 - 0.5	AA-AB
		SM Light Brownish Gray fine to medium SAND, some Silt (Dry)					0.4		Some roots
1		***SP*** Moderate Yellowish Brown fine to coarse SAND, trace Gravel (Dry)					0		
				147	11		0	1.5 - 2.0	AD-AE
2							0		
							0		
3							40		
				1489	32		2.4	3.5 - 4.0	AH-AI Gravel at 3.5-4.0 ft.
4							0.4		
							0.1		Brick and concrete fragments at 4.5'
5		***SP*** Dark Grayish Brown fine to coarse SAND, trace Gravel (Moist)					35.1		
				225	14		1.2	5.5 - 6.0	AL-AM
6		***SP*** Moderate Brownish Yellow fine to coarse SAND, trace Gravel (Dry)					0.4		
							0		
7							0.1		
				115	10		0	7.5 - 8.0	AP-AQ
8							0		
							0		
9							0		
				173	12		0	9.5 - 10.0	AT-AU Bottom 5" red brick fragments and some fragments of concrete.
10		End of Borehole							Note: No recovery was noted in the field notes. A FID was not used to screen borehole MPSB0094.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366053.909
Drilling Method: Geoprobe
Easting (NAD 83): 361885.496
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered\>10'

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Log of Borehole: MPSB0095

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0095
Project Location: Gibbsboro, NJ
Date Completed: 8/23/2010
Total Depth (ft bgs): 10
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GP Moderate Grayish White GRAVEL (Dry) Concrete, asphalt. gravel		496	19		0	0 - 0.5	AA-AB
							11.1		
1							14.1		
		SP Moderate-dark Brownish Yellow fine to coarse SAND, trace Gravel (Moist)		732	23		114	1.5 - 2.0	AD-AE
2							3.7		
							2.1		Some asphalt at 2.5 ft.
3							0.4		
				522	19		0.1	3.5 - 4.0	AH-AI
4							0.8		
							1.4		Some asphalt at 4.5 ft.
5							1.8		
				200	16		8.9	5.5 - 6.0	AL-AM
6							0.3		
							0.3		
7							1.2		
		SP Moderate Brownish Grayish yellow fine to medium SAND (Saturated)		9	5		5.5	7.5 - 8.0	AP-AQ Groundwater at 7.5 ft.
8							1.6		
							5.6		
9							5.3		
				7	5		0.2	9.5 - 10.0	AT-AU
10		End of Borehole							Note: No recovery was noted in the field notes. A FID was not used to screen borehole MPSB0095.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366050.246
Drilling Method: Geoprobe
Easting (NAD 83): 361860.622
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0096

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0096

Project Location: Gibbsboro, NJ

Date Completed: 6/25/2012

Total Depth (ft bgs): 25

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
1		***SW*** Light Brown fine to coarse SAND, little Gravel (Dry)					0		
2							0		
3		***SW*** Reddish Yellow fine to coarse SAND (Moist)	3.5/5				0		
4							0		
5							0		
6							0		
7		***SW*** Reddish Yellow fine to medium SAND, trace Silt (Moist)	3.5/5				0		
8							0		
9							0		
10		***SW*** Reddish Yellow fine to medium SAND, trace Silt (Saturated)					0	10.5 - 11.5	AV-AX
11							0		
12		***SW*** Yellow fine to medium SAND, trace Silt (Saturated)	3/5				0		
13							0		
14							0		
15							0		
16							0		
17			4.5/5				0		
18		***SM*** Grayish Brown fine to medium SAND, little Silt (Moist)					0		
19							0		
20		***SW*** Grayish Brown fine to coarse SAND (Saturated)					0	20 - 20.5	BO-BP
21							0		
22			5/5				0		
23		***SW-SM*** Reddish Yellow fine to coarse SAND, little Silt (Saturated)					0		
24							0		
25		End of Borehole					0		
26									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366097.667

Drilling Method: Geoprobe

Easting (NAD 83): 362351.196

Sampling Method: Trowel

Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0097

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0097
Project Location: Gibbsboro, NJ
Date Completed: 6/26/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					6.2		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
0		***SW*** Light Brown fine to coarse SAND (Dry)					0.5		
1							8.3		
1		***SP*** Grayish Brown fine to coarse SAND (Dry) trace concrete debris					3.1		
2							9.5		
2			3/5				52.6		
3		***SP*** Brown fine to coarse SAND (Dry)					127		
3							110		
4		***SP*** Olive Brown fine to coarse SAND (Moist)					348		Petroleum Odor
4							248		
5		***SP-SM*** Reddish Yellow fine to coarse SAND, little Silt (Moist)					170		
5							380		
6							427		
6							127		
7		***SW-SM*** Reddish Yellow fine to coarse SAND, little Silt (Wet)					243		
7							158		
8			2.5/5				22		
8							175		
9							157		
9							119		
10		***SP-SM*** Grayish Brown and reddish yellow fine to medium SAND, little Silt (Saturated)					262	10 - 10.5	AU-AV
10							121		
11							117		
11							46		
12							20.9		
12			4/5				19.7		
13							29.8		
13							24.2		
14							19.3		
14							7.1		
15							66.3		
15							16		
16							4.6		
16							5.4		
17							84.9		
17			4.5/5				14.5		
18							8.1		
18							5.8		
19							3		
19							0.7	19.5 - 20	BN-BO
20		End of Borehole							A XRF and FID were not used to screen borehole MPSB0097.
21									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365941.341

Drilling Method: Geoprobe
Easting (NAD 83): 362289.451

Sampling Method: Trowel
Depth to Watertable (ft bgs): 10

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0098

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0098

Project Location: Gibbsboro, NJ

Date Completed: 6/27/2012

Total Depth (ft bgs): 25

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					14.5		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
1		***GW*** Dark Gray GRAVEL (Dry) (Dense) Asphalt and base coarse					23.3		
2		***SM*** Dark Gray fine to coarse SAND, little Silt (Moist)	3/5				18.2		
3							13.8		
4		***SM*** Yellowish Brown fine to coarse SAND, little Silt (Moist)					45.6		
5							13.1		
6		***SM*** Light Brown fine SAND, little Silt, little Gravel (Moist)					87.9		
7							94.1		
8		***SM*** Reddish Yellow alternating with gray < 4 mm bands fine SAND, little Silt (Moist)	3/5				109		
9							45.7		
10							146		
11							198		
12							88		
13		***SM*** Gray fine SAND, little Silt (Moist)	3.5/5				259		
14							236		
15		***SM*** Reddish Yellow and Gray fine SAND, little Silt (Moist)					93.3		
16							29.7		
17		***SM*** Reddish Yellow and Gray fine SAND, some Silt, trace Clay (Saturated)	4/5				25.4		
18							69.9		
19		***SM*** Reddish Yellow alternating Gray bands fine SAND, little Silt (Saturated)					62.3		
20							138		
21							113		
22							268		
23			5/5				497		
24							863		
25							300		
26		End of Borehole					175		
							121		
							146		
							477	15 - 16	BE-BG
							266		
							680		
							514		
							202		
							23.5		
							72		
							121		
							28.9		
							12.7		
							270		
							37.9		
							499		
							38.1		
							71		
							120		
							35		
							15.9		
							10.8		
							8.3	24.5 - 25	BX-BY
									A XRF and FID were not used to screen borehole MPSB0098.

Drilling Subcontractor: ECDI

Northing (NAD 83): 365764.782

Drilling Method: Geoprobe

Easting (NAD 83): 362293.827

Sampling Method: Trowel

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0099

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0099

Project Location: Gibbsboro, NJ

Date Completed: 7/2/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Light Brown GRAVEL and fine to coarse SAND (Dry)					0		
1		***SP*** Light Grayish Brown fine to coarse SAND, little Gravel (Dry)					0.9		
							1.4		
2							0.5		
			4/5				1.6		
3		***SM*** Light Brown fine to coarse SAND, little Silt, trace Clay (Moist)					1.4		
							7.1		
4		***SP*** Light Grayish Brown fine to coarse SAND, little Gravel (Dry) trace crushed brick					1.4		
							2.4		
5							127		
		SP Light Brown fine to coarse SAND (Dry)					50.2		
6							375		
		SP-SM Light Grayish Brown fine to medium SAND, little Silt (Dry)					70.2		
7							323		
			3/5				328		
8		***SP-SM*** Yellowish Brown fine to medium SAND, little Silt (Moist)					173		
							315		
9							176		
							436		
10							528	10 - 10.5	AU-AV
		SM Light Grayish Brown fine to coarse SAND, some Silt (Moist)					487		
11							407		
							352		
12		***SW-SM*** Light Grayish Brown fine to coarse SAND, little Silt (Wet)					298		Groundwater at 12'
			2.5/5				170		
13		***SM*** Light Grayish Brown fine to coarse SAND, some Silt (Saturated)					334		
							168		
14							79.2		
							292		
15							20.7		
							17.7		
16							16.3		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365966.323

Drilling Method: Geoprobe

Easting (NAD 83): 362366.038

Sampling Method: Trowel

Depth to Watertable (ft bgs): 12

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0099

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0099

Project Location: Gibbsboro, NJ

Date Completed: 7/2/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17							20.3		
							18.6		
			4.5/5				10.7		
18							14		
							10		
19							7.4		
							10.6	19.5 - 20	BN-BO
20							3.7		
							4.9		
21							2.9		
							2.8		
22							2.6		
			5/5				2.3		
23		***SM*** Yellowish Orange fine to coarse SAND, some Silt (Saturated)					2.6		
							3.4		
24							2.4		
							1.7		
25							1.6		
							1.6		
26							1.4		
							1.4		
27							1.6		
			2/5				1.6		
28							2.6		
							2.6		
29							1.5		
							1.5	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0099. A FID was not used to screen borehole MPSB0099.
31									
32									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365966.323

Drilling Method: Geoprobe

Easting (NAD 83): 362366.038

Sampling Method: Trowel

Depth to Watertable (ft bgs): 12

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Phone: (732) 417-5800
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Log of Borehole: MPSB0100

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0100

Project Location: Gibbsboro, NJ

Date Completed: 7/5/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Dark Gray GRAVEL (Dry) Asphalt and base coarse					4.3		
1		***SP*** Dark Brown fine to coarse SAND (Dry)					4.8		
		SW Brown fine to coarse SAND (Dry)					67.4		
2							20.2		
		SP-SM Light Brown with layers of Grayish Brown fine to coarse SAND, little Silt (Dry)	3.5/5				33.8		
3							25.8		
							27.3		
4							106		
							134		
5							11.9		
							19.1		
6		***SP-SM*** Pale Brown and Yellowish Orange fine to coarse SAND, little Silt (Moist)					44.2		
							35.3		
7							40.2		
			3.5/5				21.9		
8							19.3		
							25.3		
9							37.8		
							337		
10							58.6		
							61.7		
		SP-SM Grayish Brown fine to coarse SAND, little Silt (Moist)					129		Odor
11							472		
		SW-SM Light Brown and Orangish Yellow fine to coarse SAND, little Silt (Moist)					486		
12			3.5/5				562		
		SP-SM Grayish Brown and Orangish Brown fine to medium SAND, little Silt (Saturated)					581		
13							544		Groundwater at 13.5'
							588		
14							479		
							613		
15							129		
							733		
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365735.799

Drilling Method: Geoprobe

Easting (NAD 83): 362256.039

Sampling Method: Trowel

Depth to Watertable (ft bgs): 13.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0100

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0100

Project Location: Gibbsboro, NJ

Date Completed: 7/5/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17			5/5				304		
							380		
18							411		
							559		
19							162		
							160		
							46.1	19.5 - 20	BN-BO
20							192		
							161		
21							54.2		
							32.8		
22		***SM*** Yellowish Orange fine to medium SAND, some Silt (Saturated)					7.2		
			5/5				12.6		
23							1.1		
							0		
24							0		
							0		
25							0		
							0		
26							0		
							0		
27							0		
			1.5/5				0		
28							0		
							0		
29							0		
							0	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0100. A FID was not used to screen borehole MPSB0100.
31									
32									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365735.799

Drilling Method: Geoprobe

Easting (NAD 83): 362256.039

Sampling Method: Trowel

Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0101

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0101
Project Location: Gibbsboro, NJ
Date Completed: 7/9/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Light Brown fine to coarse SAND (Dry)					2.7		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
1							1.7		
							1.1		
							0.4		
2							0.8		Trace concrete and brick debris
			3/5				0.6		
		SW Light Brown fine to coarse SAND (Moist)					1		
3							0.4		
							0.7		
4							0		
							0		
5							0		
							0		
6		***SM*** Light Grayish Brown fine to medium SAND, some Silt (Saturated)					0	6.0 - 7.0	AM-AO; Groundwater at 6'
							0		
7							0		
			4/5				0		
8							0		
							0		
9		***SM*** Dark Gray fine to medium SAND, some Silt (Saturated)					0		Odor
							0		
10		***SM*** Olive Brown fine to medium SAND, some Silt (Saturated)					0		
							0		
11							0		Odor
							0		
12							0		
			5/5				0		
13		***SM*** Olive Brown and Dark Gray fine to medium SAND, some Silt (Saturated)					0		
							0		
14							0		Odor
							0		
15							0		
		SM Dark Gray fine to medium SAND, some Silt (Moist)					0	15.5 - 16	BF-BG
16							0		Some coarse sand from 16-17'

Drilling Subcontractor: ECDI
Northing (NAD 83): 365154.016
Drilling Method: Geoprobe
Easting (NAD 83): 361454.357
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0101

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0101

Project Location: Gibbsboro, NJ

Date Completed: 7/9/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17							0		
							0		
			5/5				0		
18							0		Odor
							0		
19							0		
							0	19.5 - 20	BN-BO
20							0		
							0		
21							0		
							0		
22							0		
			4/5				0		
23							0		
							0		
24							0		
							0		
25							0		
							0		
26							0		
							0		
27		***SM*** Dark Gray and Olive Brown fine SAND, some Silt, some Clay (Saturated)					0		
			4/5				0		
28							0		
							0		
29							0		
							0		
30		End of Borehole							A XRF was not used to screen borehole MPSB0101. A FID was not used to screen borehole MPSB0101.
31									
32									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365154.016

Drilling Method: Geoprobe

Easting (NAD 83): 361454.357

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0102

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0102

Project Location: Gibbsboro, NJ

Date Completed: 7/10/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SW-SM Light Pale Brown and Tan fine to coarse SAND, little Gravel, little Organics (Dry)					0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
1							0		
2							0		
			2.5/5				0		
3		***OL/OH*** Dark Gray ORGANICS and fine to coarse SAND, little Clay (Moist)					0		
							0		
4		***SM*** Olive Gray fine to coarse SAND, little Silt, little Organics (Wet)					0	4.0 - 5.0	AI-AK; Groundwater at 4'
							0		
5		***SM*** Olive Gray fine to coarse SAND, little Silt, little Organics (Saturated)					0		
							0		
6							0		
							0		
7		***SM*** Olive Gray fine to medium SAND, some Silt (Saturated)					0		
			3.5/5				0		
8							0		
							0		
9							0		
							0		
10		***SM*** Yellowish Orange fine to medium SAND, some Silt (Saturated)					0		
							0		
11							0		
							0		
12							0		
			3.5/5				0		
13							0	13 - 13.5	BA-BB
							0		
14							0		
							0		
15		***SM*** Olive Gray fine to medium SAND, some Silt (Saturated)					0		
							0		
16							0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365144.965

Drilling Method: Geoprobe

Easting (NAD 83): 361294.436

Sampling Method: Trowel

Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0102

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0102

Project Location: Gibbsboro, NJ

Date Completed: 7/10/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17							0		
							0		
18			3/5				0		
							0		
19							0		
							0	19.5 - 20	BN-BO
20							0		
							0		
21							0		
							0		
22		***SM*** Olive Brown fine SAND, some Silt, little Clay (Saturated)					0		
			3/5				0		
23							0		
							0		
24							0		
							0		
25							0		
							0		
26							0		
							0		
27							0		
			2.5/5				0		
28		***SM*** Yellowish Orange fine SAND, some Silt (Moist)					0		
							0		
29							0		
							0		
30		End of Borehole							A XRF was not used to screen borehole MPSB0102. A FID was not used to screen borehole MPSB0102.
31									
32									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365144.965

Drilling Method: Geoprobe

Easting (NAD 83): 361294.436

Sampling Method: Trowel

Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0103

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0103
Project Location: Gibbsboro, NJ
Date Completed: 7/11/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Light Brown and Yellowish Brown fine to coarse SAND, little Gravel, trace Organics (Dry)		0		
1				0		
				0		
2				0		Trace greenish blue fine sand
			3/5	0		
3		***SW*** Grayish Brown fine to coarse SAND (Moist)		0		
				0		
4				0		
				0		
5				0		
		SW-SM Light Brown fine to coarse SAND, little Organics (Dry)		0		
6				0		
		SW Olive Brown fine to coarse SAND (Wet)		0	6.5 - 7.5	AN-AP; Groundwater at 6.5'
7		***SW-SM*** Olive Brown fine to coarse SAND, little Silt (Saturated)		0		
			3.5/5	0		Odor
8				0		
		SM Light Bluish Gray and Light Brown fine to medium SAND, some Silt (Saturated)		0		
9				0		
				0		
10				0		
		SM Dark Grayish Brown fine to medium SAND, some Silt (Saturated)		0		
11				0		
				0		
12				0		
			3/5	0		
13				0		
				0		
14				0		
		SM Dark Olive Brown fine to medium SAND, some Silt (Saturated)		0		
15				0		
				0		
16				0	16 - 16.5	BG-BH

Drilling Subcontractor: ECDI
Northing (NAD 83): 365224.59
Drilling Method: Geoprobe
Easting (NAD 83): 361443.49
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.5

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Log of Borehole: MPSB0103

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0103
Project Location: Gibbsboro, NJ
Date Completed: 7/11/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
17				0		
				0		
			2.5/5	0		
18				0		
		SM Dark Grayish Brown fine SAND, some Silt, little Clay (Saturated)		0		
19				0		
				0	19.5 - 20	BN-BO
20				0		
				0		
21				0		
				0		
22				0		
			2.5/5	0		
23				0		
				0		
24				0		
				0		
25				0		
				0		
26				0		
				0		
27				0		
			3/5	0		
28				0		
		SM Olive Brown fine SAND, some Silt (Wet)		0		
29				0		
				0		
30						
		End of Borehole				
31						
32						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365224.59
Drilling Method: Geoprobe
Easting (NAD 83): 361443.49
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6.5

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Log of Borehole: MPSB0104

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0104

Project Location: Gibbsboro, NJ

Date Completed: 7/16/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Brown fine to coarse SAND, little Gravel (Dry)		0		
1		***SW*** Light Brown fine to coarse SAND (Dry)		0		
				0		
2				0		
			3/5	0		
3				0		
				0		
4		***SP-SM*** Greenish Blue and Tan fine to coarse SAND, little Silt (Moist)		0		
				0		
5				0		
				0		
6		***SW-SM*** Brown fine to coarse SAND, little Organics (Moist)		0		
				0		
7		***SW-SM*** Grayish Brown fine to coarse SAND, little Silt (Wet)		0		Odor
			4/5	0		
8		***SW-SM*** Light Grayish Brown fine to medium SAND, little Silt (Saturated)		0		
				0	8.5 - 9.5	AR-AT; Groundwater at 8.5'
9		***SW-SM*** Yellowish Orange and Grayish Brown fine to medium SAND, little Silt (Saturated)		0		
				0		Odor
10		***SM*** Black fine SAND, some Silt (Saturated)		0		
				0		
11		***SW*** Grayish Brown fine to coarse SAND (Saturated)		0		Odor
				0		
12		***SM*** Yellowish Orange and Light Yellowish Orange fine to medium SAND, some Silt (Saturated)		0		Odor
			4.5/5	0		
13		***SM*** Light Grayish Brown fine to medium SAND, some Silt (Saturated)		0		Odor
				0		
14		***SM*** Grayish Brown fine SAND, some Silt (Wet)		0		Odor
				0		
15		***SM*** Grayish Brown fine SAND, some Silt (Saturated)		0		
				0		
16				0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365205.014

Drilling Method: Geoprobe

Easting (NAD 83): 361540.561

Sampling Method: Trowel

Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0104

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 30

Borehole Completed As: MPSB0104
Date Completed: 7/16/2012
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
17				0		
				0		
			5/5	0		
18				0		Odor
				0		
19				0		
				0	19.5 - 20	BN-BO
20				0		
				0		
21				0		
		SM Yellowish Orange and Grayish Brown fine SAND, some Silt (Saturated)		0		Odor
22				0		
		SM Light Grayish Brown fine SAND, some Silt (Saturated)	4.5/5	0		
23				0		
				0		
24		***SM*** Dark Grayish Brown fine SAND, some Silt (Saturated)		0		
				0		
25				0		
				0		
26				0		Odor
				0		
27				0		
			3.5/5	0		
28				0		
				0		
29				0		
		SM Light Grayish Brown fine SAND, some Silt, little Clay (Wet)		0		
30		End of Borehole				
31						
32						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365205.014
Easting (NAD 83): 361540.561
Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0105

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0105

Project Location: Gibbsboro, NJ

Date Completed: 7/18/2012

Total Depth (ft bgs): 20

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		3.4		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL (Dry) (Very Dense) Asphalt and base coarse		5.3		
1				5.1		
		SW Brown fine to coarse SAND (Dry)		5.7		
2				4.9		
		SW Brown fine to coarse SAND (Moist)	3/5	5.5		
3				40.5		
		SW Dark Brown and Black fine to coarse SAND (Moist)		26.2		
4				155		
5		***SW*** Dark Brown and Black fine to coarse SAND (Moist)		10.6		
				4.5		
6				5.5	6 - 7	AM-AO; Groundwater at 6'
		SW Brown fine to coarse SAND (Moist)		4.9		Some concrete debris
7				4.6		
		SW Dark Grayish Brown fine to coarse SAND (Saturated)	4.5/5	4.2		
8				3.8		
				8.7		
9		***SM*** Yellowish Orange fine to medium SAND, some Silt (Saturated)		4.1		
				3.9		
10				0		
				0		
11				0		
				0		
12				0		
			1/5	0		
13				0		
				0		
14				0		
				0		
15				0		
				0	15.5 - 16	BF-BG
16				0		
				0		
17				0		
			4.5/5	0		
18				0		
				0		
19				0		
				0		
20		End of Borehole				
21						

Drilling Subcontractor: ECDI

Northing (NAD 83): 361670.703

Drilling Method: Geoprobe

Easting (NAD 83): 366037.066

Sampling Method: Trowel

Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0106

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0106
Project Location: Gibbsboro, NJ
Date Completed: 7/18/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Black GRAVEL (Dry) (Very Dense) Asphalt and base coarse		0		
1		***SW*** Brown fine to coarse SAND, little Gravel (Dry)		0		
				0		
2				0		
			3.5/5	0		
3		***SW*** Light Pale Yellowish Brown fine to coarse SAND, little Gravel (Dry)		0		
				0		
4				0		
				0		
5		***SW-SM*** Yellowish Orange fine to medium SAND, little Silt (Moist)		0		
				0		
6				0		
				0		
7				0		
			3.5/5	0		
8		***SW-SM*** Yellowish Brown fine to medium SAND, little Silt (Moist)		0		
				0		
9				0		
				0		
10				18.9		
				290		
11				312		
				229		
12		***SW-SM*** Light Grayish Brown fine to medium SAND, little Silt (Moist)		310		
			3.5/5	50.1		
13				261		Petroleum Odor
		SM Light Grayish Brown fine SAND, some Silt (Saturated)		240		Groundwater at 13.5'
14				36.7		
				24.6		
15				78.3		
				29.1		
16				25.7		

Drilling Subcontractor: ECDI
Northing (NAD 83): 362117.678
Drilling Method: Geoprobe
Easting (NAD 83): 365552.478
Sampling Method: Trowel
Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0106

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0106
Project Location: Gibbsboro, NJ
Date Completed: 7/18/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
				14.9		
17		***SM*** Light Yellowish Brown fine SAND, some Silt (Saturated)		12.2		
			4/5	12.5		
18				12.9		
				8.9		
19				6.1		
				6.9	19.5 - 20	BN-BO
20				0		
				0		
21				0		
				0		
22				0		
		SM Yellowish Orange fine SAND, some Silt (Saturated)	3/5	0		
23				0		
				0		
24				0		
				0		
25				0		
				0		
26				0		
				0		
27		***SM*** Yellowish Orange fine SAND, some Silt, little Clay (Saturated)		0		
			4/5	0		
28				0		
				0		
29				0		
				0	29.5 - 30	CH-CI
30		End of Borehole				
31						
32						

Drilling Subcontractor: ECDI
Northing (NAD 83): 362117.678
Drilling Method: Geoprobe
Easting (NAD 83): 365552.478
Sampling Method: Trowel
Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0107

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0107
Project Location: Gibbsboro, NJ
Date Completed: 7/23/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				20	56		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL (Dry) (Very Dense) Asphalt and base coarse					56		
1						176	70		
		SW Dark Grayish Brown fine to coarse SAND (Dry)					70		
2						2200	173		Trace slag, some concrete debris
			2/5				173		
3						2400	363		
							363		
4						25	406		
							406		
5						689	353		
		SW Dark Grayish Brown fine to medium SAND (Moist)				284	223		Petroleum Odor
6						2784	257	6 - 6.5	AM-AN
						20	101		
7		***SM*** Olive Brown and Blueish Gray fine to medium SAND, little Silt (Wet)				18.4	8.8	7 - 8	AO-AQ; Groundwater at 7'
			5/5			18	0		
8		***SM*** Olive Brown and Blueish Gray fine to medium SAND, little Silt (Saturated)				9.2	0		
						8.3	0		
9		***SM*** Yellowish Brown fine to medium SAND, little Silt (Saturated)				34	0		
						8.7	0		
10						2.8	0		
						2.6	0		
11						3.1	0		
						3.1	0		
12						3.8	0		
			4.5/5			3.1	0		
13						3.3	0		
						2.8	0		
14						8.8	0		
						5.2	0		
15						0	0		
		SM Yellowish Brown fine SAND, some Silt (Saturated)					0		
16							0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 361949.179

Drilling Method: Geoprobe
Easting (NAD 83): 365742.57

Sampling Method: Trowel
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0107

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0107
Project Location: Gibbsboro, NJ
Date Completed: 7/23/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17							0	16.5 - 17	BH-BI
							0		
			3.5/5				0		
18							0		
							0		
19						12	0		
						0	0	19.5 - 20	BN-BO
20							0		
							0		
21							0		
							0		
22							0		
			3.5/5				0		
23							0		
							0		
24							0		
							0		
25		***SM*** Yellowish Orange fine SAND, some Silt, little Clay (Wet)					0		
							0		
26							0		
							0		
27							0		
			3.5/5				0		
28							0		
							0		
29							0		
							0	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0107
31									
32									

Drilling Subcontractor: ECDI
Northing (NAD 83): 361949.179
Drilling Method: Geoprobe
Easting (NAD 83): 365742.57
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0108

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0108

Project Location: Gibbsboro, NJ

Date Completed: 7/25/2012

Total Depth (ft bgs): 15

Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				100.3	0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL (Dry) (Dense) asphalt and base coarse				127.6	0		
1						406.9	22		
		SW Olive Gray fine to coarse SAND, little Gravel (Dry)				201.3	13.3		
2						18.6	3.8		Trace brick debris
			3/5			95.4	3.5		
3		***SW*** Dark Gray fine to coarse SAND, little Gravel (Moist)				633.9	159	3 - 3.5	AG-AH; Petroleum odor observed at 3.0-3.5'
						105.8	410		Trace brick debris and concrete
4						7.7	97.7		
						3.4	3.3		
5		***SW-SM*** Bluish Gray and yellowish brown fine to medium SAND, little Silt (Saturated)				2.9	14.6	5 - 6	AK-AM; Groundwater at 5'
						0	0		
6							0		
							0		
7		***SW-SM*** Yellowish Brown fine to medium SAND, little Silt (Saturated)					0		
			4/5				0		
8							0		
							0		
9							0		
							0		
10							0		
							0		
11							0		
							0		
12							0		
			4/5				0		
13		***SW-SM*** Yellowish Brown fine SAND, little Silt (Saturated)					0		
							0		
14							0	14 - 14.5	BC-BD
							0		
15		End of Borehole							A XRF was not used to screen borehole MPSB0108.
16									

Drilling Subcontractor: ECDI

Northing (NAD 83): 362038.796

Drilling Method: Geoprobe

Easting (NAD 83): 365875.536

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0109

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0109
Project Location: Gibbsboro, NJ
Date Completed: 7/26/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Light Brown fine to coarse SAND (Dry)					0		
		FL Concrete							
1		***SW*** Brown fine to coarse SAND (Dry)					0		
		SW Yellowish Brown fine to coarse SAND (Dry)					0		
2							0		
			4/5				0		
3		***SW-SM*** Black fine to coarse SAND, little Silt (Moist)				1636	17.4		Strong petroleum odor
						413	7.7		Trace brick debris
4						61.1	2.4		
						2361	35.9		
5						501.4	115		
						126.5	12.2		
6		***SM*** Yellowish Brown fine SAND, some Silt (Moist)				1558	190		
		SM Light Olive Brown fine SAND, some Silt (Wet)				1143	312		Petroleum Odor
7						457.7	135		Some petroleum discoloration
			5/5			2553	364	7.5 - 8.5	AP-AR; Groundwater at 7.5'
		SM Yellowish Brown fine SAND, some Silt (Saturated)				65	16.9		
8						10	8.9		
9						28.2	7.6		
						21.8	5.8		
10						209	3.2		
		SM Olive Brown fine SAND, some Silt (Saturated)				176.3	11.5		
11						540.5	4.7		

Drilling Subcontractor: ECDI
Northing (NAD 83): 361806.497
Drilling Method: Geoprobe
Easting (NAD 83): 365251.775
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0109

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0109
Project Location: Gibbsboro, NJ
Date Completed: 7/26/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
12						302.7	2.5		
						43.3	2.5		
			4.5/5			104.3	4.1		
13						10.1	2.5		Alternating orangish yellow 1 mm bands of clay
		SM Light Grayish Brown fine SAND, some Silt (Wet)				0	0		
14		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)					0		
							0		
15							0		
							0		
16							0		
							0		
17							0	17 - 17.5	BI-BJ
			2.5/5				0		
18							0		
							0		
19		***SM*** Yellowish Orange fine SAND, some Silt (Wet)					0		A XRF was not used to screen borehole MPSB0109.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI
Northing (NAD 83): 361806.497
Drilling Method: Geoprobe
Easting (NAD 83): 365251.775
Sampling Method: Trowel
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0110

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0110
Project Location: Gibbsboro, NJ
Date Completed: 7/30/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				154.6	123		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Dark Gray GRAVEL (Dry) (Dense) Asphalt and base coarse				157.4	79.6		
1						1633	277		
						5883	451		
		SW Light Brown fine to coarse SAND (Moist)					476	2 - 2.5	AE-AF
2		***SW*** Black fine to coarse SAND (Moist)	4.5/5				401		Trace slag and brick
						2917	414		Strong petroleum odor
3						804.1	113		
		SW Brown fine to coarse SAND (Wet)				544.2	55.6		Groundwater at 4.0'
4		***SM*** Yellowish Brown fine to medium SAND, some Silt (Saturated)				90.5	37.9		
						99.2	9.4		
5						304.1	10.6		
						385	11.3		
6						8.6	11.7		
						26.1	15		
7			4/5			42.1	16.6		
						19.1	21.9		
8						66.2	20.2		
						18.2	21.8		
9						66.7	28.9		
						20.7	17.8		
10						41.9	11.2		
						25.1	12.3		
11						14.1	10.1		
						30.5	7.6		
12			5/5			13.1	6.7		
							5.4		
13						14.5	4.6		
						8.9	3.9		
14						171.5	4.1		
						13.8	3.4		
15							3.4		
						58.1	8.9		
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365624.06
Drilling Method: Geoprobe
Easting (NAD 83): 361839.681
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0110

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0110
Project Location: Gibbsboro, NJ
Date Completed: 7/30/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17						48.1	8.9 3.6		
			2.5/5				3.6		
18						34.1	5.5		
		SM Reddish Orange fine SAND, some Silt, little Clay (Wet)					5.5		
19						52.4	3.1		
							3.1	19.5 - 20	BN-BO
20						38.2	3.2		
							3.2		
21						14.5	1.6		
							1.6		
22						13.6	0.7		
			3/5				0.7		
23		***SM*** Grayish Brown fine SAND, some Silt, little Clay (Wet)				343	4.2		
							4.2		
24						222.9	3		
							3		
25						21.8	3.2		
						13.7	1.4		
26						34.4	1.5		
		SM Grayish Brown fine SAND, some Silt, little Clay (Moist)				58.7	1.5		
27						59	2.6		
			3/5			77.7	6.9		
28						301.6	11.9		
						531.4	12.5		
29						450.3	5.5		
						123.7	12.3	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0110.
31									
32									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365624.06
Drilling Method: Geoprobe
Easting (NAD 83): 361839.681
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0111

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0111
Project Location: Gibbsboro, NJ
Date Completed: 7/31/2012
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		FL Gray GRAVEL (Dry) (Dense) Asphalt and base coarse				3.3	0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Brownish Orange fine to coarse SAND, some Gravel (Moist)				13.5	2.6		
1						38.1	12.3		
		FL Fill: Ash, asphalt and concrete debris				15	5.8		
2		***SW*** Light Pale Brownish Yellow fine to coarse SAND (Moist)				1236	244		Trace brick
		FL Fill: Ash, asphalt and concrete debris	4/5			2156	354		Petroleum Odor
3		***SW-SM*** Dark Grayish Brown fine to medium SAND, little Silt (Moist)				576.4	391		Petroleum Odor
		SP Brown fine to coarse SAND (Moist)				39.4	87.8		
4		***SW*** Grayish Brown fine to coarse SAND (Wet)				1218	392	4 - 5	AI-AK; Groundwater at 4.0'
		SW Brown fine to coarse SAND (Wet)				121.6	33.4		
5		***SW*** Tan fine to coarse SAND (Saturated)				63	168		
						87.3	12		
6		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)				63.3	0		
						8.1	0		
7						1.7	0		
			4/5			1.5	0		
8						1.5	0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365693.273

Drilling Method: Geoprobe
Easting (NAD 83): 361776.081

Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0111

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0111
Project Location: Gibbsboro, NJ
Date Completed: 7/31/2012
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
9		***SM*** Yellowish Brown and Bluish Gray fine SAND, some Silt (Saturated)				5.6 0 4.2	0 0 0		
10						2.4	0		
11		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)					0 0		
12						0	0		
13			3/5				0 0		
14						2.4	0	13.5 - 14	BB-BC
15		***SM*** Yellowish Brown fine SAND, some Silt (Wet)				9.2 0	0 0		A XRF was not used to screen borehole MPSB0111.
16		End of Borehole							

Drilling Subcontractor: ECDI
Northing (NAD 83): 365693.273
Drilling Method: Geoprobe
Easting (NAD 83): 361776.081
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0112

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0112

Project Location: Gibbsboro, NJ

Date Completed: 8/1/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				7.5	0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse				139.4	0		
1		***SW*** Grayish Brown fine to coarse SAND, little Gravel (Moist)				95.2	0		
						40.1	1.7		
2						165.3	2.9		Some concrete and brick debris
		FL Fill: Concrete	4/5			339.6	0		
3		***SW*** Grayish Brown and Olive fine to coarse SAND, little Gravel (Moist)				112.8	1.5		
						24.7	1.2		
4						11.4	0		
		SP Grayish Brown fine to coarse SAND (Moist)				1.8	0		
5						0	0	5 - 6	AK-AM; Groundwater at 5'
		SM Light Grayish Brown fine to medium SAND, some Silt (Wet)					0		
6							0		
		SM Grayish Brown fine to medium SAND, little Silt (Saturated)					0		
7						1.2	0		
		SM Light Grayish Brown fine to medium SAND, little Silt (Saturated)	5/5			0	0		
8							0		
		SM Yellowish Orange fine SAND, some Silt (Saturated)					0		
9							0		
							0		
10							0		
							0		
11							0		
							0		
12							0		
			3/5				0		
13							0		
							0		
14							0		
		SM Yellowish Orange and Blueish Gray fine SAND, little Silt, little Clay (Saturated)					0	14.5 - 15	BD-BE
15							0		
		SM Yellowish Orange fine SAND, some Silt (Saturated)					0		
16							0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365781.971

Drilling Method: Geoprobe

Easting (NAD 83): 361645.843

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0112

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0112
Project Location: Gibbsboro, NJ
Date Completed: 8/1/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17							0		
							0		
			4/5				0		
18							0		
							0		
19							0		
							0	19.5 - 20	BN-BO
20							0		
							0		
21							0		
							0		
22							0		
			3.5/5				0		
23							0		
		SM Grayish Brown fine SAND, some Silt, little Clay (Wet)					0		
24							0		
							0		
25							0		
							0		
26							0		
							0		
27							0		
			2/5				0		
28							0		
							0		
29							0		
							0	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0112.
31									
32									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365781.971

Drilling Method: Geoprobe
Easting (NAD 83): 361645.843

Sampling Method: Trowel
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0113

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0113
Project Location: Gibbsboro, NJ
Date Completed: 8/6/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW Yellowish Brown fine to coarse SAND (Moist)		0		
1				0		
				0		
2				0		
			4/5	0		
3				0		
				0		
4				0		
				0		
5				0		
				0		
6				0		
				0		
7				0		
		SM Light Grayish Brown and Yellowish Brown fine SAND, some Silt (Wet)	2.5/5	0		
8		***SM*** Light Grayish Brown and Yellowish Brown fine SAND, some Silt (Saturated)		0		Groundwater at 8.0'
				0		
9				0		
				0		
10				0		
				0		
11				0		
				0		
12				0		
			5/5	0		
13				0		
				0		
14				0		
		SM Bluish Gray fine SAND, some Silt (Saturated)		0		
15		***SM*** Grayish Brown and Yellowish Brown fine SAND, some Silt (Saturated)		0		
				0		
16				0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365274.274

Drilling Method: Geoprobe
Easting (NAD 83): 361742.664

Sampling Method: Trowel
Depth to Watertable (ft bgs): 8

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Log of Borehole: MPSB0113

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0113
Project Location: Gibbsboro, NJ
Date Completed: 8/6/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
17		***SM*** Yellowish Orange fine SAND, some Silt (Saturated)		0		
				0		
			4/5	0		
18				0		
				0		
19				0		
				0	19.5 - 20	BN-BO
20				0		
				0		
21				0		
				0		
22				0		
			3.5/5	0		
23				0		
				0		
24				0		
				0		
25				0		
				0		
26				0		
				0		
27		***SM*** Yellowish Orange fine SAND, little Silt, little Clay (Saturated)		0		
			4/5	0		
28				0		
				0		
29		***SM*** Bluish Gray fine SAND, some Silt (Wet)		0		
				0	29.5 - 30	CH-CI
30		End of Borehole				
31						
32						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365274.274
Drilling Method: Geoprobe
Easting (NAD 83): 361742.664
Sampling Method: Trowel
Depth to Watertable (ft bgs): 8

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Log of Borehole: MPSB0114

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0114

Project Location: Gibbsboro, NJ

Date Completed: 9/5/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SW-SM Brown fine to coarse SAND, little Organics (Moist)		0		
1				0		
		SW Brown and Black fine to coarse SAND (Moist) some slag		0		
2				0		
		SW Light Brown medium to coarse SAND, some Gravel (Moist)	3.5/5	0		
3				0		
		SP Yellowish Orange fine to coarse SAND (Moist)		0		
4				0		
				0		
5		***SW*** Yellowish Orange fine to medium SAND (Moist)		0		
				0		
6				0		
				0		
7				0		
			3/5	0		
8		***SW*** Yellowish Orange fine to medium SAND (Wet)		0		
				2.3		
9		***SM*** Yellowish Orange and Grayish Brown fine SAND, some Silt (Moist)		0		
				0		
10				0		
				0		
11				22.6		
				25.5		
12				58.5		
			3/5	114		
13				115		
				43.8		
14				156		
				207		Petroleum Odor
15		***SM*** Olive Brown fine SAND, some Silt (Wet)		39.8		
				40.1		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365619.186

Drilling Method: Geoprobe

Easting (NAD 83): 362202.668

Sampling Method: Trowel

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0114

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0114
Project Location: Gibbsboro, NJ
Date Completed: 9/5/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
16				53.2		Petroleum Odor; Groundwater at 16.0'
				106	16.5-17.5	BH-BJ
17		***SM*** Olive Brown fine SAND, some Silt (Saturated)		48		
			3/5	173		
18		***SM*** Pale Yellowish Brown fine SAND, some Silt (Saturated)		31.6		
				26.5		
19				22.6		
				22.6		
20				25.8		
				16		
21				13.9		
				12.3		
22				11.5		
			5/5	15.8		
23				13.5		
				9.8		
24				15.6		
				8.5		
25				25.9		
				35.7	25.5 - 26	BZ-CA
26				12.4		
				9.8		
27				11.3		
			5/5	9.2		
28				5.9		
				5.8		
29		***SM*** Yellowish Orange fine SAND, some Silt, little Clay (Saturated)		4.8		
				8.5		
30		End of Borehole				
31						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365619.186
Drilling Method: Geoprobe
Easting (NAD 83): 362202.668
Sampling Method: Trowel
Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0115

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0115
Date Completed: 9/6/2012
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
0–3		***SW*** Light Brown fine to coarse SAND, little Gravel (Moist)	2.5/5	0 0 0 0 0 0 0		
3–5		***SM*** Yellowish Orange and Blueish Gray fine SAND, some Silt (Wet)		0 0 0 0 0 0		
5–6		***SM*** Bluish Gray fine SAND, some Silt (Moist)		0 0		
6–7		***SM*** Bluish Gray fine SAND, some Silt (Saturated)		0 0 0	6 - 7	AM-AO; Groundwater at 6'
7–8		***SM*** Yellowish Orange fine SAND, some Silt (Saturated)	4/5	0 0 0		
8–10		***SM*** Light Grayish Yellow fine SAND, some Silt (Saturated)		0 0 0 0 0 0		
10–12		***SM*** Yellowish Orange fine SAND, some Silt (Saturated)	5/5	0 0 0 0 0 0 0		
12–15				0 0 0 0 0 0		
15–16		***SM*** Yellowish Orange fine SAND, some Silt, little Clay (Saturated)		0	15.5 - 16	BF-BG
16–17				0 0 0		
17–20		***SM*** Beige fine SAND, some Silt (Saturated)	4/5	0 0 0 0 0 0 0		
20		***SM*** Brown fine SAND, some Silt (Wet)				
21		End of Borehole				

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 366162.535
Easting (NAD 83): 361732.639
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0116

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0116
Project Location: Gibbsboro, NJ
Date Completed: 9/7/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		0		
1		***GW*** Yellowish Brown GRAVEL and fine to coarse SAND (Dry)		0		
		SW Brown fine to coarse SAND (Moist)		0		
2		***GW*** Light Gray GRAVEL (Dry)		0		Crushed rock
		SW Olive Brown fine to coarse SAND (Moist)	4/5	0		
3				0		
		SM Yellowish Brown fine SAND, some Silt (Moist)		0		
4				0		
		SM Bluish Gray fine SAND, some Silt (Moist)		0		
5				0		
		SM Bluish Gray fine SAND, some Silt (Saturated)		0	5.5 - 6.5	AL-AN; Groundwater at 5.5'
6				0		
				0		
7				0		
				0		
8				0		
				0		
9				0		
				0		
10		***SM*** Bluish Gray and Yellowish Orange fine SAND, some Silt (Saturated)		0		
				0		
11				0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 366115.635
Drilling Method: Geoprobe
Easting (NAD 83): 361731.31
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0116

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0116

Project Location: Gibbsboro, NJ

Date Completed: 9/7/2012

Total Depth (ft bgs): 20

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
12				0		
				0		
				0		
13				0		
				0		
14				0		
				0		
15				0	15 - 15.5	BE-BF
				0		
16				0		
				0		
17				0		
				0		
18				0		
				0		
19		***SM*** Bluish Gray fine SAND, some Silt, little Clay (Dry)		0		
		SM Yellowish Orange fine SAND, some Silt, little Clay (Wet)		0		
20		***SW-SM*** Light Grayish Brown fine SAND, little Silt (Moist)				
		End of Borehole				
21						
22						

Drilling Subcontractor: ECDI

Northing (NAD 83): 366115.635

Drilling Method: Geoprobe

Easting (NAD 83): 361731.31

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0117

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0117
Project Location: Gibbsboro, NJ
Date Completed: 9/10/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Brown fine to coarse SAND, little Organics (Moist)		0	0 - 0.5	AA-AB
		SW Yellowish Brown fine to coarse SAND (Moist)		0		
1				0		
		SW-SM Light Brown fine to medium SAND, little Silt (Moist)		0		
2		***SW*** Dark Gray fine to medium SAND (Wet)		0		
			4/5	0		
3				0		
				0		
4				0		
				0		
5		End of Borehole				
6						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365196.405
Drilling Method: Geoprobe
Easting (NAD 83): 361321.194
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5'

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Log of Borehole: MPSB0118

Project: Former Manufacturing PlantFormer Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0118
Project Location: Gibbsboro, NJ
Date Completed: 9/10/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SP-SM Light Brown fine to medium SAND, little Organics (Moist)		0	0 - 0.5	AA-AB
1		***SW*** Yellowish Orange fine to coarse SAND (Moist)		0		
2				0	2 - 2.5	AE-AF
		SW Olive Brown fine to coarse SAND (Moist)	4/5	0		
3				0		
4		***OL/OH*** Black ORGANICS, some fine Sand, some Silt (Wet)		0		
5		***OL/OH*** Black ORGANICS, some fine Sand, some Silt (Saturated)		0		Groundwater at 5.0'
6		***SW-SM*** Gray medium SAND, little Organics (Saturated)		0	5.5 - 6	AL-AM
7		***SW-SM*** Gray fine to medium SAND, little Organics (Saturated)		0		
		SW Gray fine to coarse SAND (Saturated)	3.5/5	0		
8				0		
9				0		
10		End of Borehole		0		
11						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365280.881
Drilling Method: Geoprobe
Easting (NAD 83): 361416.623
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0119

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0119
Date Completed: 9/10/2012
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		
0		***SM*** Brown fine to coarse SAND, some Organics (Moist)		0		
1				0		
1		***SW*** Yellowish Brown fine to coarse SAND, trace Gravel (Moist)		0		
2				0		
2			4/5	0		
3				0		
3				0		
4				0		
4				0		
5		***SW*** Yellowish Brown fine to coarse SAND (Moist)		0		
5				0		
6		***SW*** Yellowish Brown fine to coarse SAND (Moist)		0		Odor from 6.0-7.5'; Groundwater at 6.0'
6				0		
7		***SW*** Gray fine SAND (Saturated)		0		
7			3.5/5	0		Odor from 7.5-9.0'
8		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		0		
8				0		
9				0		Odor from 9.0-15.0'
9		***SM*** Gray fine SAND, some Silt (Saturated)		0		
10				0		
10				0		
11				0		
11				0		
12				0		
12			3/5	0		
13				0		
13				0	13.5 - 14	BB-BC
14				0		
14				0		
15				0		Odor from 15.0-20.0'
15		***SW*** Dark Gray fine SAND (Saturated)		0		
16				0		
16				0		
17				0		
17			3.5/5	0		
18				0		
18				0		
19				0		
19				0		
20				0		
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365136.258
Easting (NAD 83): 361389.407
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0120

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0120
Project Location: Gibbsboro, NJ
Date Completed: 9/10/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		
0–4		***SW*** Light Brown fine to coarse SAND (Dry)	4/5	0		
4–5		***SW*** Light Brown and Greenish Blue fine to coarse SAND (Dry)		0	4.5 - 5	AJ-AK
5–8		***SW*** Light Brown and Greenish Blue fine to coarse SAND (Wet)	4/5	0		Groundwater at 8.0'
8–9		***SM*** Dark Gray fine SAND, some Silt (Saturated)		0		
9–11		***SM*** Light Brown fine SAND, some Silt (Saturated)		0		
11–14		***SM*** Gray fine SAND, some Silt (Saturated)	4/5	0	12 - 12.5	AY-AZ
14–15		***SM*** Yellowish Brown and Gray fine SAND, some Silt (Wet)		0	14.5 - 15	BD-BE
15–17				0	16.5 - 17	BH-BI
17–19			3.5/5	0	18.5 - 19	BL-BM
19–20				0		
20		End of Borehole				

Drilling Subcontractor: ECDI
Northing (NAD 83): 365151.402
Drilling Method: Geoprobe
Easting (NAD 83): 361540.472
Sampling Method: Trowel
Depth to Watertable (ft bgs): 8

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Log of Borehole: MPSB0121

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0121
Project Location: Gibbsboro, NJ
Date Completed: 9/10/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		
0		***SW*** Light Brown fine to coarse SAND (Dry)		0		
1				0		
1				0		
2				0		
2			4/5	0		
3				0		
3				0		
4				0		
4				0		
5				0	4.5 - 5	AJ-AK
5				0		
6				0		
6				0		
7		***SW*** Light Olive Brown fine to coarse SAND (Moist)		0		Groundwater at 7.0'
7		***SM*** Light Gray fine SAND, some Silt (Saturated)	3.5/5	0		
8				0		
8				0		
9		***SM*** Yellowish Brown and Gray fine SAND, some Silt (Saturated)		0		
9				0		
10				0		
10		***SM*** Gray fine SAND, some Silt (Saturated)		0		
11				0		
11				0		
12				0	12 - 12.5	AY-AZ
12			4/5	0		
13				0		
13		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		0		
14				0		
14		***SM*** Light Brown and Gray fine SAND, some Silt (Saturated)		0	14.5 - 15	BD-BE
15				0		
15				0		
16				0		
16				0	16.5 - 17	BH-BI
17				0		
17		***SM*** Light Brown and Gray fine SAND, some Silt (Saturated)	4/5	0		
18				0		
18				0	18.5 - 19	BL-BM
19		***SM*** Gray fine SAND, some Silt (Saturated)		0		
19				0		
20				0		
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365201.099

Drilling Method: Geoprobe
Easting (NAD 83): 361538.737

Sampling Method: Trowel
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0122

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0122
Project Location: Gibbsboro, NJ
Date Completed: 9/10/2012
Total Depth (ft bgs): 20
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0	0 - 0.5	AA-AB
1		***SM*** Dark Brown fine to coarse SAND, some Organics (Moist)		0 0 0		
2		***SW*** Yellowish Brown and Greenish Brown fine to medium SAND (Dry)		0	2 - 2.5	AE-AF
3			4/5	0 0		
4		***SW*** Light Gray fine to medium SAND (Moist)		0 0		Odor; Groundwater at 4.0'
5		***SM*** Gray fine SAND, some Silt (Saturated)		0 0		
6				0	5.5 - 6	AL-AM
7				0 0		Odor
8			4/5	0		
9				0 0 0		
10		***SM*** Dark Gray fine SAND, some Silt (Saturated)		0		
11				0 0 0		
12				0	12 - 12.5	AY-AZ
13			4/5	0 0 0		
14		***SM*** Yellowish Brown and Greenish Gray fine SAND, some Silt (Saturated)		0 0		
15		***SM*** Dark Gray fine SAND, some Silt (Saturated)		0 0		
16				0 0		
17				0		
18			4/5	0 0		
19				0 0 0		
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365222.837

Drilling Method: Geoprobe
Easting (NAD 83): 361430.852

Sampling Method: Trowel
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0123

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0123

Project Location: Gibbsboro, NJ

Date Completed: 9/10/2012

Total Depth (ft bgs): 10

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Brown fine to coarse SAND, some Organics (Moist)		0	0 - 0.5	AA-AB
				0		
1		***SW*** Light Brown fine to coarse SAND, little Gravel (Dry)		0		
				0		
		SW-SM Grayish Brown fine to medium SAND, little Silt (Moist)		0	2 - 2.5	AE-AF
2		***SW*** Gray fine to medium SAND (Wet)	4/5	0		
3		***SW*** Grayish Brown fine to medium SAND (Wet)		0		
				0		
4		***SM*** Grayish Brown fine SAND, some Silt (Saturated)		0		Groundwater at 4.0'
				0		
5				0		
				0	5.5 - 6	AL-AM
6		***SM*** Greenish Brown fine SAND, some Silt (Saturated)		0		
				0		
7				0		
			4/5	0	7.5 - 8	AP-AQ
8				0		
				0		
9				0		
				0	9.5 - 10	AT-AU
10		End of Borehole				
11						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365263.401

Drilling Method: Geoprobe

Easting (NAD 83): 361517.228

Sampling Method: Trowel

Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0124

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0124
Project Location: Gibbsboro, NJ
Date Completed: 9/11/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.6		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		SM Dark Brown fine to coarse SAND, some Organics (Moist)		1.3		
1		***SW*** Yellowish Brown fine to coarse SAND (Moist)		3.6		
				5.1		
2				3.8		
			3.5/5	3.8		
3				4.8		
				3.5		
4				4.2		
				5.4		
5				5.8		
		SW-SM Yellowish Brown fine to coarse SAND, little Silt (Wet)		3.5		
6				1.4		
				4.5		
7				4.5		
			3.5/5	53.7		
8		***SM*** Yellowish Brown fine SAND, some Silt (Moist)		38.2		
				283		Olive discoloration with petroleum odor
9				506		
				889		
10				555		
				747		
11				780		
				902	11.5 - 12	AX-AY
12		***SM*** Olive Brown fine SAND, some Silt (Wet)		860		Petroleum Odor; Groundwater at 12.0'
			4/5	665		
13		***SM*** Olive Brown fine SAND, some Silt (Saturated)		642		
				340		
14				55.6		
15				72.7		
				53.7		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365427.316
Drilling Method: Geoprobe
Easting (NAD 83): 362069.755
Sampling Method: Trowel
Depth to Watertable (ft bgs): 12

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Log of Borehole: MPSB0124

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0124
Project Location: Gibbsboro, NJ
Date Completed: 9/11/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
16		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		105		
				66.2		
17				48.7		
			4/5	40.1		
18				6		
				0		
19				0		
		SM Light Grayish Brown fine SAND, some Silt (Wet)		0	19.5 - 20	BN-BO
20		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		0		
				0		
21				0		
				0		
22				0		
			2.5/5	0		
23				0		
				0		
24				0		
				0		
25				0		
				0		
26				0		
				0		
27				0		
			3/5	0		
28				0		
				0		
29				0		
				0	29.5 - 30	CH-CI
30		End of Borehole				
31						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365427.316
Drilling Method: Geoprobe
Easting (NAD 83): 362069.755
Sampling Method: Trowel
Depth to Watertable (ft bgs): 12

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Log of Borehole: MPSB0125

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0125

Project Location: Gibbsboro, NJ

Date Completed: 9/12/2012

Total Depth (ft bgs): 25

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		12.3		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
				27.9		
1		***SW-SM*** Light Grayish Brown fine to medium SAND, little Silt (Moist)		21.9		
				32.6		
2		***SM*** Reddish Yellow fine SAND, some Silt (Moist)		50.4		
			4/5	35.5		
3				49.8		
				54.4		
4				17.8		
				56.2		
5				16.9		
				63.9		
6		***SW*** Yellowish Gray fine SAND (Dry)		150		
				478		Strong petroleum odor
7				643		
			3.5/5	861		Strong petroleum odor
8		***SW*** Yellowish Brown fine SAND (Dry)		865		
		SM Yellowish Gray fine SAND, some Silt (Dry)		345		Strong petroleum odor
9				719		
		SM Gray fine SAND, some Silt (Moist)		1181	9.5 - 10	AT-AU
10				860		Strong petroleum odor
		SM Dark Gray fine SAND, some Silt (Wet)		600	10.5-11.5	AV-AX; Groundwater at 10.5'
11		***SM*** Gray fine SAND, some Silt (Saturated)		585		
				439		Strong petroleum odor
12				190		
			3.5/5	171		
13				148		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365507.328

Drilling Method: Geoprobe

Easting (NAD 83): 361996.243

Sampling Method: Trowel

Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0125

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0125
Project Location: Gibbsboro, NJ
Date Completed: 9/12/2012
Total Depth (ft bgs): 25
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
14		***SM*** Yellowish Gray fine SAND, some Silt (Saturated)		145 203 272		
15				69.7 86.5		
16				82.3 86.7		
17				96.6		
18			3/5	33.5 30.3		
19		***SM*** Yellowish Brown fine SAND, some Silt (Wet)		31.5 19.2 24.9		
20				49.9	20 - 20.5	BO-BP
21		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		27.6 28.4 24.3		
22				18		
23			3/5	11.1 4.8		
24				2.1 6.2		
25		***SM*** Bluish Gray and Yellowish Brown fine SAND, some Silt (Saturated)		9.5		
26		End of Borehole				

Drilling Subcontractor: ECDI
Northing (NAD 83): 365507.328
Drilling Method: Geoprobe
Easting (NAD 83): 361996.243
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0126

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0126

Project Location: Gibbsboro, NJ

Date Completed: 9/13/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
		GW Gray GRAVEL and fine to coarse SAND (Dry) (Dense)		0		
1		***SW*** Reddish Brown fine to coarse SAND, some Gravel (Moist)		0		
				0		
2		***SW*** Grayish Brown fine to coarse SAND (Moist)	4/5	0		
				0		
3		***SW*** Gray fine to coarse SAND (Moist)		0		
		SW Light Brown fine to coarse SAND (Moist)		0		
4				0		
				0		
5				0		
				0		
6				0		
				0		
7				0		
			3.5/5	0		
8		***SM*** Yellowish Orange fine SAND, some Silt (Moist)		0		
				0		
9				0		
				0		
10				0		
				0		
11				0		
				0		
12				0		
			3.5/5	0		
13				5.4		
				57.6		
14				50		Petroleum odor from 14 - 16 feet
				151		
15				321	15 - 15.5	BE-BF
				142		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365730.662

Drilling Method: Geoprobe

Easting (NAD 83): 362424.942

Sampling Method: Trowel

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0126

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0126
Project Location: Gibbsboro, NJ
Date Completed: 9/13/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
16				230		
		SM Yellowish Orange and Olive brown fine SAND, some Silt (Wet)		47.1		
17				24.1		Petroleum Odor
			3.5/5	27.1		Groundwater at 17.5'
		SM Yellowish Orange and Olive brown fine SAND, some Silt (Saturated)		20.5		
18				41.6		Petroleum Odor
19				18.5	19 - 20	BM-BO
		SM Yellowish Orange fine SAND, some Silt (Saturated)		14.2		
20				16.8		
				5.7		
21				2.8		
				2.7		
22				3.1		
			3.5/5	6.6		
23				0		
				0		
24				0		
				0		
25				0		
		SM Yellowish Orange and Gray fine SAND, some Silt (Moist)		0		
26				0		
				0		
27				0	27 - 27.5	CC-CD
			2/5	0		
28				0		
				0		
29				0		
				0		
30		End of Borehole				
31						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365730.662
Drilling Method: Geoprobe
Easting (NAD 83): 362424.942
Sampling Method: Trowel
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0127

Project: Former Manufacturing Plant

Client: Sherwin Williams | **Borehole Completed As:** MPSB0127

Project Location: Gibbsboro, NJ | **Date Completed:** 9/14/2012

Total Depth (ft bgs): 25 | **Geologist/Logger:** Aaron Mroz

SUBSURFACE PROFILE

Depth (ft bgs)	Symbol (USCS)	Description (USCS / Burmister)
0		Ground Surface
0 – 0.5	SM	**SM** Dark Brown fine to coarse SAND, some Organics (Moist)
0.5 – 3	SM	**SM** Yellowish Brown fine SAND, some Silt (Dry)
3 – 5	SW-SM	**SW-SM** Yellowish Orange fine to medium SAND, little Silt (Moist)
5 – 11	SW	**SW** Yellowish Brown fine to medium SAND (Moist)
11 – 12.5	SM	**SM** Light Olive Brown fine SAND, some Silt (Wet)
12.5 – 25	SM	**SM** Yellowish Brown fine SAND, some Silt (Saturated)
25		End of Borehole

SAMPLE

Interval (ft bgs)	Recovery (ft)
0 – 5	3/5
5 – 10	3/5
10 – 15	4/5
15 – 20	3.5/5
20 – 25	2.5/5

Depth (ft bgs)	PID/OVM (ppm)	Analytical Sample	Comments
0	0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen.
0.5	0		
1	0		
1.5	0		
2	0		
2.5	0		
3	0		
3.5	0		
4	5.3		
4.5	24.9		
5	30.6		
5.5	37		
6	28.6		
6.5	25.8		
7	7.5		
7.5	11.2		
8	13.5		Petroleum odor from 8 - 10 feet
8.5	24.7		
9	335	9 - 9.5	AS-AT
9.5	199		
10	75.2		
10.5	56.7		
11	11.3		
11.5	70.6		
12	19.2		
12.5	11	12.5-13.5	AZ-BB; Groundwater at 12.5'
13	6.2		
13.5	5.8		
14	2.9		
14.5	2.6		
15	0		
15.5	0		
16	0		
16.5	0		
17	0		
17.5	0		
18	0		
18.5	0		
19	0		
19.5	0		
20	0		
20.5	0		
21	0		
21.5	0		
22	0	22 - 22.5	BS-BT
22.5	0		
23	0		
23.5	0		
24	0		
24.5	0		

Drilling Subcontractor: ECDI | **Northing (NAD 83):** 365337.56

Drilling Method: Geoprobe | **Easting (NAD 83):** 361969.429

Sampling Method: Trowel | **Depth to Watertable (ft bgs):** 12.5

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Log of Borehole: MPSB0128

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0128
Project Location: Gibbsboro, NJ
Date Completed: 9/17/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Grayish Brown fine to coarse SAND, some Organics, little Gravel (Dry)		265	38		0	0 - 0.5	AA-AB
							0		Trace concrete
1		***SW*** Brown fine to coarse SAND (Dry)					0		Trace slag
							0		
2				557	40		0	2 - 2.5	AE-AF
		SP Yellowish Brown fine to coarse SAND (Dry)	4/5				0		
3							0		
				6	2		0	3.5 - 4	AH-AI
4							0		
		SW Light Grayish Brown fine to coarse SAND (Moist)		6	2		0	4.5 - 5	AJ-AK A FID was not used to screen borehole MPSB0128.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365835.647
Drilling Method: Geoprobe
Easting (NAD 83): 361663.564
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5'

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Log of Borehole: MPSB0129

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0129
Project Location: Gibbsboro, NJ
Date Completed: 9/17/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		718	38		0	0 - 0.5	AA-AB
		GW Dark Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Dark Brown fine to coarse SAND, little Gravel (Dry)					0		
1							0		Some wood, trace brick
							0		
2		***SW*** Light Grayish Brown fine to coarse SAND (Moist)		108	4		0	2 - 2.5	AE-AF
			3/5				0		
3							0		
				38	2		0	3.5 - 4	AH-AI
4							0		
				10	2		0	4.5 - 5	AJ-AK A FID was not used to screen borehole MPSB0129.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365837.941
Drilling Method: Geoprobe
Easting (NAD 83): 361601.818
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5'

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Log of Borehole: MPSB0130

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0130
Project Location: Gibbsboro, NJ
Date Completed: 9/18/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to coarse SAND, some Organics (Dry)		104	10			0 - 0.5	AA-AB
		NC Not Characterized							
1									
		SW Brown fine to coarse SAND (Moist)		1262	40			1.5 - 2	AD-AE Some slag
2		***NC*** Not Characterized							
3									
		FL Fill: Slag		388	20			3.5 - 4	AH-AI
4		***NC*** Not Characterized							
		SW Brown fine to coarse SAND (Saturated)		233	15			4.5 - 5	AJ-AK; Groundwater at 4.5' Slag
5		End of Borehole							A FID was not used to screen borehole MPSB0130.
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366244.203
Drilling Method: Hand Auger
Easting (NAD 83): 362240.097
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0131

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0131
Project Location: Gibbsboro, NJ
Date Completed: 9/18/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to coarse SAND, some Organics (Dry)		218	15			0 - 0.5	AA-AB
		NC Not Characterized							
1									
		SW Brown fine to coarse SAND, some Gravel (Moist)		345	16			1.5 - 2	AD-AE Trace slag
2		***NC*** Not Characterized							
3									
		SW Dark Brown fine to coarse SAND, some Gravel (Saturated)		152	10			3.5 - 4	AH-AI; Groundwater at 3.5' Some slag
4		***NC*** Not Characterized							
		SW Dark Grayish Brown fine to coarse SAND, some Gravel (Saturated)		43	3			4.5 - 5	AJ-AK A FID was not used to screen borehole MPSB0131.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366257.263
Drilling Method: Hand Auger
Easting (NAD 83): 362241.261
Sampling Method: Trowel
Depth to Watertable (ft bgs): 3.5

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Log of Borehole: MPSB0132

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0132
Project Location: Gibbsboro, NJ
Date Completed: 9/18/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to coarse SAND, some Organics (Dry)		168	11			0 - 0.5	AA-AB
		NC Not Characterized							
1									
		SW Yellowish Brown fine to coarse SAND (Moist)		310	10			1.5 - 2	AD-AE
2		***NC*** Not Characterized							
3									
		SW Brown fine to coarse SAND, some Gravel (Saturated)		180	7			3.5 - 4	AH-AI; Groundwater 3.5' Some slag
4		***NC*** Not Characterized							
		SP Brown fine to coarse SAND, some Gravel (Saturated)		248	10			4.5 - 5	AJ-AK Trace slag
5		End of Borehole							A FID was not used to screen borehole MPSB0132.
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366231.162
Drilling Method: Hand Auger
Easting (NAD 83): 362236.067
Sampling Method: Trowel
Depth to Watertable (ft bgs): 3.5

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Log of Borehole: MPSB0133

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0133
Project Location: Gibbsboro, NJ
Date Completed: 9/18/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		90	9		0	0 - 0.5	AA-AB
		SW Brown fine to coarse SAND, some Gravel (Dry)					0		Trace crushed brick
1							0		
							0		
2				119	3		0	2 - 2.5	AE-AF
			4/5				0		
		SW Yellowish Brown fine to coarse SAND (Moist)							
3							0		
							0		
4				7	5		0	4 - 4.5	AI-AJ
							0		
									A FID was not used to screen borehole MPSB0133.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365913.39
Drilling Method: Geoprobe
Easting (NAD 83): 362524.789
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0134

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0134
Project Location: Gibbsboro, NJ
Date Completed: 9/18/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		18	4		0	0 - 0.5	AA-AB
		SW Yellowish Brown fine to coarse SAND, little Gravel (Dry)					0		
1		***SW*** Brown fine to coarse SAND, little Gravel (Moist)					0		Trace asphalt
							0		
2				157	5		0	2 - 2.5	AE-AF
			3.5/5				0		
3							0		
							0		
4				355	16		0	4 - 4.5	AI-AJ
							0		
5									A FID was not used to screen borehole MPSB0134.
		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365904.612
Drilling Method: Geoprobe
Easting (NAD 83): 362501.527
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0135

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0135
Project Location: Gibbsboro, NJ
Date Completed: 9/19/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		50	8		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Greenish Gray fine to coarse SAND, little Gravel (Dry)					247		
1							217		Petroleum Odor
				8	2		243	1.5 - 2	AD-AE
2		***SM*** Greenish Brown fine SAND, some Silt (Moist)					331	2 - 2.5	AE-AF
			3.5/5				80		
3							21.6		
		SM Yellowish Orange fine SAND, some Silt (Wet)		8	2		13.8	3.5 - 4	AH-AI
4							0		
		SM Bluish Gray fine SAND, some Silt (Saturated)					0		Groundwater at 4.5' A FID was not used to screen borehole MPSB0135.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366129.552
Drilling Method: Geoprobe
Easting (NAD 83): 361705.919
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0136

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0136
Project Location: Gibbsboro, NJ
Date Completed: 9/19/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		537	19		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Olive Brown fine to coarse SAND (Dry)					0		
		SM Yellowish Brown fine SAND, some Silt (Dry)							
1							0		
				46	3		0	1.5 - 2	AD-AE
2							0		
			2.5/5				0		
3							0		
				81	3		0	3.5 - 4	AH-AI
4							0		
							0		A FID was not used to screen borehole MPSB0136.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366090.28
Drilling Method: Geoprobe
Easting (NAD 83): 361997.814
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0137

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0137
Project Location: Gibbsboro, NJ
Date Completed: 9/19/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		235	12		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SM Yellowish Brown fine SAND, some Silt (Dry)					0		
1							0		
							0		
2							0		
			2.5/5				0		
3							0		
							0		
4							0		
							0		A FID was not used to screen borehole MPSB0137.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366089.677
Drilling Method: Hand Auger
Easting (NAD 83): 361987.802
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0138

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0138
Project Location: Gibbsboro, NJ
Date Completed: 9/19/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		190	10		0	0 - 0.5	AA-AB
		SM Grayish Brown fine to coarse SAND, some Organics (Dry)					0		
		SW Reddish Brown fine to coarse SAND, little Gravel (Dry)							
1							0		
				68	7		0	1.5 - 2	AD-AE
2		***SW*** Light Brown fine to medium SAND (Dry)					0		Some coal
		SW Yellowish Brown fine to coarse SAND (Dry)	3/5				0		
3							0		
				5	2		0	3.5 - 4	AH-AI
4							0		
		SW-SM Brown fine to coarse SAND, little Organics (Moist)					0		A FID was not used to screen borehole MPSB0138.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366077.4
Drilling Method: Geoprobe
Easting (NAD 83): 362027.394
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0139

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0139
Project Location: Gibbsboro, NJ
Date Completed: 9/24/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		126	9		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Loose) Asphalt and base coarse					1.9		
1		***SW*** Brown fine to coarse SAND, little Gravel (Moist)					2.1		Little brick, little wood
				315	20		42	1.5 - 2	AD-AE
2							97.1		
			3/5				38.2		
3							91.3		
				213	21		71.6	3.5 - 4	AH-AI
4							69.1		
							56.1		
5							96		
				301	21		39.8	5.5 - 6	AL-AM
6							19.8		
							95.1		
7							20.1		
			2.5/5	326	33		84	7.5 - 8	AP-AQ
8							51.3		
							19.9		
9							14.4		
				355	10		5.4	9.5 - 10	AT-AU
10		End of Borehole							A FID was not used to screen borehole MPSB0139.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366098.936
Drilling Method: Geoprobe
Easting (NAD 83): 361949.522
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>10

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Log of Borehole: MPSB0140

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0140
Project Location: Gibbsboro, NJ
Date Completed: 9/24/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		25	6		1.3	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse					0		
1		***SW*** Brown fine to coarse SAND, little Gravel (Moist)					0		
				406	22		3.6	1.5 - 2	AD-AE
2							9.7		
			3/5				42.6		
3							51.8		
				515	26		76.1	3.5 - 4	AH-AI
4							14.8		
				282	19		76.7	4.5 - 5	AJ-AK
5		***SW*** Brown fine to coarse SAND, little Gravel (Moist)					2.1		Some brick, trace wood
							0		
6							0		
							0		
7							0		
				277	13		0	7.5 - 8	AP-AQ
8							0		
		SW Yellowish Brown fine to coarse SAND (Moist)					0		
9							0		
							0		A FID was not used to screen borehole MPSB0140.
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366104.015
Drilling Method: Geoprobe
Easting (NAD 83): 361909.682
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>10

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Phone: (732) 417-5800
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Log of Borehole: MPSB0141

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0141
Project Location: Gibbsboro, NJ
Date Completed: 9/24/2012
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		149	6		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse					0		
1							0		Some brick, some concrete
		SW Brown fine to coarse SAND, little Gravel (Moist)		96	19		9.5	1.5 - 2	AD-AE
2							21.6		
			3/5				10.5		
3							29.4		
				1284	13		10.7	3.5 - 4	AH-AI
4							2.7		
							2		
5							1.3		
				2584	102		0	5.5 - 6	AL-AM
6							0		
							0		
7							0		
			3/5	31	4		0	7.5 - 8	AP-AQ
8							0		
							0		
9							0		
				767	9		0	9.5 - 10	AT-AU
10							20.5		
							0		
11							0		Groundwater at 11.0'
		SM Yellowish Brown fine SAND, some Silt (Saturated)		10	2		0	11.5 - 12	AX-AY
12							0		
			4.5/5				0		
13							0		
							0		Wood at 13.5'
14							0		
		SW Grayish Brown fine to coarse SAND, little Gravel (Saturated)					0		A FID was not used to screen borehole MPSB0141.
15		End of Borehole							
16									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366065.265
Drilling Method: Geoprobe
Easting (NAD 83): 361902.73
Sampling Method: Trowel
Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0142

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0142
Project Location: Gibbsboro, NJ
Date Completed: 9/25/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		43	16		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Dark Yellowish Brown fine to coarse SAND, little Gravel (Dry)					0		Trace brick, trace concrete, trace wood
1							0		
				83	4		0	1.5 - 2	AD-AE
2							0		
			3.5/5				0		
3							0		
				81	7		0	3.5 - 4	AH-AI
4							0		
				9	5		0		
		SM Yellowish Brown fine SAND, some Silt (Moist)							A FID was not used to screen borehole MPSB0142.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366043.332
Drilling Method: Geoprobe
Easting (NAD 83): 361649.947
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0143

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0143
Project Location: Gibbsboro, NJ
Date Completed: 9/25/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		61	5		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Dark Yellowish Brown fine to coarse SAND (Dry)					0		
1							0		
				86	6		0	1.5 - 2	AD-AE
2		***SW*** Dark Yellowish Brown fine to coarse SAND (Moist)					0		Trace concrete, trace ash
			3/5				0		
3							0		
				1083	21		0		
4							0		
				160	7		0	4.5 - 5	AJ-AK A FID was not used to screen borehole MPSB0143.
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365980.199
Drilling Method: Geoprobe
Easting (NAD 83): 361772.436
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0144

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0144
Date Completed: 9/25/2012
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		335	66		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Loose) Asphalt and base coarse					0		
1		***SW*** Brown fine to coarse SAND (Dry)					0		Trace wood, trace ash, trace brick
				1214	23		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3							0		
				3224	38		0		
4							0		
							0		
5							0		
				1446	34		0	5.5 - 6	AL-AM
6		***SW*** Yellowish Brown fine to coarse SAND (Moist)					0		
							0		
7		***SW*** Grayish Brown fine to coarse SAND (Saturated)					0		Groundwater at 7.0'
			3.5/5	115	17		0		
8							0		
							0		
9		***SC*** Greenish Gray fine to coarse SAND, some Clay, some Silt (Saturated)					0		
				244	13		0	9.5 - 10	AT-AU
10		***SM*** Greenish Gray fine SAND, some Silt (Saturated)							
		End of Borehole							A FID was not used to screen borehole MPSB0144.
11									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365917.398
Easting (NAD 83): 361824.984
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0145

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0145

Project Location: Gibbsboro, NJ

Date Completed: 9/26/2012

Total Depth (ft bgs): 10

Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		272	13		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) asphalt and base coarse					0		
1		***SW*** Brown medium to coarse SAND, little Gravel (Dry)					12.4		Trace wood, trace brick
				226	13		48.2	1.5 - 2	AD-AE
2							32.5		
							12.7		
3							8.2		
				83	10		0	3.5 - 4.0	AH-AI
4							0		
							0		
5							0		
				930	36		0	5.5 - 6	AL-AM
6							0		
							0		
7							0		
				508	14		0	7.5 - 8.0	AP-AU
8							0		
		SP Light Brown fine SAND, trace Silt (Dry)					0		
9							0		
				9	2		0	9.5 - 10	AT-AU
10		***SM*** Yellowish Brown fine SAND, some Silt (Moist)							
		End of Borehole							A FID was not used to screen borehole MPSB0145.
11									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366042.705

Drilling Method: Geoprobe

Easting (NAD 83): 361997.872

Sampling Method: Trowel

Depth to Watertable (ft bgs): Not Encountered/>10

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Log of Borehole: MPSB0146

Project: Former Manufacturing Plant

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0146
Date Completed: 9/26/2012
Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		64	10		0	0 - 0.5	AA-AB
		OL/OH Dark Brown ORGANICS (Dry)					0		
1		***SW*** Moderate Brown fine to coarse SAND, little Gravel (Dry)					0		
				283	6		0	1.5 - 2	AD-AE
2		***SW*** Dark Brown fine to coarse SAND, trace Gravel (Dry)					0		Trace brick and concrete
							0		
3							0		
				552	30		0	3.5 - 4	AH-AI
4							0		
							0		
5							0		
				340	13		0	5.5 - 6	AL-AM
6							0		
							0		
7		***SP-SM*** Light Brown fine SAND, little Silt (Moist)					0		
				8	2		0	7.5 - 8	AP-AQ
8							0		
							0		Groundwater at 8.5'
9		***SP-SM*** Yellowish Brown fine SAND, little Silt (Wet)					0		
				9	2		0	9.5 - 10	AT-AU
10		End of Borehole							A FID was not used to screen borehole MPSB0146.
11									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365973.277
Easting (NAD 83): 361945.991
Depth to Watertable (ft bgs): 8.5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0147

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0147
Project Location: Gibbsboro, NJ
Date Completed: 9/27/2012
Total Depth (ft bgs): 30
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		Groundwater and soil samples were collected. Soil samples were collected with a trowel and groundwater samples were collected with a peristaltic pump and disposable Teflon tubing through a retractable screen. Samples were co-located at 19.5 - 20.0 ft interval and 29.5 - 30.0 ft interval.
0		***SW-SM*** Brown fine to coarse SAND, little Organics (Moist)					0		
1		***SW*** Light Brown fine to coarse SAND (Moist)					0		
2		***SW*** Yellowish Orange fine to coarse SAND (Moist)	3.5/5				0		
3							0		
4							0		
5		***SP*** Yellowish Orange fine to coarse SAND (Moist)					0		
6		***SW*** Yellowish Orange fine to coarse SAND (Moist)					0		
7			3.5/5				0		
8							0		
9		***SM*** Yellowish Brown and Dark Gray fine SAND, some Silt (Moist)					5.2		
10							7.9		
11							7.3		
12			3.5/5				7.3		
13							20.2		
14		***SW*** Yellowish Brown fine to coarse SAND (Moist)					18.3		Coordinates representative of GPS data by WESTON with sub-meter accuracy.
15							36.4		
							44		
							87.7		
							101		
							95.5		
							94.3		
							132		
							136		
							97.9		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365612.124

Drilling Method: Geoprobe
Easting (NAD 83): 362282.938

Sampling Method: Macro-core
Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0147

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0147

Project Location: Gibbsboro, NJ

Date Completed: 9/27/2012

Total Depth (ft bgs): 30

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
16		***SM*** Greenish Brown fine SAND, some Silt (Wet)					26		Groundwater at 16.0'
							51.4		
17		***SM*** Greenish Brown fine SAND, some Silt (Saturated)					128		
			3.5/5				10.8		
18							10		
							5.2		
19							5.9		
							6.4	19.5 - 20	BN-BO
20							7.6		
							5.5		
21							7		
							2.5		
22							3.3		
			4/5				2.7		
23							0		
							0		
24							0		
							0		
25							0		
							0		
26							0		
							0		
27							0		
			4/5				0		
28		***SM*** Yellowish Orange fine SAND, some Silt, little Clay (Saturated)					0		
							0		
29							0		
							0	29.5 - 30	CH-CI
30		End of Borehole							A XRF was not used to screen borehole MPSB0147. A FID was not used to screen borehole MPSB0147.
31									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365612.124

Drilling Method: Geoprobe

Easting (NAD 83): 362282.938

Sampling Method: Macro-core

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0148

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0148
Project Location: Gibbsboro, NJ
Date Completed: 10/1/2012
Total Depth (ft bgs): 4.5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		705	35		0	0 - 0.5	AA-AB
		GP Gray GRAVEL (Dry) (Dense) Asphalt and base coarse							
		SW Dark Brown fine to coarse SAND, little Gravel (Dry)					0		Trace concrete, trace brick
1							0		
				734	30		0	1.5 - 2	AD-AE
2							0		
			2.5/4.5				0		
3		***FL*** Fill: Concrete					0		
				1162	30		0	3.5 - 4	AH-AI
		SW Dark Brown fine to coarse SAND, little Gravel (Dry)							Some concrete
4							0		
									A FID was not used to screen borehole MPSB0148.
		End of Borehole							Refusal at 4.5 ft because of concrete
5									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366025.678
Drilling Method: Geoprobe
Easting (NAD 83): 361827.746
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0149

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0149
Project Location: Gibbsboro, NJ
Date Completed: 10/1/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		200	13		0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) Asphalt					0		
1		***SW*** Dark Brown fine to coarse SAND, little Gravel (Dry)					0		Some concrete, trace brick
				1578	84		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3							0		
				1140	58		0	3.5 - 4	AH-AI
4							0		
							0		
5							0		
				2018	157		0	5.5 - 6	AL-AM; Groundwater at 5.5'
6		***SW*** Brown fine to coarse SAND, some Gravel (Saturated)					0		
							0		
7							0		
			3/5	84	22		0	7.5 - 8	AP-AQ
8							0		
							0		
9							0		
				11	6		0	9.5 - 10	AT-AU
10		***SW*** Dark Grayish Brown fine to coarse SAND (Saturated)							
		End of Borehole							A FID was not used to screen borehole MPSB0149.
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 366004.896
Drilling Method: Geoprobe
Easting (NAD 83): 361850.725
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0150

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0150
Project Location: Gibbsboro, NJ
Date Completed: 10/1/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		79	8	0	0	0 - 0.5	AA-AB
		SW-SM Light Brown fine to coarse SAND, little Gravel, little Organics (Dry)				0	0		
1						0	0		Trace concrete
		SW Light Brown fine to coarse SAND, little Gravel (Dry)		141	30	0	0	1.5 - 2	AD-AE
2						0	0		
			3/5			0	0		
3						0	12.4		
				64	15	7.6	161	3.5 - 4	AH-AI
4						1137	403		
		SW Light Brown fine to coarse SAND (Dry)		32	7	3856	428	4.5 - 5	AJ-AK
5						80.1	21.6		
		SM Grayish Brown fine SAND, some Silt (Wet)				35.7	4.4		
6						8.8	5.7	6 - 6.5	AM-AN; Groundwater at 6'
		SM Yellowish Brown fine SAND, some Silt (Saturated)				0	0		
7						0	0		
			4/5			0	0		
8						0	0		
						0	0		
9						0	0		
						0	0		
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365728.636
Drilling Method: Geoprobe
Easting (NAD 83): 361826.326
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0151

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0151

Project Location: Gibbsboro, NJ

Date Completed: 10/2/2012

Total Depth (ft bgs): 5

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		1338	72	13.1	1	0 - 0.5	AA-AB
		SW Dark Grayish Brown fine to coarse SAND, little Gravel (Moist)				116	52.7		Some ash, trace brick
1						437.7	80		
				1677	29	1843	109	1.5 - 2	AD-AE
2		***SW*** Gray fine SAND (Moist)				741.1	28.5		
		SM Brown fine SAND, some Silt, little Clay, little Organics (Moist)	3.5/5			1130	33.6		
3						157.6	106		Petroleum Odor
				5	2	439.2	119	3.5 - 4	AH-AI
4		***SM*** Light Brown fine SAND, some Silt (Moist)				122.8	19.4		
				10	2	58.3	17	4.5 - 5	AJ-AK
5		End of Borehole							
6									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365839.772

Drilling Method: Geoprobe

Easting (NAD 83): 361900.433

Sampling Method: Trowel

Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0152

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0152
Project Location: Gibbsboro, NJ
Date Completed: 10/2/2012
Total Depth (ft bgs): 5
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		52	4	5.6	0	0 - 0.5	AA-AB
		SW Greenish Brown fine to coarse SAND (Dry)				9.9	12.6		
1		***SW*** Dark Grayish Brown fine to coarse SAND (Dry)				5	16		Some brick, some wood
		SW Greenish Brown fine to coarse SAND (Dry)		11	2	13	7.1	1.5 - 2.0	AD-AE
2		***SW*** Light Grayish Brown fine to coarse SAND (Dry)				17.4	13.4		Trace wood
		SW Yellowish Brown fine to coarse SAND (Dry)	3.5/5			31.1	27.6		
3		***SW*** Dark Grayish Brown fine to coarse SAND (Moist)				99.4	22.5		
		SM Dark Grayish Brown and Yellowish Brown fine SAND, some Silt (Moist)		10	2	119	6.2	3.5 - 4	AH-AI
4		***SM*** Yellowish Brown fine SAND, some Silt (Moist)				36.9	5.7		
				9	2	88.8	3.1	4.5 - 5.0	AJ-AK
5		End of Borehole							
6									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365891.395
Drilling Method: Geoprobe
Easting (NAD 83): 361989.31
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>5

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Log of Borehole: MPSB0153

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0153
Project Location: Gibbsboro, NJ
Date Completed: 10/2/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		107	4	7.4	0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse				32.2	8.8		
1		***SW*** Brown fine to coarse SAND (Dry)				14.6	5.7		
		SW Dark Grayish Brown fine to coarse SAND, little Gravel (Moist)		766	55	95.2	47.9	1.5 - 2	AD-AE
2						124	37.7		Trace brick, trace concrete
			2.5/5			252	13		
3						168.6	9		
				669	43	1319	11.3	3.5 - 4.0	AH-AI
4						27.7	4.8		
						86	0		
5						124.3	0		
		SM Bluish Gray and Yellowish Brown fine SAND, some Silt (Wet)		34	8	79.2	0	5.5 - 6	AL-AM
6						27.4	0		Groundwater at 6.0'
		SM Bluish Gray and Yellowish Brown fine SAND, some Silt (Moist)				45.3	0		
7						0	0		
			2.5/5	8	2		0	7.5 - 8.0	AP-AQ
8							0		
							0		
9							0		
				10	2		0	9.5 - 10	AT-AU
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365912.825
Drilling Method: Geoprobe
Easting (NAD 83): 361919.988
Sampling Method: Trowel
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0154

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0154
Project Location: Gibbsboro, NJ
Date Completed: 10/3/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		201	45	6	0	0 - 0.5	AA-AB
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse				5.6	0		
1		***SW*** Brown fine to coarse SAND (Moist)				8.3	0		
		SW Dark Greenish Brown fine to medium SAND (Moist)		331	25	14.9	0	1.5 - 2	AD-AE
2						12.9	0		Brick at 2'
		SW Dark Grayish Brown fine to coarse SAND, some Gravel (Moist)	2.5/5			202.3	0		
3		***SW*** Dark Greenish Brown fine to medium SAND, little Gravel (Moist)				23.2	0		
		SW Dark Grayish Brown fine to medium SAND (Moist)		4	2	6.9	0	3.5 - 4.0	AH-AI
4						33.7	0		
		SM Grayish Brown fine SAND, some Silt (Moist)				39.8	0		
5						11.3	0		Groundwater at 5.0'
		SW Grayish Brown fine to coarse SAND (Saturated)		8	2	1.8	0	5.5 - 6	AL-AM
6						1.8	0		
						6.2	0		
7						5.8	0		
		SW Yellowish Brown fine to coarse SAND (Saturated)	3.5/5	7	2	159.6	0	7.5 - 8.0	AP-AQ
8		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)				0	0		
							0		
9							0		
				9	2		0	9.5 - 10	AT-AU
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365819.143
Drilling Method: Geoprobe
Easting (NAD 83): 361797.259
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0155

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0155
Project Location: Gibbsboro, NJ
Date Completed: 10/3/2012
Total Depth (ft bgs): 10
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		GW Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		88	9	3.4	0	0 - 0.5	AA-AB
						94.7	0		
1		***SW*** Dark Grayish Brown fine to coarse SAND, little Gravel (Moist)				45.9	0		
				2527	132	39.4	0	1.5 - 2	AD-AE
		SW Dark Grayish Brown and Light Brown and Green fine to coarse SAND, trace Gravel (Moist)				131.1	0		Trace brick
2									
			2.5/5			548.1	0		
3						539.9	0		
				599	12	263.3	0	3.5 - 4.0	AH-AI
4						1286	0		
						301.8	0		
		SM Light Gray fine SAND, some Silt (Wet)							
5						357.1	0		
				10	2	240.9	0	5.5 - 6	AL-AM; Groundwater at 5.5'
		SM Light Gray fine SAND, some Silt (Saturated)				10.4	0		
6						5.4	0		
						14.1	0		
7			4/5	10	2	7	0	7.5 - 8.0	AP-AQ
		SM Yellowish Brown fine SAND, some Silt (Saturated)				2	0		
8						0	0		
						0	0		
9									
				9	2	16.3	0	9.5 - 10	AT-AU
10		End of Borehole							
11									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365868.202
Drilling Method: Geoprobe
Easting (NAD 83): 361850.568
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0156

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0156
Project Location: Gibbsboro, NJ
Date Completed: 10/22/2012
Total Depth (ft bgs):
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine to coarse SAND, little Organics (Dry)		30	9			0 - 0.5	AA-AB
		NC Not Characterized							
1									
		SW Yellowish Brown fine to medium SAND (Moist)		31	2			1.5 - 2.0	AD-AE
2		***NC*** Not Characterized							
3									
		SW Dark Brown fine to coarse SAND, some Gravel (Moist)		681	17			3.5 - 4	AH-AI Some slag
4		***NC*** Not Characterized							
		SW Dark Brown fine to coarse SAND, some Gravel (Saturated)		414	25			4.5 - 5.0	AJ-AK; Groundwater at 4.5' Some slag
5		***NC*** Not Characterized							
6									
		SW Greyish Brown fine to coarse SAND (Saturated)		19	2			6.5 - 7	AN-AO
7		End of Borehole							
8									

Drilling Subcontractor: None
Northing (NAD 83): 366239.091
Drilling Method: Hand Auger
Easting (NAD 83): 362242.884
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0157

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0157
Project Location: Gibbsboro, NJ
Date Completed: 10/22/2012
Total Depth (ft bgs): 7
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine to coarse SAND, some Organics (Dry)		44	8			0 - 0.5	AA-AB
		NC Not Characterized							
1									
		SW Dark Brown fine to coarse SAND (Moist)		523	21			1.5 - 2	AD-AE Trace slag
2		***NC*** Not Characterized							
3									
		SW Dark Brown fine to coarse SAND (Wet)		984	51			3.5 - 4.0	AH-AI Some slag
4		***NC*** Not Characterized							
		SW Dark Brown fine to coarse SAND (Saturated)		1222	65			4.5 - 5	AJ-AK; Groundwater at 4.5' Some slag
5		***NC*** Not Characterized							
6									
		SW Greyish Brown fine to coarse SAND (Saturated)		114	6			6.5 - 7	AN-AO
7		End of Borehole							
8									

Drilling Subcontractor: None
Northing (NAD 83): 366233.749
Drilling Method: Hand Auger
Easting (NAD 83): 362256.151
Sampling Method: Trowel
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0158

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0158

Project Location: Gibbsboro, NJ

Date Completed: 1/28/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP Location labeled MIP-9 in proposed figure				

Drilling Subcontractor: ECDI

Northing (NAD 83): 366079.489

Drilling Method: Geoprobe

Easting (NAD 83): 362384.879

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0159

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0159

Project Location: Gibbsboro, NJ

Date Completed: 1/29/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP-10				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365985.793

Drilling Method: Geoprobe

Easting (NAD 83): 362508.275

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0160

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0160

Project Location: Gibbsboro, NJ

Date Completed: 1/29/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP-11				

Drilling Subcontractor: ECDI

Northing (NAD 83): 365953.014

Drilling Method: Geoprobe

Easting (NAD 83): 362352.602

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0161

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0161

Project Location: Gibbsboro, NJ

Date Completed: 1/29/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP-15				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365811.773

Drilling Method: Geoprobe

Easting (NAD 83): 362321.592

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0162

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0162

Project Location: Gibbsboro, NJ

Date Completed: 1/30/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-12				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365874.072

Drilling Method: Geoprobe

Easting (NAD 83): 362265.054

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0163

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0163

Project Location: Gibbsboro, NJ

Date Completed: 1/30/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP D				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365801.65

Drilling Method: Geoprobe

Easting (NAD 83): 362101.996

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0164

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0164

Project Location: Gibbsboro, NJ

Date Completed: 1/31/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP S				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365844.063

Drilling Method: Geoprobe

Easting (NAD 83): 361745.568

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0165

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0165

Project Location: Gibbsboro, NJ

Date Completed: 1/31/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP L, M, N				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365629.944

Drilling Method: Geoprobe

Easting (NAD 83): 361811.079

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0166

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0166

Project Location: Gibbsboro, NJ

Date Completed: 1/31/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP O				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365521.988

Drilling Method: Geoprobe

Easting (NAD 83): 361475.656

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0167

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0167

Project Location: Gibbsboro, NJ

Date Completed: 1/31/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP next to MPSB0110				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365622.866

Drilling Method: Geoprobe

Easting (NAD 83): 361837.864

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0168

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0168

Project Location: Gibbsboro, NJ

Date Completed: 2/1/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN				
1		() ()				
		MIP J				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 364643.49

Drilling Method: Geoprobe

Easting (NAD 83): 361120.478

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0169

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0169

Project Location: Gibbsboro, NJ

Date Completed: 2/1/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () Location G, H				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 364878.594

Drilling Method: Geoprobe

Easting (NAD 83): 361373.228

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0170

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0170

Project Location: Gibbsboro, NJ

Date Completed: 2/1/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () Location I				

Drilling Subcontractor: ECDI

Northing (NAD 83): 364941.355

Drilling Method: Geoprobe

Easting (NAD 83): 361667.105

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0171

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0171

Project Location: Gibbsboro, NJ

Date Completed: 2/4/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-14				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365902.512

Drilling Method: Geoprobe

Easting (NAD 83): 362448.973

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0172

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0172

Project Location: Gibbsboro, NJ

Date Completed: 2/4/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-13				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 366016.471

Drilling Method: Geoprobe

Easting (NAD 83): 362291.274

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0173

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0173

Project Location: Gibbsboro, NJ

Date Completed: 2/5/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MAN () () MIP K				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365465.309

Drilling Method: Geoprobe

Easting (NAD 83): 361641.691

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0174

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0174

Project Location: Gibbsboro, NJ

Date Completed: 2/5/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP T				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365381.661

Drilling Method: Geoprobe

Easting (NAD 83): 362026.764

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0175

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0175

Project Location: Gibbsboro, NJ

Date Completed: 2/5/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-18				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365795.118

Drilling Method: Geoprobe

Easting (NAD 83): 361656.844

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0176

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0176

Project Location: Gibbsboro, NJ

Date Completed: 2/6/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-17				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365773.006

Drilling Method: Geoprobe

Easting (NAD 83): 361860.266

Sampling Method:

Depth to Watertable (ft bgs):

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0177

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0177

Project Location: Gibbsboro, NJ

Date Completed: 2/6/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description **USCS** Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-20				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 366030.46

Drilling Method: Geoprobe

Easting (NAD 83): 362073.349

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0178

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0178

Project Location: Gibbsboro, NJ

Date Completed: 2/6/2013

Total Depth (ft bgs):

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***MAN*** () () MIP-19				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365836.629

Drilling Method: Geoprobe

Easting (NAD 83): 362039.859

Sampling Method:

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0179

Project: Former Manufacturing Plant, Gibbsboro, NJ

Client: Sherwin Williams
Borehole Completed As: MPSB0179
Project Location: Gibbsboro, NJ
Date Completed: 3/14/2013
Total Depth (ft bgs): 15
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		
		GP Gray GRAVEL (Dry) Asphalt		0		Monitoring well MPMW0001 installed in this borehole, MPSB0179.
1		***SW*** Dark Grayish Brown fine to coarse SAND (Dry)		0		
				0		
2				0		
			3/5	0		
3				0		
				0		
		SW Yellowish Brown fine to coarse SAND (Dry)		0		
4				0		
				0		
5		***SW*** Light Grayish Brown fine to coarse SAND (Saturated)		0		Groundwater at 5.0'
				0		
6		***SW*** Dark Grayish Brown fine to coarse SAND (Saturated)		0		
				0		
7				0		
			3/5	0		
8				0		
				0		
9		***SW*** Light Grayish Brown fine to medium SAND (Saturated)		0		
				0		
10				0		
				0		
11				0		
				0		
12				0		
			2/5	0		
13				0		
				0		
14				0		Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
				0		
15		End of Borehole				
16						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365840.8
Drilling Method: Geoprobe
Easting (NAD 83): 361746.7
Sampling Method: Macro-core
Depth to Watertable (ft bgs): 5

205 Campus Drive
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Log of Borehole: MPSB0180

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0180

Project Location: Gibbsboro, NJ

Date Completed: 3/20/2013

Total Depth (ft bgs): 35

Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***MH*** Brown SILT, little fine to medium Sand, trace Organics (Dry)				Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
1		***SP*** Brown fine to coarse SAND, trace Gravel, trace Silt (Moist) Trace brick	3/5			PID/FID readings were not taken as borehole location is referenced as MIP-11 (MPSB0160).
2		***FL*** Fill: Concrete				
3		***FL*** Fill: Rubble				
4		***FL*** Fill: Concrete				
5		***SW*** Grayish Brown fine to coarse SAND (Moist)				
6		***SW-SM*** Yellowish Brown fine SAND, little Silt (Moist)				Groundwater at 7.0'
7		***SW-SM*** Yellowish Brown fine SAND, little Silt (Saturated)			7.5 - 8	AP-AQ Staining at 7.5 feet
8						
9		***SW-SM*** Yellowish Brown, some gray fine SAND, little Silt (Saturated)				
10		***SW-SM*** Yellowish Brown, some gray fine SAND, little Silt (Saturated)				
11						
12		***SW-SM*** Dark Brownish Gray fine to medium SAND, little Silt (Wet)				
13						
14		***SW-SM*** Grayish Brown fine SAND, little Silt (Wet)				
15						
16						
17						
18						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365948.3

Drilling Method: Geoprobe

Easting (NAD 83): 362348.7

Sampling Method: Macro-core

Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
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Log of Borehole: MPSB0180

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0180

Project Location: Gibbsboro, NJ

Date Completed: 3/20/2013

Total Depth (ft bgs): 35

Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
19		***SW-SM*** Gray fine SAND, little Silt (Wet)				
20		***SP-SM*** Yellowish Orange fine to coarse SAND, little Silt (Wet)				
21						
22						
23						
24						
25		***CL*** Yellowish Orange CLAY, some Silt, trace fine Sand (Wet)				
26		***MH*** Yellowish Brown SILT, little fine Sand, little Clay (Wet)				
27		***MH*** Gray SILT, some fine Sand, trace Clay (Wet)				
28		***SW-SM*** Orange fine SAND, little Silt (Wet)				
29		***SW-SM*** Gray fine SAND, little Silt (Wet)				
30						
31						
32						
33						
34		***SM*** Yellowish Orange fine SAND, some Silt (Wet)				Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
35		End of Borehole				
36						
37						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365948.3

Drilling Method: Geoprobe

Easting (NAD 83): 362348.7

Sampling Method: Macro-core

Depth to Watertable (ft bgs): 7

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0181

Project Location: Gibbsboro, NJ

Date Completed: 4/3/2013

Total Depth (ft bgs): 80

Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface						
		FL Fill: Asphalt		0		0		Borehole MPSB0181 was overdrilled for the installation of MPMW0006.
				15		0		
1		***FL*** Fill	1/2	15		0		Micaceous from 1.0' - 4.0'
		SW-SM Dark Gray fine/coarse SAND, little Silt (Moist) (Loose)		13		0		
2				13		0		
		SW-SM Orange fine/coarse SAND, little Silt (Moist) (Loose)		17		0		
3		***SW-SM*** Light Brown fine/coarse SAND, little Silt (Moist) (Loose)	1.5/2	12		0		
				10		0		
4		***SW-SM*** Light Brown fine/coarse SAND, little Silt (Wet) (Loose)		14		0		Micaceous with Heavy minerals from 4.0' - 18.0'
				17		2.7		
5		***SM*** Light Brown medium to coarse SAND, some Silt (Wet) (Loose)	1/2	12		1.3		Groundwater at 5.0'
		SM Gray medium to coarse SAND, some Silt (Wet) (Loose)		13	0	20.9		
6				8	66.9	90		
		SM Brown medium to coarse SAND, some Silt (Wet) (Loose)		7	108.1	94.8		
7		***SM*** Brown medium to coarse SAND, some Silt (Saturated) (Loose)	1.33/2	8	448.8	137		
				8	388.4	102		
8		***SM*** Gray medium to coarse SAND, some Silt (Saturated) (Loose)		5	136.7	111		
				6	217.2	110		
9		***SM*** Brown medium to coarse SAND, some Silt (Saturated) (Loose)	1.5/2	7	19.2	31.7		
				8	302.6	293		
		SM Gray fine SAND and SILT (Saturated) (Medium Dense)		8	20.2	199		
10				6	68.8	88.2		
		SM Dark Gray fine SAND and SILT (Saturated) (Medium Dense)	1.17/2	12	70.1	56.7		
11				12	67.6	67.4		
				7	103.7	4.6		
12								

Drilling Subcontractor: ECDI

Northing (NAD 83): 365793.1

Drilling Method: Mud Rotary

Easting (NAD 83): 362193.6

Sampling Method: Split Spoon

Depth to Watertable (ft bgs): 5.0

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Gray fine SAND and SILT (Saturated) (Medium Dense)		7		0		
13		***SM*** Orange fine SAND and SILT (Saturated) (Medium Dense)	1.67/2	11		20.3		
				12		4.1		
14				11		0		
				10		0		
15			1.17/2	12		0		
				9		0		
16		***SM*** Light Brown fine SAND and SILT (Saturated) (Medium Dense)		5		0		
				5		0		
17		***SM*** Gray fine SAND and SILT (Saturated) (Medium Dense)	0.83/2	5		0		
		SM Light Brown fine SAND and SILT (Saturated) (Medium Dense)		5		0		
18				5	0			
		NC No Characterization		5				
19			0/2	5				
				5				
20		***SM*** Orange fine SAND and SILT (Saturated) (Medium Dense)		1		0		Micaceous with Heavy minerals from 20.0' - 22.5'
				2		0		
21		***SM*** Gray fine SAND and SILT (Saturated) (Medium Dense)	1.33/2	3		0		
				7		0		
22		***SM*** Orange fine SAND and SILT (Saturated) (Medium Dense)		8		0		
		SM Orange fine SAND and SILT (Wet) (Medium Dense)		3		0		Micaceous with Heavy minerals increases at 22.5'. Continues to 26.0'
23			1.17/2	1		0		
		SM Gray fine SAND and SILT (Saturated) (Medium Dense)		7		0		
24				3		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Gray fine SAND and SILT (Saturated) (Medium Dense)		2		0		
25		***SM*** Orange fine SAND and SILT (Saturated) (Medium Dense)	2/2	2		0		
				2		0		
		SM Orange Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Medium Dense)		4	0			
26				4				
		NC No Characterization	0/2	4				
27				6				
28		***SM*** Orange Brown with Alternating Gray Bands fine SAND and SILT (Wet) (Medium Dense)		8		0		Micaceous with Heavy minerals from 28.0' - 52.5'
				7		0.2		
29			1.17/2	8		0.6		
				8		0		
30				3		0		
		SM Orange Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Medium Dense)		3		0		
31			1.17/2	4		0		
				3		0		
32		***SM*** Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Medium Dense)		1		0		
				1	230	0		
33			2/2	3	230	0		
				4	343	0.1		
34				1	99.9	0		
				2		0		
35			1.67/2	4	0	0		
				4	34.3	0		
36				4		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Brown fine SAND and SILT (Saturated) (Medium Dense)		5		0		
37			2/2	5		0		
				9		0		
38		***MH*** Brown SILT and fine SAND, trace Clay (Saturated) (Dense)		6	0	0		
				3	35.6	0		
39			1.17/2	6		0		
				6		0		
40				1		0		
				2	0	0		
41		***ML*** Brown SILT, little fine Sand, little Clay (Saturated) (Medium Dense)	2/2	1	41.1	0		
		MH Gray SILT, little Clay, trace fine Sand (Saturated) (Medium Dense)		1		0		
42				3	0	0		
		MH Orange with Alternating Gray Bands SILT, little Clay, trace fine Sand (Saturated) (Medium Dense)		12		0		
43			1.33/2	18		0		
				16		0		
44		***ML*** Brown SILT, little fine Sand, trace Clay (Saturated) (Medium Stiff)		10		0		
				14		0		
45			1/2	17		0		
		ML Dark Gray SILT, little fine Sand, trace Clay (Saturated) (Medium Stiff)		18		0		
46				6		0		
		SM Dark Gray fine SAND, some Silt (Wet) (Medium Stiff)		7		0		
47			0.67/2	14		0		
				10		0		
48				5		0.2		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Dark Gray fine SAND, some Silt (Saturated) (Dense)		5		4.1		
49			1.33/2	11		2.9		
				10		1.9		
50				4		0		Hydrocarbon odor at 50.0'
				4		8		
51			1.33/2	7		0		
				7		0		
52				4		0		
				5		0.7		Micaceous with Heavy minerals and Angular Coarse sand from 52.5' - 56.5'
53		***SM*** Dark Gray fine/coarse SAND, some Silt, trace Clay (Wet) (Medium Stiff)	1.25/2	12		0.7		
				20		0		
54				5	0	1.2		
		SM Dark Gray fine/coarse SAND, some Silt, trace Clay (Moist) (Medium Stiff)		7	61.8	1.4		
55			1/2	8	4.5	0.7		
				10	20.2	0.3		
56				5	12.6	1.5		
				12	32.1	0.8		Micaceous with Heavy minerals from 56.5' - 57.5'
57		***ML*** Dark Gray SILT, trace fine Sand (Moist) (Medium Stiff)	1.5/2	12	11.2	1		
				11		0.6	57.5 - 58	EL - EM
58		***SW-SM*** Dark Gray fine/coarse SAND, little Silt (Saturated) (Loose)		6		16.2		Angular coarse sand from 57.5' - 58.5'
				8		2.6		
59		***MH*** Dark Gray SILT, little Clay (Moist) (Medium Stiff)	1/2	11		3.7		Angular coarse sand, <1% glauconite from 59.0' - 60.5'
		SW-SM Dark Gray fine/coarse SAND, little Silt (Saturated) (Medium Dense)		10		2.2		
60				5		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

205 Campus Drive
Edison, NJ 08837
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Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SW-SM Olive Gray fine/coarse SAND, little Silt (Saturated) (Medium Dense)		6		0		<5% Glauconite from 60.5' - 62.5'
61		***MH*** Olive Gray SILT, little Clay, trace fine Sand (Moist) (Medium Stiff)	0.67/2	8		0		
				7		0		
62				17		8.6		
		MH Dark Gray SILT, little Clay, trace fine Sand (Moist) (Medium Stiff)		33	0	2.9		<2% Glauconite, Fossiliferous, Heavy minerals from 62.5' - 64.5'
63		***SW*** Light Gray fine SAND, trace Silt (Moist) (Dense)	2/2	30	48.9	0.6		
				30	106.1	2.2		
64		***SW*** Light Gray fine SAND, trace Silt (Wet) (Dense)		9	24.6	0		
				11		0		<4% Glauconite, Fossiliferous, Heavy minerals from 64.5' - 66.5'
65		***SW*** Olive Gray fine SAND, trace Silt (Wet) (Dense)	2/2	17		0.8		
				12		0		
66				8	0	0.9		
				12	33.3	0.3		<2% Glauconite, Fossiliferous, Heavy minerals from 66.5' - 73.5'
67		***SW*** Olive Gray fine SAND, trace Silt (Wet) (Dense)	1.5/2	12		0.6		
				13		0		
68				9		0		
				8		0		
69		***SW*** Olive Gray fine SAND, trace Silt (Saturated) (Dense)	1.67/2	13		0		
				12		0		
70				6		0		
				9		0		
71			1.5/2	27		0		
				15		0		
72				11		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

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Log of Borehole: MPSB0181

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0181
Project Location: Gibbsboro, NJ
Date Completed: 4/3/2013
Total Depth (ft bgs): 80
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
73				20		0		
			1.67/2	50		0		
				0		0		Calcareous-fossiliferous from 73.5' - 74.0'
74		***CH*** Olive Gray CLAY (Saturated) (Hard)		39	0			
		NC No Characterization		11				
75			0/2	12				
				13				
76				8		0		Trace glauconite, Heavy minerals, Fossiliferous from 76.0' - 80.0'
		SW-SM Olive fine SAND, little Silt (Saturated) (Dense)		9		0		
77			2/2	12		0		
				17		0		
78				1		0		
		SW-SM Olive fine SAND, little Silt (Moist) (Dense)		2		0		
79			2/2	12		0		Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
				17	0	0		
80		End of Borehole						
81								
82								
83								
84								

Drilling Subcontractor: ECDI
Northing (NAD 83): 365793.1
Drilling Method: Mud Rotary
Easting (NAD 83): 362193.6
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 5.0

205 Campus Drive
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Phone: (732) 417-5800
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Log of Borehole: MPSB0182

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0182

Project Location: Gibbsboro, NJ

Date Completed: 4/8/2013

Total Depth (ft bgs): 72

Geologist/Logger: Dan Raines and Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		2		0		Borehole MPSB0182 was overdrilled for the installation of MPMW0007.
		OL/OH Dark Gray ORGANICS (Moist) (Very Loose)		3		0		
1			2/2	3		0		
				3		0		
2		***SM*** Light Gray fine SAND, some Silt (Saturated) (Loose)		2		0		Micaceous with heavy minerals from 1.0' - 5.0'
				3		0		
3		***SW-SM*** Brown fine SAND, little Silt (Saturated) (Loose)	1.67/2	4		0		
				5		0		
4				3		0		
		SM Orange fine SAND, some Silt (Saturated) (Loose)		4		0		
5			2/2	5		0		Heavy minerals from 5.0' - 9.0'
				7		0		
6		***SM*** Orange fine SAND, some Silt (Saturated) (Loose)		3		0		
				5		0		
7			1.5/2	2		0		
		SM Light Gray fine SAND, some Silt (Saturated) (Loose)		2		0		
8				3		0		
				2		0		
9		***SM*** Orange fine SAND, some Silt (Saturated) (Loose)	1.5/2	2		0		Micaceous with heavy minerals from 9.0' - 51.0'
				4		0		
10				1		0		
		SM Orange fine SAND, some Silt (Saturated) (Loose)		2		0		
11			1.67/2	3		0		
				2		0		
12				2		0		
				3		0		
13		***SM*** Orange fine SAND, some Silt, trace Clay (Saturated) (Loose)	1.67/2	4		0		
				4		0		
14				5		0		
		SM Orange fine SAND, some Silt (Saturated) (Loose)		6		0		
15			1.67/2	5		0		
				5		0		
16		***SM*** Light Brown fine SAND, some Silt (Saturated) (Loose)		3		0		
				3		0		
17			1.17/2	4		0		
		SM Orange with Alternating Gray Bands fine SAND, some Silt (Saturated) (Loose)		4		0		
18				4		0		
				4		0		
19			2/2	4		0		
				8		0		
20				10		0		
				11		0		
21			1.58/2	12		0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 364410.3

Drilling Method: Mud Rotary

Easting (NAD 83): 361552.9

Sampling Method: Split Spoon

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
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Log of Borehole: MPSB0182

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0182
Project Location: Gibbsboro, NJ
Date Completed: 4/8/2013
Total Depth (ft bgs): 72
Geologist/Logger: Dan Raines and Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
22		***SM*** Brown fine SAND, some Silt (Saturated) (Loose)		11 5 6		0 0 0		
23		***SM*** Orange with Alternating Gray Bands fine SAND, some Silt (Saturated) (Loose)	1.83/2	7 7		0 0		
24				8 12		0 0		
25			1.25/2	13 12		0 0		
26				6 16		0 0		
27			1.5/2	12 13		0 0		
28				9 11		0 0		
29		***SM*** Light Brown fine SAND, some Silt (Saturated) (Loose)	1.5/2	9 11		0 0		
30		***MH*** Orange with Alternating Gray Bands SILT, little fine Sand, trace Clay (Wet) (Medium Stiff)		3 8		0 0		
31			1.33/2	8 9		0 0		
32				5 6		0 0		
33			1.67/2	9 11		0 0		
34				3 5		 0		
35		***MH*** Orange with Alternating Gray Bands SILT, little fine Sand, trace Clay (Saturated) (Medium Stiff)	1.33/2	8 9		0 0		
36				3 10		0 0		
37			1.67/2	11 11		0 0		
38				5 6		0 0		
39		***MH*** Orange with Alternating Gray Bands SILT, some fine Sand, trace Clay (Saturated) (Medium Stiff)	2/2	8 6		0 0		
40				8 12		0 0		
41			1.67/2	13 13		0 0		
42				6		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 364410.3
Drilling Method: Mud Rotary
Easting (NAD 83): 361552.9
Sampling Method: Split Spoon
Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0182

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0182

Project Location: Gibbsboro, NJ

Date Completed: 4/8/2013

Total Depth (ft bgs): 72

Geologist/Logger: Dan Raines and Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		MH Orange with Alternating Gray Bands SILT, little fine Sand, little Clay (Wet) (Medium Stiff)		9		0		
43			1.83/2	14		0		
				12		0		
44		***MH*** Orange with Alternating Gray Bands SILT, some fine Sand (Wet) (Medium Dense)		8		0		
				10		0		
45			2/2	8		0		
				7		0		
46		***MH*** Orange with Alternating Gray Bands SILT, some fine Sand (Saturated) (Medium Dense)		2		0		
				6		0		
47			2/2	6		0		
				4		0		
48		***MH*** Orange SILT, some fine Sand (Saturated) (Medium Dense)		1		0		
				3		0		
49		***ML*** Orange SILT, some fine/coarse Sand (Saturated) (Medium Stiff)	1.92/2	3		0		
				6		0		
50				4		0		
		MH Orange SILT, some fine/coarse Sand, trace Clay (Saturated) (Medium Stiff)		4		0		
51			2/2	5		0		Heavy minerals from 51.25' - 53.0'
				6		0		
52		***MH*** Orange SILT and CLAY (Saturated) (Stiff)		4		0		
				6		0		
53			2/2	7		0		Glauconitic from 53.0' - 58.5'
		SW-SM Orange fine/coarse SAND, little Silt (Saturated) (Loose)		11		0		
54				6		0		
				11		0		
55		***SW-SM*** Olive Gray fine/coarse SAND, little Silt (Saturated) (Loose)	2/2	10		0		
				12		0		
56				8		0		
		MH Olive Gray medium to coarse SAND and SILT, some Clay (Moist) (Very Stiff)		8		0		
57			2/2	14		0		
				19		0		
58		***MH*** Dark Gray/Olive medium to coarse SAND and SILT, some Clay (Moist) (Very Stiff)		6		0		
				10		0		Micaceous, Glauconitic from 58.5' - 60.0'
59			2/2	7		0		
		MH Dark Gray/Olive SILT and CLAY, trace fine Sand (Moist) (Very Stiff)		14		0		
60				8		0		Micaceous, Fossiliferous from 60.0' - 61.25'
				10		0		
61		***MH*** Dark Olive Gray SILT and CLAY, trace fine Sand (Moist) (Very Stiff)	2/2	19		0		Glauconitic, Fossiliferous from 61.25' - 63.0'
				24		0		
62				21		0		
				43	0	0		
63			0.67/2	100				Lost sample from 63.0' - 64.0'

Drilling Subcontractor: ECDI

Northing (NAD 83): 364410.3

Drilling Method: Mud Rotary

Easting (NAD 83): 361552.9

Sampling Method: Split Spoon

Depth to Watertable (ft bgs):

205 Campus Drive
Edison, NJ 08837
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Log of Borehole: MPSB0182

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0182

Project Location: Gibbsboro, NJ

Date Completed: 4/8/2013

Total Depth (ft bgs): 72

Geologist/Logger: Dan Raines and Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
64		***SW-SM*** Dark Olive Gray fine SAND, little Silt (Wet) (Hard)		0 17 35		0 0		Glauconitic, Fossiliferous from 64.0' - 68.0'
65		***SW-SM*** Olive fine SAND, little Silt (Wet) (Hard)	2/2	33 32		0 0		
66		***NC*** No Characterization		11 21		0 0		
67		***SW-SM*** Olive Gray fine SAND, little Silt (Moist) (Hard)	1.33/2	23 12	0	0 0		
68		***SW-SM*** Olive fine SAND, little Silt (Wet) (Hard)		50 0				Lost sample from 68.0' - 70.0'
69		***NC*** No Characterization	0/2	0 0				
70		***SW-SM*** Olive fine SAND, little Silt (Wet) (Hard)		11 19		0 0		Glauconitic, Fossiliferous from 70.0' - 72.0'
71			1.5/2	13 15	0	0 0		
72		End of Borehole						Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								

Drilling Subcontractor: ECDI

Northing (NAD 83): 364410.3

Drilling Method: Mud Rotary

Easting (NAD 83): 361552.9

Sampling Method: Split Spoon

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0183

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0183
Project Location: Gibbsboro, NJ
Date Completed: 4/9/2013
Total Depth (ft bgs): 36
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0				Monitoring well MPMW0004 installed in this borehole, MPSB0183.
		FL Asphalt		3		0		
1		SW Yellowish Brown fine to medium SAND, trace Silt (Moist) (Loose)	1.08/2	6		1.3		
				6		2.3		
2				4		12		
				8		2.4		
3		SW Light Grayish Brown fine SAND, trace Silt (Wet) (Loose)	1.17/2	4		2		
				7		3.4		
4				1		338		Petroleum odor
		SM Light Grayish Brown fine SAND and SILT (Moist) (Loose)		2		2240		
5			1.25/2	3		2152		
				2		2220		
6				3		436		Groundwater at 6.0'
		SM Light Grayish Brown fine SAND and SILT (Saturated) (Loose)		2		1306		
7			1.42/2	2		1365		Strong petroleum odor
				6		1699	7.5 - 8	AP - AQ
8		SM Dark Gray fine SAND and SILT (Saturated) (Loose)		1		1601		
				2		906		
9			0.75/2	4		1496		Petroleum odor
		SM Light Grayish Brown fine SAND and SILT (Saturated) (Loose)		5		1132		
10				4		1014		
				4		369		
11			1.25/2	3		779		
		SM Gray fine SAND and SILT (Saturated) (Loose)		5		366		
12				4		882		
				2		310		
13		SM Light Grayish Brown fine SAND and SILT (Saturated) (Loose)	1.58/2	3		233		
				4		188		
14				2		72.9		
		SM Orange Brown fine SAND, some Silt (Saturated) (Loose)		2		26.9		
15			1.67/2	3		21.4		
				2		10.8		
16		SM Orange Brown Alternating Gray bands fine SAND, some Silt (Saturated) (Loose)		4		0		
				8		0		
17			1.83/2	12		0		
				11		0		
18		SM Orange Brown with Alternating Gray Bands fine SAND and SILT (Wet) (Loose)		2		0		
				5		0		
19			1.25/2	10		0		
		SM Orange Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Loose)		8		0		
20				0		0		
				0		0		
21			1.5/2	3		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365804.7
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 362102.0
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0183

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0183
Project Location: Gibbsboro, NJ
Date Completed: 4/9/2013
Total Depth (ft bgs): 36
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
22				4 2		0 0		
23			1.08/2	2 3 4		0 0 0		
24		***SM*** Yellowish Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Loose)		3 4		0 0		
25			0.83/2	6 8		0 0		
26		***SM*** Orange Brown with Alternating Gray Bands fine SAND and SILT, trace Clay (Saturated) (Loose)		2 3		0 0		
27			0.67/2	4 5		0 0		
28				1 2		0 0		
29		***ML*** Orange Brown fine SAND and SILT, some Clay (Moist) (Loose)	1.17/2	3 3		0 0		
30		***SM*** Orange Brown fine SAND and SILT (Saturated) (Loose)		2 3		0 0		
31			1/2	5 5		0 0		
32				1 2		0 0		
33			1.33/2	3 4		0 0		A FID was not used to screen borehole MPSB0183.
34		***SM*** Orange Brown fine SAND and SILT, trace Clay (Saturated) (Loose)		0 0		0 0		Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
35			1.67/2	1 1		0 0		
36		***ML*** Orange Brown and Alternating Gray Bands SILT, some fine Sand, some Clay (Wet) (Very Loose)						
37		End of Borehole						
38								
39								
40								
41								
42								

Drilling Subcontractor: ECDI
Northing (NAD 83): 365804.7
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 362102.0
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0184

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0184
Project Location: Gibbsboro, NJ
Date Completed: 4/10/2013
Total Depth (ft bgs): 20
Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		4		0		Monitoring well MPMW0005 installed in this borehole, MPSB0184.
		SW Brown fine SAND, trace Organics (Dry) (Very Loose)		6		0		
1		***SW-SM*** Dark Grayish Brown, Some Gray bands fine SAND, little Silt (Dry) (Loose) Trace brick and gravel	46	6		0		
				4		0		
2				1		0		
				2		0		
3			67	2		0		
				3		0		
4				9		0		
				4		0		
5		***SP*** Brownish Orange medium to coarse SAND (Dry) (Loose)	100	4		0		
				5		0		
6		***SP-SM*** Light Tan fine SAND, little Silt (Moist) (Dense)		4		0		
				4		0		
7			75	4		0		
				4		0		
8				3		0		
				3		0		
9			79	5		0		
		SP-SM Light Tan, some dark bands fine SAND, little Silt (Moist) (Dense)		5		0		
10				3		0		
		SP-SM Light Tan, some light gray bands fine SAND, little Silt (Moist) (Dense)		2		0		
11			83	3		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 366079.0
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 362390.9
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 11.5

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Log of Borehole: MPSB0184

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0184
Project Location: Gibbsboro, NJ
Date Completed: 4/10/2013
Total Depth (ft bgs): 20
Geologist/Logger: Robert Croskey

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
				3		0		
12		***SP-SM*** Light Tan, some light gray bands fine SAND, little Silt (Saturated) (Dense)		2		0		
				2		0		
13		***SP-SM*** Light Tan, some light gray bands fine to medium SAND, little Silt (Saturated) (Dense)	58	2		0		
				2		0		
14				2		0		
				2		0		
15			58	2		0		
				2		0		
16		***SP-SM*** Dark Tan fine to medium SAND, little Silt (Saturated) (Dense)		2		0		
				3		0		
17			66	4		0		
				6		0		
18				1		0		
				2		0		
19		***SM*** Dark Tan fine to medium SAND, little Silt, trace Organics (Saturated) (Dense)	71	3		0		
		SP-SM Dark Tan fine to medium SAND, little Silt (Saturated) (Dense)		5		0		A FID was not used to screen borehole MPSB0184.
20		End of Borehole						Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
21								
22								

Drilling Subcontractor: ECDI
Northing (NAD 83): 366079.0
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 362390.9
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 11.5

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Log of Borehole: MPSB0185

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0185
Project Location: Gibbsboro, NJ
Date Completed: 4/12/2013
Total Depth (ft bgs): 25
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		MPSB0185 was overdrilled for the installation of monitoring well MPMW0008.
		SM Dark Brown fine to coarse SAND, little Gravel, little Silt, little Organics (Moist) some coal		0		
1				0		
		SM Light Brown fine to coarse SAND, some Silt (Moist)		0		
2				0		
			2.5/5	0		
		SM Brownish Orange fine to coarse SAND, some Silt (Moist)		0		
3				0		
				0		
4				0		
				0		
5				0		
				0		
6				0		
				0		
7				0		
		SM Yellowish Brown fine SAND, some Silt (Moist)	3/5	0		
8				1.3		
				14.8		
9				6.2		
				2.3		
10				26		
				23.1		
11				21.2		
				84.8		
12				131		
			3.5/5	168		
13				332		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365205.3
Drilling Method: Geoprobe
Easting (NAD 83): 362072.1
Sampling Method: Macro-core
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0185

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0185
Project Location: Gibbsboro, NJ
Date Completed: 4/12/2013
Total Depth (ft bgs): 25
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
14		***SM*** Light Grayish Brown fine SAND, some Silt (Moist)		341 658 820	14.5 - 15	BD - BE
15		***SM*** Light Grayish Brown fine SAND, some Silt (Saturated)		344 561		
16		***SM*** Yellowish Brown fine SAND, some Silt (Saturated)		564 318		
17				267		
18			3.5/5	129 106		
19		***SM*** Light Gray fine SAND, some Silt (Saturated)		37.7 36		
20		***SM*** Brownish Orange fine SAND, some Silt (Saturated)		35.6 10.5		
21				7.6 0		
22				0 0		
23		***SM*** Brownish Orange fine SAND, some Silt, little Clay (Saturated)	4/5	0 0		
24		***SM*** Gray fine SAND, some Silt (Saturated)		0 0		Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
25		End of Borehole				
26						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365205.3
Drilling Method: Geoprobe
Easting (NAD 83): 362072.1
Sampling Method: Macro-core
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0186

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0186
Project Location: Gibbsboro, NJ
Date Completed: 4/16/2013
Total Depth (ft bgs): 36
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0				Monitoring well MPMW0014 installed in this borehole, MPSB0186.
		GW Dark Gray GRAVEL (Dry) (Dense) Asphalt and Base Coarse		0				
1			0.5/2	7		63.4		
		SW Brown fine/coarse SAND, trace Gravel, trace Silt (Dry) (Dense)		18		54.9		
2				17		470		
				12		295		
3		***SM*** Yellowish Brown fine SAND, some Silt (Moist) (Medium Dense)	0.83/2	15		87.9		
				15		58.9		
4				12		124		
		SW Yellowish Brown fine/coarse SAND (Moist) (Medium Dense)		15		59.5		
5			1.17/2	17		62.9		
				22		58.6		
6		***SM*** Yellowish Brown fine SAND, some Silt (Moist) (Medium Dense)		13		84.8		
				5		351		
7			1/2	7		893		
				6		1386		
8		***SM*** Yellowish Brown with Alternating Gray Bands fine SAND, some Silt (Moist) (Medium Dense)		5		1627		
				6		1581		
9			1.67/2	6		540		
				9				
10		***NC*** No Characterization		5				
				6				
11			0/2	6				
				9				
12				3				
				4				
13			0/2	4				
				5				
14		***SW-SM*** Yellowish Brown fine SAND, little Silt (Saturated) (Loose)		3		1746		
				3		2228	14.5 - 15	BD - BE
15			0.67/2	4		1763		
		SW-SM Greyish Brown fine SAND, little Silt (Saturated) (Loose)		6		1581		
16				4		1356		Presence of NAPL at 16.0 - 16.5 ft
				7		1731		Strong petroleum odor
17			1.33/2	7		435		
		SM Yellowish Brown with Alternating Gray Bands fine SAND, some Silt (Saturated) (Loose)		8		566		
18				1		805		
				1		184		
19			1.17/2	1		101		
				3		91.5		
20				2		7.4		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365812.4

Drilling Method: Hollow Stem Auger (Mobile B-58)
Easting (NAD 83): 362326.5

Sampling Method: Split Spoon
Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0186

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0186

Project Location: Gibbsboro, NJ

Date Completed: 4/16/2013

Total Depth (ft bgs): 36

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Yellowish Brown with Alternating Gray Bands fine/coarse SAND and SILT (Wet) (Medium Dense)	1.67/2	2 8 12		35.6 40.5 19.1		
22				2		0		
23		***SM*** Yellowish Brown fine SAND and SILT (Saturated) (Medium Dense)	1/2	15 18 11		3.6 0 0		
24				3		0		
25		***SM*** Orange Brown with Alternating Gray Bands fine SAND and SILT (Saturated) (Loose)	2/2	3 4 4		0 0 0		
26				7		0		
27		***SM*** Light Gray fine SAND and SILT (Saturated) (Medium Dense)	1.5/2	17 19 23		0 0 0		
28		***SM*** Light Gray with Alternating Yellow Brown Bands fine SAND and SILT (Saturated) (Medium Dense)		5 7		0 0		
29			1.25/2	9 13		0 0		
30		***SM*** Orange Brown fine SAND and SILT (Wet) (Medium Dense)		4 4		0 0		
31			0.5/2	8 11		0 0		
32				3 6		0 0		
33			1.67/2	8 8		0 0		
34		***SM*** Orange Brown fine SAND and SILT, trace Clay (Moist) (Medium Dense)		3 5		0 0		
35			1.5/2	7 8		0 0		A FID was not used to screen borehole MPSB0186.
36		***SM*** Orange Brown with Alternating Gray Bands fine SAND and SILT (Wet) (Medium Dense)						Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
37		End of Borehole						
38								
39								
40								

Drilling Subcontractor: ECDI

Northing (NAD 83): 365812.4

Drilling Method: Hollow Stem Auger (Mobile B-58)

Easting (NAD 83): 362326.5

Sampling Method: Split Spoon

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0187

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0187
Project Location: Gibbsboro, NJ
Date Completed: 4/17/2013
Total Depth (ft bgs): 36
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0				Monitoring well MPMW0010 installed in this borehole, MPSB0187.
		GW Dark Gray GRAVEL (Dry) (Dense) Asphalt and base coarse		0				
1		***SW-SM*** Dark Gray fine/coarse SAND, little Gravel, little Silt (Dry) (Dense)	1/2	14		610		Coal fragments from 1.0' - 2.0'
				15		1169		
2		***SW-SM*** Dark Gray fine to coarse SAND, little Silt (Moist) (Dense)		15		331		
				16		27.3		
3		***SW-SM*** Brown fine to coarse SAND, little Silt (Moist) (Dense)	1.67/2	24		23.9		
				30		11.8		
4				17		13.1		
				23		5.7		Micaceous, Heavy minerals from 4.5 - 17.5 ft
5		***SM*** Light Gray fine/coarse SAND, little Silt (Wet) (Dense)	1.33/2	23		2.9		
				26		2.3		
6		***SM*** Light Gray fine/coarse SAND, little Silt (Saturated) (Medium Dense)		7		5.7		
				9		0		
7		***SM*** Light Gray fine/coarse SAND, little Silt (Wet) (Loose)	1.67/2	6		1.1		
				4		1.3		
8				4		2.7		
				5		2.4		
9		***SM*** Light Gray fine/coarse SAND, little Silt (Saturated) (Loose)	2/2	4		0		
				4		0		
10				10		0.8		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365618.5
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 361806.8
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0187

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0187
Project Location: Gibbsboro, NJ
Date Completed: 4/17/2013
Total Depth (ft bgs): 36
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Light Gray with Alternating Orange Bands fine/coarse SAND, little Silt (Saturated) (Loose)		11		0		
11		***SM*** Light Gray with Alternating Orange Bands fine/coarse SAND, little Silt (Wet) (Dense)	2/2	13		0		
				15		0		
12		***SM*** Light Gray with Alternating Orange Bands fine/coarse SAND, little Silt (Saturated) (Dense)		2		3.6		
				2		0		
13		***SW-SM*** Gray with Alternating Orange Bands fine SAND, little Silt (Saturated) (Loose)	2/2	2		0		
				3		0		
14				1		0		
				1		0		
15		***SM*** Orange with Alternating Gray Bands fine SAND, some Silt (Saturated) (Loose)	1.83/2	2		0		
				3		0		
16		***SM*** Orange with Alternating Gray Bands fine SAND, some Silt (Wet) (Loose)		3		1.3		
				6		4.4		
17			2/2	11		2.4		
				16		5.3		
18		***SM*** Gray fine SAND, some Silt, trace Clay (Wet) (Medium Stiff)		2		0		
		SM Dark Gray fine SAND, some Silt, trace Clay (Wet) (Medium Stiff)		9		0		Micaceous, Heavy minerals from 18.25 - 36.0 ft
19		***SM*** Gray fine SAND, some Silt (Wet) (Medium Dense)	2/2	15		2.1		
				20		2.8		
20		***SM*** Dark Gray fine SAND, some Silt (Wet) (Medium Dense)		1		8.8		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365618.5
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 361806.8
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0187

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0187
Project Location: Gibbsboro, NJ
Date Completed: 4/17/2013
Total Depth (ft bgs): 36
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Dark Gray with Alternating Light Gray Bands fine SAND, some Silt (Saturated) (Medium Dense)		2		0		
21		***SM*** Dark Gray with Alternating Light Gray Bands fine SAND and SILT, trace Clay (Saturated) (Medium Stiff)	1.92/2	5		0		
				12		0		
22		***SM*** Dark Gray with Alternating Light Gray Bands fine SAND and SILT, trace Clay (Wet) (Medium Stiff)		4		0		
				8		0		
23		***SM*** Dark Gray with Alternating Light Gray Bands fine SAND and SILT, trace Clay (Moist) (Medium Stiff)	2/2	12		0		
				18		0		
24		***SM*** Brown fine SAND and SILT, trace Clay (Wet) (Medium Stiff)		3		0		
				5		0		
25		***SM*** Dark Gray fine SAND and SILT, trace Clay (Moist) (Medium Stiff)	2/2	10		0		
		SM Dark Gray fine SAND and SILT, trace Clay (Wet) (Medium Stiff)		13		0		
26		***SM*** Dark Gray fine SAND and SILT, trace Clay (Wet) (Medium Stiff)		10		0		
				27		0		
27		***SW-SM*** Dark Gray fine SAND, little Silt (Wet) (Stiff)	2/2	32		0		
				26		0		
28		***SW-SM*** Dark Gray fine SAND, little Silt (Saturated) (Stiff)		4		0		
				11		0		
29		***SM*** Dark Gray fine SAND and SILT, trace Clay (Moist) (Medium Stiff)	2/2	15		0		
				17		0		
30		***SW-SM*** Dark Gray fine SAND, little Silt (Saturated) (Dense)		3		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365618.5
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 361806.8
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0187

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0187
Project Location: Gibbsboro, NJ
Date Completed: 4/17/2013
Total Depth (ft bgs): 36
Geologist/Logger: Dan Raines

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
31			2/2	3 10 20		0 0 0		
32				5 12		0 0		
33		***SM*** Dark Gray fine SAND and SILT, trace Clay (Moist) (Medium Stiff)	2/2	20 32		0 0		
34		***SM*** Dark Gray fine SAND and SILT, trace Clay (Saturated) (Medium Stiff)		2 3		0 0		
35			2/2	17 23		0 0		A FID was not used to screen borehole MPSB0187.
36		End of Borehole						Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
37								
38								
39								
40								

Drilling Subcontractor: ECDI
Northing (NAD 83): 365618.5
Drilling Method: Hollow Stem Auger
Easting (NAD 83): 361806.8
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0188

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0188

Project Location: Gibbsboro, NJ

Date Completed: 5/1/2013

Total Depth (ft bgs): 80

Geologist/Logger: Ernie Salazar

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		7		0		
		FL Fill: Soil (Wet) (Medium Dense)		10		0		MPSB0188 was overdrilled for the installation of monitoring well MPMW0013.
1			0.83/2	15		0		
		FL Fill: Soil (Wet) (Loose)		10		0		
2				10		0		
				10		0		
3			0.33/2	7		0		
				10		0		
4				2		0		
		SM Brownish Black fine to coarse SAND, some Silt (Wet) (Loose)		6		0		
5			0.33/2	4		0		
				5		0		
6				5		0		Red brick fragments from 6.0' - 9.0'
		SM Reddish Brown fine to coarse SAND, little Silt (Wet) (Medium Dense)		11		0		
7			0.92/2	15		0		
				8		0		
8				6		0		
				10		0		
9			0.58/2	11		0		
		SM Grayish Orange fine to medium SAND, some Silt (Wet) (Medium Dense)		6		0		
10				2		0		
				4		0		Mica and Heavy minerals from 10.5' - 34.0'
11		SM Grayish Orange fine to medium SAND, some Silt (Saturated) (Medium Dense)	0.58/2	7		0		
				7		0		
12				3		0		
				4		0		
13			1/2	3		0		
				2		0		
14				3		0		
		SM Brownish Orange fine to medium SAND, little Silt (Saturated) (Medium Dense)		5		0		
15			0.29/2	6		0		
				9		0		
16				6		0		
				9		0		
17			0.46/2	10		0		
				12		0		
18				10		0		
				14		0		
19			0.67/2	10		0		
				8		0		
20				2		0		
				1		0		
21			0.875/2	3		0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365528.7

Drilling Method: Mud Rotary

Easting (NAD 83): 361515.2

Sampling Method: Split Spoon

Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0188

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0188
Project Location: Gibbsboro, NJ
Date Completed: 5/1/2013
Total Depth (ft bgs): 80
Geologist/Logger: Ernie Salazar

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
22		***SM*** Light Orange fine to medium SAND, some Silt (Saturated) (Medium Dense)		4 2 3		0 0 0		
23			0.46/2	6 8		0 0		
24				5 5		0 0		
25			0.42/2	4 5		0 0		
26				3 3		0 0		
27			0.625/2	4 8		0 0		
28				1 1		0 0		
29		***SM*** Brownish Orange fine to medium SAND and SILT (Saturated) (Medium Dense)	0.92/2	2 1		0 0		
30				3 5		0 0		
31		***SP-SM*** Light Gray fine to medium SAND, little Silt (Saturated) (Medium Dense)	1.5/2	9 8		0 0		
32				4 4		0 0		
33			0.58/2	3 3		0 0		
34		***SM*** Light Brown fine to coarse SAND and SILT (Saturated) (Medium Dense)		5 3		0 0		Trace mica, heavy minerals from 34.0' - 36.0'
35			0.625/2	3 5		0 0		
36		***SM*** Brown fine to medium SAND and SILT (Saturated) (Medium Dense)		1 1		0 0		Trace mica from 36.0' - 38.0'
37			0.875/2	1 1		0 0		
38		***SM*** Dark Gray fine to medium SAND and SILT (Wet) (Medium Dense)		3 4		0 0		Mica from 38.0' - 53.0'
39			1.5/2	8		0 0		
40				3 5		0 0		
41			1.55/2	7 6		0 0		
42				4		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365528.7
Drilling Method: Mud Rotary
Easting (NAD 83): 361515.2
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0188

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0188
Project Location: Gibbsboro, NJ
Date Completed: 5/1/2013
Total Depth (ft bgs): 80
Geologist/Logger: Ernie Salazar

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
43			1.58/2	10 12 11		0 0 0		Coarse sand lens at 43.5'
44				7 8		0 0		
45		***SM*** Dark Green fine to medium SAND, some Silt (Moist) (Dense)	1/2	9 9		0 0		
46				9 7		0 0		
47		***MH*** Dark Green SILT, some fine Sand (Moist) (Stiff)	1.42/2	8 9		0 0		
48				35 45		0 0		Fine to coarse sand, Fine gravel at 48.5'
49		***SM*** Dark Green fine to coarse SAND, little Silt (Moist) (Dense)	1/2			0 0		
50		***SM*** Greenish Gray fine to coarse SAND, little Silt (Moist) (Dense)		20 25		0 0		
51			1.83/2	35 35		0 0		
52				10 12		0 0		
53			1.83/2	18 19		0 0		Rock fragment at 53.5'
54		***SP-SM*** Light Gray fine to medium SAND, little Silt (Saturated) (Dense)		10 12		0 0		Mica and Heavy minerals from 53.5' - 70.0'
55			2/2	14 14		0 0		
56				10 10		0 0		
57			1.48/2	14 18		0 0	57.5 - 58	EL - EM
58				10 8		0 0		Fine to coarse sand at 58.5'
59			1.58/2	12 12		0 0		
60				10 12		0 0		
61			2/2	18 16		0 0		
62				8 8		0 0		
63			1.75/2	10		0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365528.7
Drilling Method: Mud Rotary
Easting (NAD 83): 361515.2
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0188

Project: Former Manufacturing Plant

Client: Sherwin Williams
Borehole Completed As: MPSB0188
Project Location: Gibbsboro, NJ
Date Completed: 5/1/2013
Total Depth (ft bgs): 80
Geologist/Logger: Ernie Salazar

SUBSURFACE PROFILE			SAMPLE					
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
64		**SM** Gray fine to coarse SAND, little Silt, little Gravel (Saturated) (Medium Dense)		9 8 912		0 0 0		
65		**SM** Gray fine to medium SAND, some Silt (Saturated) (Dense)	1.83/2	12 18		0 0		
66				14 12		0 0		
67			2/2	20 23		0 0		
68				7 10		0 0		
69		**SM** Gray fine to coarse SAND, little Silt (Wet) (Dense)	1.83/2	8 9		0 0		
70		**NC** No Characterization		100	0	0 0		Lost tip of sampler down the hole from 70.0' - 72.0'
71			0/2			0 0		
72				18 26		0 0		Baskets destined at 72.0' - 74.0' interval, 74.0' - 76.0' interval, and 76.0' - 78.0' interval. Drilling was hard. Cuttings show a white coarse sand with minerals.
73			0/2	26 28		0 0		
74				8 12		0 0		
75			0/2	14 18		0 0		
76		**SM** Dark Grayish Green fine to coarse SAND, some Silt, trace Gravel (Wet) (Dense)		6 12		0 0		Fossiliferous (gravel and coarse sand), calcareous (confirmed with HCl) from 76.0' - 78.0' interval.
77			0/2	26 18		0 0		
78				6 12		0 0		
79			1.75/2	26 18		0 0		
80		End of Borehole						Borehole coordinates are from monitoring well surveying completed by Borbas Surveying & Mapping, LLC on July 18, 2013.
81								
82								
83								
84								

Drilling Subcontractor: ECDI
Northing (NAD 83): 365528.7
Drilling Method: Mud Rotary
Easting (NAD 83): 361515.2
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0189

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0189

Project Location: Gibbsboro, NJ

Date Completed: 06/17/2014

Total Depth (ft bgs): 10

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		6.1	2.8		0	0 - 2	AA-AE
		FL Fill: Light Brownish Gray fine to medium SAND (Moist) (Loose)					0		
1		***FL*** Fill: Brownish Orange fine to medium SAND (Moist) (Loose)					0		
				7.1	4.5		0		
2							0		
			3/5				0		
3		***FL*** Fill: Light Brownish Gray fine to medium SAND (Wet) (Loose)					0		
				7.6	2.7		0		
4							0		
				6.2	2.2		0	4.5 - 5	AJ-AK
5				6.1	2.2		0	5 - 5.5	AK-AL
		SW Light Brownish Gray fine to medium SAND (Saturated) (Loose)					0		
6							0		
							0		
7							0		
			5/5				0		
8							0		
							0		
9		***SW*** Grayish White medium SAND (Wet)					0		
							0		
10		End of Borehole							0.41 ft of concrete above ground surface
11									

Drilling Subcontractor: SET

Northing (NAD 83): 366425.942

Drilling Method: Geoprobe

Easting (NAD 83): 361764.041

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0190

Project: 6 East Clementon Road

Client: Sherwin Williams
Borehole Completed As: MPSB0190
Project Location: Gibbsboro, NJ
Date Completed: 06/17/2014
Total Depth (ft bgs): 5
Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		195.5	10		0	0 - 0.5	AA-AB
		FL Fill: Brown medium SAND (Moist) (Loose)					0		
1		***SW*** Orangish Brown fine to medium SAND (Moist) (Medium Dense)					0		
				5.5	2.6		0	1.5 - 2	AD-AE
2		***SW*** Brownish Orange medium SAND (Saturated) (Soft)					0		
			4/5				0		
3							8.2		
				9.2	4.6		0.8	3.5 - 4	AH-AI
4							2.2		
							0.7		A FID was not used to screen borehole MPSB0190.
5		***SW*** Orangish Brown fine to medium SAND (Saturated) (Medium Dense)							
		End of Borehole							0.42 ft of concrete above ground surface
6									
7									
8									

Drilling Subcontractor: SET
Northing (NAD 83): 366365.966
Drilling Method: Geoprobe
Easting (NAD 83): 361822.533
Sampling Method: Trowel
Depth to Watertable (ft bgs): 2

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Log of Borehole: MPSB0191

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0191

Project Location: Gibbsboro, NJ

Date Completed: 06/17/2014

Total Depth (ft bgs): 10

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		11.9	2.0		0	0 - 2	AA-AE
		SW Orangish Brown medium SAND (Moist) (Loose)					0		
1							0		
				5.3	2.6		0		
		SW Light Brown medium SAND (Wet) (Medium Dense)					0		
2							0		
			3/5				0		
3							0		
							0		
4							0		
				9.1	2.8		0	4.5 - 5	AJ-AK
5				5.1	2.5		0	5 - 5.5	AK-AL
		SW Orange medium SAND (Saturated) (Loose)					0		
6							0		
							0		
7							0		
			5/5				0		
8							0		
							0		
9							0		
		SW Brownish Orange with Gray mottling medium SAND (Moist) (Loose)					0		A FID was not used to screen borehole MPSB0191.
10		End of Borehole							0.43 ft of concrete above ground surface
11									

Drilling Subcontractor: SET

Northing (NAD 83): 366361.626

Drilling Method: Geoprobe

Easting (NAD 83): 361706.978

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0192

Project: 6 East Clementon Road

Client: Sherwin Williams
Borehole Completed As: MPSB0192
Project Location: Gibbsboro, NJ
Date Completed: 06/17/2014
Total Depth (ft bgs): 10
Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		1325.3	613.0		0	0 - 2	AA-AE
		FL Fill: Black cinders and brick (Moist)					0		Green discoloration from 0.5-1.0 ft
1							0		Green discoloration smear zone from 1.0-1.5 ft
		SW Light Brown fine to medium SAND (Moist) (Medium Dense)		22.9	7.7		0		
2							0		
			3/5				0		
3							0		
				7.9	9.4		0		
4							0		
		SW Light Brown fine to medium SAND (Wet) (Medium Dense)		6.8	51.6		0	4.5 - 5	AJ-AK
5		***SW*** Light Brown fine to medium SAND (Saturated) (Medium Dense)					0		
							0		
6							0		
				10.3	25.1		0		
7							0		
			5/5				0		
8							0		
				7	3.0		0		
9				6.0	3.1		0	9 - 9.5	AS-AT
		SW Light Brown fine to medium SAND (Moist) (Medium Dense)					0		A FID was not used to screen borehole MPSB0192.
10		End of Borehole							0.40 ft of concrete above ground surface
11									

Drilling Subcontractor: SET
Northing (NAD 83): 366284.917
Drilling Method: Geoprobe
Easting (NAD 83): 361770.264
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0193

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0193

Project Location: Gibbsboro, NJ

Date Completed: 06/17/2014

Total Depth (ft bgs): 10

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		58.8	8.7		0	0 - 2	AA-AE
		SW Light Brown medium SAND (Moist) (Loose)					0		
1							0		
				39.9	17.3		0		
2		***SW*** Light Brown medium SAND (Moist) (Stiff)					0		
			3.5/5				0		
3		***SP*** Orangish Brown fine to medium SAND (Moist) (Stiff)					0		
				15.5	2.9		0		
4							0	4 - 4.5	AI-AJ
				6.4	2.7		0		
5		***SP*** Orangish Brown fine to medium SAND (Saturated) (Stiff)		19.6	2.6		0	5 - 5.5	AK-AL
		SW Light Brown medium SAND (Saturated) (Loose)					0		
6							0		
							0		
7		***SP*** Brownish Orange fine to medium SAND (Wet) (Medium Dense)					0		
			4.5/5				0		
8		***SP*** Brownish Orange fine to medium SAND (Saturated) (Medium Dense)					0		
							0		
9							0		
		SP Orangish Brown fine to medium SAND (Moist) (Medium Dense)					0		A FID was not used to screen borehole MPSB0193.
10		End of Borehole							0.42 ft of concrete above ground surface
11									

Drilling Subcontractor: SET

Northing (NAD 83): 366268.228

Drilling Method: Geoprobe

Easting (NAD 83): 361663.497

Sampling Method: Trowel

Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0194

Project: 6 East Clementon Road

Client: Sherwin Williams
Borehole Completed As: MPSB0194
Project Location: Gibbsboro, NJ
Date Completed: 06/18/2014
Total Depth (ft bgs): 20
Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		363	36.0		0	0 - 2	AA-AE
		SP Light Brown fine to medium SAND (Moist) (Loose)					0		
1		SP Light Brown with Orange mottling fine to medium SAND (Moist) (Medium Dense)					0		
				330.3	33.0		0		Brick and cinder from 1.5-2.0 ft
2							0		
			3.5/5				0		
3							0		
				12.0	77.6		0	3.5 - 4	AH-AI
4							0		
							0		
5				67.0	39.6		0	5 - 5.5	AK-AL
		SP Light Brown with Orange mottling fine to medium SAND (Moist) (Medium Dense)		75.8	30.8		0		
6		SP Light Brown fine to medium SAND (Saturated) (Loose)					0		
							0		
7							0		
		SP Brownish Orange fine to medium SAND (Saturated) (Loose)	5/5	7.4	25.7		0		
8							0		
							0		
9							0		
				8.7	11.2		0	9 - 9.5	AT-AU
		SP Brownish Gray fine to medium SAND (Moist) (Medium Dense)							
10				10.5	40.1		0		
							0		

Drilling Subcontractor: SET
Northing (NAD 83): 366235.544
Drilling Method: Geoprobe
Easting (NAD 83): 361783.922
Sampling Method: Trowel
Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0194

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0194

Project Location: Gibbsboro, NJ

Date Completed: 06/18/2014

Total Depth (ft bgs): 20

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
11		***SP*** Orange and Light Brown fine to medium SAND (Saturated) (Loose)		7.8	25.9		0		
							0		
12				12.3	42.9		0		
			4/5				0		
13		***SP*** Light Brown with Orangish Red mottling fine to medium SAND (Saturated) (Loose)					0		
							0		
14		***SP*** Orangish Brown fine to medium SAND (Wet) (Medium Dense)		7.3	67.3		0	14 - 14.5	BC-BD
							0		
15							0		
							0		
16		***SW*** Orangish Brown fine SAND (Wet) (Medium Dense)		8.7	58.9		0		
							0		
17		***SW*** Orangish Tan fine SAND (Saturated) (Loose)					0		
			4.5/5				0		
18		***SW*** Orange fine SAND (Saturated) (Loose)		7.6	13.8		0		
		SW Tan fine SAND (Saturated) (Medium Dense)					0		
19							0		
				6.1	7.3		0	19.5 - 20	BN-BO
20		***SW*** Orange fine SAND (Wet) (Medium Dense)							
		End of Borehole							A FID was not used to screen borehole MPSB0194. 0.46 ft of concrete above ground surface
21									

Drilling Subcontractor: SET

Northing (NAD 83): 366235.544

Drilling Method: Geoprobe

Easting (NAD 83): 361783.922

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0195

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0195

Project Location: Gibbsboro, NJ

Date Completed: 06/18/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		11.9	4.2		0	0 - 2	AA-AE
		SP Orange medium to coarse SAND (Moist) (Loose)					0		
1							0		
				264.7	30.1		0		
		SW Brown medium SAND (Moist) (Medium Dense)					0		
2			3.75/5				0		
							0		
3		***FL*** Fill: Reddish Brown medium Sand, Brick, ash, some concrete (Moist) (Medium Dense)		862.0	21.3		0	3.5 - 4	AH-AI
							0		
4							0		
							0		
5		***SP*** Brownish Red medium to coarse SAND (Wet) (Medium Dense)		499.0	43.7		0		
							0		
6		***GP*** Brown GRAVEL (Moist) (Loose)					0		
		SP Orangish Brown with Gray mottling fine to medium SAND (Moist) (Medium Dense)					0		Mottling made up of fine sand
7			4/5	7.9	43.9		0		
							0		
8							0		
							0		
9				9.1	32.9		0	9.5 - 10	AT-AU
							0		
10		***SP*** Brownish Orange fine to medium SAND (Saturated) (Loose)					0		
							0		
11				10.7	41.8		0		
							0		
12		***SP*** Brownish Orange fine to medium SAND (Saturated) (Medium Dense)	5/5				0		
							0		
13				7.0	1.9		0		
14				9.7	2.2		0	14 - 14.5	BC-BD
		SW Brownish Gray fine SAND (Wet) (Medium Dense)					0		
15		End of Borehole							A FID was not used to screen borehole MPSB0195.
16									0.5 ft of concrete above ground surface

Drilling Subcontractor: SET

Northing (NAD 83): 366210.176

Drilling Method: Geoprobe

Easting (NAD 83): 361795.507

Sampling Method: Trowel

Depth to Watertable (ft bgs): 10

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Log of Borehole: MPSB0196

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0196

Project Location: Gibbsboro, NJ

Date Completed: 06/18/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		177.4	11.8		0	0 - 0.5	AA-AB
		SW Brown medium SAND (Moist) (Loose)					0		
1							0		
				254.3	31.3		0	1.5 - 2	AD-AE
2							0		
		SP Brownish Black medium SAND, some Gravel (Moist) (Loose)	3/5				0		
3							0		
		SP Brownish Gray fine to medium SAND (Moist) (Medium Dense)		14.2	15.2		0		
4							0		
		SW Brownish Orange fine to medium SAND (Moist) (Medium Dense)					0		
5							0		
				67.1	28.0		0		
6		***SP*** Gray fine SAND (Moist) (Medium Dense)					0		
							0		
7		***SW*** Brownish Orange fine to medium SAND (Moist) (Medium Dense)					0		
			5/5	7.1	16.7		0		
8				9.9	31.0		0		
							0		
9		***SP*** Gray fine to medium SAND (Wet) (Medium Dense)					0		
				14.5	5.0		0		
10							0		
							0		
11							0		
				12.2	5.3		0	11.5 - 12	AX-AY
12		***SP*** Brownish Orange fine SAND (Saturated) (Medium Dense)					0		
			5/5				0		
13							0		
		SP Brownish Orange fine SAND (Wet) (Medium Dense)					0		
14							0		
							0		A FID was not used to screen borehole MPSB0196.
15		End of Borehole							0.48 ft of concrete above ground surface
16									

Drilling Subcontractor: SET

Northing (NAD 83): 366199.078

Drilling Method: Geoprobe

Easting (NAD 83): 361717.013

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0197

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0197

Project Location: Gibbsboro, NJ

Date Completed: 06/18/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		21.1	4.9		0	0 - 2	AA-AE
		SW Orangish Brown medium to coarse SAND, some Gravel (Moist) (Loose)					0		
1							0		
				482.3	22.4		0		
2		***FL*** Fill: Red brick, some medium Brown Sand (Moist) (Loose)					0		
			2/5				0		
3							0		
				6247	64.3		0	3.5 - 4	AH-AI
4							0		
		FL Fill: Brown medium Sand, some concrete and wood fragments (Moist) (Loose)					0		
5				431.0	9.1		0	5 - 5.5	AK-AL
				41.8	4.7		0	5.5 - 6	AL-AM
6		***SW*** Light Brown fine to medium SAND (Moist) (Loose)					0		
							0		
7		***SW*** Light Brown fine to medium SAND (Saturated) (Loose)					0		
			4/5	25.7	3.6		0		
8							0		
							0		
9							0		
		SW Brownish Gray fine to medium SAND (Wet) (Medium Dense)					0		
10		***SW*** Light Brown fine to medium SAND (Saturated) (Loose)					0		
							0		
11							0		
							0		
12							0		
			4/5				0		
13							0		
		SW Brownish Orange fine to medium SAND (Saturated) (Medium Dense)					0		
14		***SW*** Brownish Orange fine to medium SAND (Wet) (Medium Dense)					0		A FID was not used to screen borehole MPSB0197.
15		End of Borehole					0		0.43 ft of concrete above ground surface
16									

Drilling Subcontractor: SET

Drilling Method: Geoprobe

Sampling Method: Trowel

Northing (NAD 83): 366156.132

Easting (NAD 83): 361840.303

Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0198

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0198

Project Location: Gibbsboro, NJ

Date Completed: 06/19/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		14.3	2.7		0	0 - 2	AA-AE
		SW Orangish Brown medium to coarse SAND (Moist) (Loose)					0		
1							0		
				407.7	19.5		0		
2		SP Brown medium to coarse SAND (Moist) (Loose)					0		
			4/5				0		
3							0		
		SP Brown fine to medium SAND (Moist) (Loose)		29.2	38.7		0		
4							0		
				6.9	11.2		0	4.5 - 5	AJ-AK
5							0		
		SP Brown fine to medium SAND (Saturated) (Loose)		15.4	44.6		0		
6							0		
							0		
7		SP Orange fine to medium SAND (Wet) (Medium Dense)					0		
			5/5	7.7	97.3		0	7.5 - 8	AP-AQ
8		SP Light Brownish Orange medium SAND (Saturated) (Loose)					0		
							0		
9		SP Grayish Brown fine to medium SAND (Saturated) (Medium Dense)					0		
				10.9	45.0		0		
10							0		
		SP Gray fine to medium SAND (Moist) (Medium Dense)					0		
11							0		
		SP Orangish Brown fine to medium SAND (Saturated) (Loose)		7.2	61.7		0		
12							0		
			5/5				0		
13							0		
				9.8	28.2		0		
14		SP Orangish Brown with Red mottling fine to medium SAND (Wet) (Medium Dense)					0		
				7.2	66.0		0	14.5 - 15	BD-BE
15		SP Brownish Orange fine to medium SAND (Moist) (Medium Dense)							A FID was not used to screen borehole MPSB0198. 0.43 ft of concrete above ground surface
16		End of Borehole							
17									

Drilling Subcontractor: SET

Northing (NAD 83): 366181.702

Drilling Method: Geoprobe

Easting (NAD 83): 361756.816

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0199

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0199

Project Location: Gibbsboro, NJ

Date Completed: 06/19/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		14.0	4.1		0	0 - 2	AA-AE
		SP Orangish Brown coarse SAND (Moist) (Loose)					0		
1							0		
				10.5	3.1		0		
		SW Black coarse SAND, some Gravel (Moist) (Loose)					0		
2			3.5/5				0		
		SP Orange coarse SAND (Moist) (Loose)					0		
3							0		
		SP Brown medium to coarse SAND (Moist) (Loose)		690.3	13.7		0		
4							0		
							0		
		FL Fill: Brick		176.5	15.6		0	5 - 5.5	AK-AL
5				49.5	58		0	5.5 - 6	AL-AM
		SP Brown coarse SAND (Wet) (Medium Dense)					0		
6							0		
		SP Brown coarse SAND (Saturated) (Medium Dense)					0		
7			4/5	7.9	31.0		0		
		SP Light Brown fine to medium SAND (Wet) (Medium Dense)					0		
8							0		
		SW Brownish Orange fine to medium SAND (Wet) (Medium Dense)					0		
9				8.2	32.6		0		
		SP Gray fine SAND (Moist) (Medium Dense)					0		
10							0		
		SW Brownish Orange fine to medium SAND (Wet) (Medium Dense)					0		
11				9.9	37.6		0		
		SP Blackish Gray fine SAND (Moist) (Medium Dense)	4.75/5				0		
12							0		
		SP Gray fine to medium SAND (Wet) (Medium Dense)		11.6	24.7		0		
13							0		
		SP Brownish Orange fine to medium SAND (Wet) (Medium Dense)		8.2	27		0	14.5 - 15	BD-BE
14									
		End of Borehole							A FID was not used to screen borehole MPSB0199.
15									0.46 ft of concrete above ground
16									

Drilling Subcontractor: SET

Northing (NAD 83): 366158.727

Drilling Method: Geoprobe

Easting (NAD 83): 361777.634

Sampling Method: Trowel

Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0200

Project: 6 East Clementon Road

Client: Sherwin Williams
Borehole Completed As: MPSB0200
Project Location: Gibbsboro, NJ
Date Completed: 06/19/2014
Total Depth (ft bgs): 15
Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		11.4	7.2		0	0 - 2	AA-AE
		SP Brownish Orange coarse SAND (Moist) (Loose)					0		
1							0		
				115.1	3.4		0		
2							0		
		FL Fill: Concrete, brick, ash, some Brown medium Sand (Moist) (Loose)	3.5/5				0		
3							0		
				1424.3	37.7		0	3.5 - 4	AH-AI
4							0		
							0		
5							0		
				16.7	9.2		0		
6		***FL*** Fill: Brick		4.1	5		0	6 - 6.5	AM-AN
							0		Brick fragment smear from 6.25-6.75 ft
7		***SP*** Brown medium SAND (Moist) (Loose)					0		
		SP Brownish Gray fine to medium SAND (Wet) (Medium Dense)	4/5				0		
8							0		
							0		
9		***SP*** Gray fine to medium SAND (Moist) (Medium Dense)					0		
							0		
10				8.9	3.3		0	10 - 10.5	AU-AV
							0		
11		***SP*** Light Brown fine to medium SAND (Saturated) (Medium Dense)					0		
							0		
12							0		
			3.5/5				0		
13		***SW*** Light Brown fine to medium SAND (Saturated) (Medium Dense)					0		
							0		
14							0		
		SP Dark Gray medium SAND (Saturated) (Loose)					0		
15		End of Borehole							A FID was not used to screen borehole MPSB0200.
16									0.40 ft of concrete above ground

Drilling Subcontractor: SET
Northing (NAD 83): 366127.981
Drilling Method: Geoprobe
Easting (NAD 83): 361803.341
Sampling Method: Trowel
Depth to Watertable (ft bgs): 10.5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0201

Project: 6 East Clementon Road

Client: Sherwin Williams

Borehole Completed As: MPSB0201

Project Location: Gibbsboro, NJ

Date Completed: 06/19/2014

Total Depth (ft bgs): 15

Geologist/Logger: Jeff Lynes

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		48.0	5.6		0	0 - 0.5	AA-AB
		SW Brownish Orange coarse SAND, some Gravel (Dry) (Loose)					0		
1							0		
				1458.7	70.3		0	1.5 - 2	AD-AE
2							0		2.5 inch band of bentonite like material at 2 ft.
			3/5				0		
3		***FL*** Fill: Brick					0		
							0		
4		***FL*** Fill: Concrete					0		
				739	26.0		0	4.5 - 5.5	AJ-AL
5		***FL*** Fill: Wood (in first core), Orange coarse SAND (in second core)					0		2 ft. piece of wood found in first core from 5.0-7.0 ft; Green staining found from 5.0-6.75 ft found in second core
				466.3	10.0		0		
6		***SP*** Dark Gray fine to medium SAND (Moist) (Medium Dense)					0		
							0		
7							0		
			3/5	46.8	7.5		0		
8				36	6.4		0	8 - 8.5	AQ-AR
		SP Brownish Orange fine to medium SAND (Moist) (Medium Dense)					0		
9							0		
				11.5	4.5		0	9.5 - 10	AT-AU
10		***SP*** Light Brown fine to medium SAND (Saturated) (Medium Dense)					0		
							0		
11							0		
							0		
12							0		
			5/5				0		
13							0		
							0		
14		***SP*** Orange fine SAND (Saturated) (Soft)					0		
							0		
15		End of Borehole							A FID was not used to screen borehole MPSB0201.
16									0.42 ft of concrete above ground

Drilling Subcontractor: SET

Northing (NAD 83): 366183.547

Drilling Method: Geoprobe

Easting (NAD 83): 361810.847

Sampling Method: Trowel

Depth to Watertable (ft bgs): 10

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Phone: (732) 417-5800
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Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0202

Project Location: Gibbsboro, NJ

Date Completed: 10/16/2015

Total Depth (ft bgs): 108

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		10	4		0	0 - 2	AA-AE
		OL/OH Dark Brown ORGANICS, some Silt, some fine Sand (Dry) (Very Loose)					0		
1							0		
							0		
		SW Yellowish Brown medium SAND, little Gravel (Dry) (Loose)		10	4		0	2 - 4	AE-AI
2			4.8/5				0		
							0		
3		***SW*** Yellow fine to coarse SAND and GRAVEL (Dry) (Loose)					0		
							0		
4				5	5		0	4 - 6	AI-AM
							0		
5							0		
							0		
6		***SW*** Yellow fine to coarse SAND, some Gravel (Dry) (Loose)		5	3		0	6 - 8	AM-AQ
							0		
7		***SP*** Brownish Orange fine SAND, little Gravel (Wet) (Loose) Minor fine gravel lenses at 7'-7.3' and 8'-8.3'. No odor or staining.	4.2/5				0		
							0		
8				3	6		0	8 - 10	AQ-AU
							0		
9							0		
							0		
10		***SP*** Brownish Orange fine SAND (Wet) (Loose)					0.1		
							0.1		
11							0.1		
							0.1		
12		***SM*** Moderate Gray fine SAND, some Silt (Wet) (Soft) Slight organic odor	3.8/5				0.1		
							0.1		
13							0.1		
							0.1		
14							0.1		
							0.3		
15		***SM*** Dark Gray fine SAND, some Silt (Wet) (Soft) Mild odor					0.3		
							0.3		
16							0.3		MPMW0016 installed in borehole MPSB0202.
							0.3		
17							0.3		A FID was not used to screen borehole MPSB0202.
			4.1/5				1.4		
18							0.3		Soil boring advanced on 9/16/2015 with Geoprobe to refusal at 70' bgs. Soil boring advanced on 10/16/2015 with mud rotary drilling and sampling with split spoon.
							0.3		
19							0.3		
							0.6		
20							0.7		

Drilling Subcontractor: ECDI

Northing (NAD 83): 364978

Drilling Method: Geoprobe/Mud Rotary

Easting (NAD 83): 361520

Sampling Method: Macrocore/Split Spoon

Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
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Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0202
Project Location: Gibbsboro, NJ
Date Completed: 10/16/2015
Total Depth (ft bgs): 108
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Dark Gray fine SAND, some Silt (Wet) (Soft) Mild odor					0.7		
							0.7		
22							0.7		
							0.7		
			4.8/5				2.7		
23							0.3		
							0.2		
24							0.3		
							0.3		
25							0.3		
		SM Dark Gray fine SAND, some Silt (Wet) (Soft) Mild odor					0.3		
26							1.2		
							0.3		
27							0.3		
			5/5				0.3		
28							0.3		
							0.3		
29							9.8		
							0.3		
30							0.3		
		SM Light Greenish Gray fine SAND, some Silt (Wet) (Soft) Grading to a medium green with depth.					0.3		
31							0.3		
							0.3		
32							0.3		
			5/5				0.3		
33							0.3		
							0.3		
34							0.3		
							0.3		
35							0.3		
		SP-SM Brownish Yellow fine SAND, little Silt (Wet) (Soft) Grading to a darker brown with depth around 38.9'. No odor.					0.3		
36							0.3		
							0.3		
37							0.3		
			5/5				0.3		
38							0.3		
							0.3		
39							0.3		
							0.3		
40							0.3		

Drilling Subcontractor: ECDI
Northing (NAD 83): 364978

Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 361520

Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 108

Borehole Completed As: MPSB0202
Date Completed: 10/16/2015
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***SM*** Brownish Yellow fine SAND, some Silt (Wet) (Soft) No odor					0.3		
42							0.3		
43			5/5				0.3		
44							0.3		
45							0.3		
46		***MH*** Brownish Yellow SILT and fine SAND, little Clay (Wet) (Soft) No odor					0.3		
47							0.3		
48			5/5				0.3		
49							0.3		
50							0.3		
51		***MH*** Brownish Yellow SILT and fine SAND, little Clay (Wet) (Soft) No odor					0.3		
52							0.3		
53			5/5				0.3		
54							0.3		
55							0.3		
56		***MH*** Brownish Gray SILT, some fine Sand, some Clay (Wet) (Soft)					0.3		
57							0.3		
58		***SM*** Light Grayish Brown fine/coarse SAND, some Silt, some Clay (Wet) (Soft) Grades into a dark brown coarse sand.	5/5				0.3		
59							0.3		
60							0.3		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe/Mud Rotary
Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 364978
Easting (NAD 83): 361520
Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 108

Borehole Completed As: MPSB0202

Date Completed: 10/16/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***SM*** Dark Grayish Brown fine/coarse SAND, some Silt, some Clay (Wet) (Soft)					0.3 0.3 0.3		
62		***MH*** Dark Grayish Green SILT and CLAY, little fine Sand (Wet) (Stiff)	3.5/5				0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3		
65		***MH*** Dark Grayish Green SILT and CLAY, little fine Sand (Wet) (Stiff)					0.3 0.3		
67			5/5				0.3 0.3 0.3 0.3 0.3 0.3		
68		***SM*** Dark Grayish Green fine/coarse SAND, some Silt, little Clay (Saturated) (Stiff) Geoprobe refusal at 70'							
70		Not characterized							
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe/Mud Rotary

Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 364978

Easting (NAD 83): 361520

Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0202
Project Location: Gibbsboro, NJ
Date Completed: 10/16/2015
Total Depth (ft bgs): 108
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
81									
82									
83									
84									
85							0.3		
86		***CH*** Dark Green CLAY, some fine Sand (Wet) (Soft) Began using mud rotary drilling and began sampling with split spoon.	1.5/2				0.3 0.2		
87							0.2		
88		***SM*** Dark Grayish Green fine to medium SAND, some Silt (Wet) (Stiff) Abundant white fossils about 30% in sample.	1.8/2				2.2 2.7 6.3		
89									
90		***SM*** Dark Grayish Green fine to medium SAND, some Silt (Wet) (Stiff) Abundant white fossils about 30% in sample. Uniform throughout.	0/2						
91							1.4		
92		***SM*** Dark Grayish Green fine to medium SAND, some Silt, little Clay (Wet) (Soft) No odor, No fossils.	0.4/2				1.4 0.3		
93		Not Characterized					0.3 0.3		
94		***SM*** Dark Grayish Green fine to medium SAND, some Silt, little Clay (Wet) (Soft) Some trace fossils fragments.	0.8/2						
95									
96		***SM*** Dark Grayish Green fine to medium SAND, some Silt, little Clay (Wet) (Soft) Trace amounts of fossil fragments.	0/2						
97		Not Characterized							
98			0/2						
99		***SM*** Light Green fine to medium SAND, some Silt, some Clay (Wet) (Soft)		9	10		0 0	99-101	HQ-HU
100			1.8/2				0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 364978

Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 361520

Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0202

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 108

Borehole Completed As: MPSB0202

Date Completed: 10/16/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
101							0		
							0		
		SC Light Green fine SAND and CLAY (Wet) (Stiff) High plasticity					0		
102			0.2/2				0		
							0		
103		Not Characterized							
104									
105		End of Borehole							
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe/Mud Rotary

Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 364978

Easting (NAD 83): 361520

Depth to Watertable (ft bgs): 7

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0203

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 70

Borehole Completed As: MPSB0203

Date Completed: 9/15/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		26	4		0	0 - 2.5	AA-AF
		SP Dark Yellowish Brown fine to medium SAND (Dry) (Loose)					1.4		
1							3		
							40		
2				177	7		30.6	2.5 - 4.0	AF-AI (Split Sample)
			3.1/5				0.3		
3		***MH*** Dark Grayish Brown SILT, some Clay (Moist) (Medium Stiff)					0.3		
							0.3		
4		Black staining common with strong odor.		42	4		0.3	4.0 - 6.0	AI-AM
		MH Yellowish Brown SILT, some fine Sand, little Clay (Moist) (Stiff) Moderate odor					0.3		
5							3.4		
							35.8		
6				15	3		62.8	6.0 - 8.0	AM-AQ
		MH Brownish Gray SILT and fine to medium SAND (Moist) (Soft) Mild odor					21.6		
7							22.8		
			3.5/5				8.3		
8		***SP-SM*** Light Gray fine to medium SAND, little Silt (Wet) (Stiff)		10	3		8.3	8.0 - 10.0	AQ-AU
							0.3		
9							0.3		
		SP-SM Yellowish Brown fine to medium SAND, little Silt (Wet) (Soft) Slight odor							
10							4.8		
							2.5		
11							3.5		
		SP-SM Light Yellowish Gray fine to medium SAND, little Silt (Wet) (Soft)					6.4		
12							9.5		
			4.5/5				0.3		
13		***SM*** Dark Gray fine SAND and SILT (Wet) (Soft) Mild odor					0.3		
							2.5		
14									
15		***SM*** Light Gray fine SAND and SILT (Wet) (Soft)							
16									
17									
			5/5						Soil boring advanced on 9/14/2015 0-60'bgs and 9/15/2015 60-70'bgs. A FID was not used to screen the soil boring. MPMW0027-MPMW0029 installed proximal to MPSB0203.
18									
19									
20									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365139

Easting (NAD 83): 361466

Depth to Watertable (ft bgs): 6

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0203

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0203
Project Location: Gibbsboro, NJ
Date Completed: 9/15/2015
Total Depth (ft bgs): 70
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Moderate Gray fine SAND and SILT (Wet) (Soft)							
22			5/5						
23									
24									
25		***SM*** Light Gray fine SAND, some Silt, little Clay (Wet) (Soft)							
26									
27		***MH*** Grayish Tan SILT and fine SAND, little Clay (Wet) (Soft)	3.8/5						
28		***SP*** Moderate Yellowish Gray fine to medium SAND (Wet) (Soft)							
29				8	3			29.0 - 30.0	CG-CK (Split Sample)
30		***SM*** Moderate Yellowish Gray fine SAND and SILT, little Clay (Wet) (Soft) No odor							
31									
32		***SM*** Dark Gray fine SAND and SILT (Wet) (Soft) No odor	5/5						
33									
34									
35		***SM*** Dark Grayish Brown fine SAND and SILT, little Clay (Saturated) (Soft) No odor					0.2		
36							0.3		
37							0.1 0.2 0.3		
38			5/5						
39							0.4 30.1		
40							0.8 0.8		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365139
Drilling Method: Geoprobe
Easting (NAD 83): 361466
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 6

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
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Log of Borehole: MPSB0203

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0203

Project Location: Gibbsboro, NJ

Date Completed: 9/15/2015

Total Depth (ft bgs): 70

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***SM*** Light Greenish Gray fine SAND, some Silt, little Clay (Saturated) (Soft) No odor					1.3		
42							1.3		
43			4.2/5				1.3		
44							1		
45							1		
46		***MH*** Light Brown SILT, some fine Sand, some Clay (Wet) (Soft)					0.9		
47							1.3		
48			2.1/5				1.3		
49							1.3		
50							0.3		
51		***MH*** Light Brown fine SAND and SILT, some Clay (Saturated) (Soft)					0.4		
52							0.5		
53		***MH*** Dark Greenish Gray SILT, some fine Sand, some Clay (Wet) (Stiff)	5/5				0.6		
54							0.6		
55							0.6		
56		***MH*** Dark Greenish Gray SILT, some fine Sand, some Clay (Wet) (Stiff)					0.6		
57							0.6		
58			5/5				0.6		
59							0.6		
60							0.6		
							0.6		
							0.6		
							0.6		
							0.7		
							0.8		
							0.3		
							04		
							0.5		
							0.5		
							0.6		
							0.6		
							0.6		
							0.6		
							0.6		
							0.6		
							0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365139

Drilling Method: Geoprobe

Easting (NAD 83): 361466

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0203

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0203
Project Location: Gibbsboro, NJ
Date Completed: 9/15/2015
Total Depth (ft bgs): 70
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***MH*** Grayish Green SILT and fine SAND, little Clay (Wet) (Stiff) No odor					0		
62							0		
63			5/5				0		
64				7	6		0	64.0 - 66.0	EY-FC
65		***MH*** Greenish Gray SILT and fine SAND, little Clay (Wet) (Stiff)					0		
66							0		
67			5/5				0		
68							0		
69							0		
70		End of Borehole					0		
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365139
Drilling Method: Geoprobe
Easting (NAD 83): 361466
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 6

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0204

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0204
Date Completed: 9/17/2015
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		8	3		0	0 - 2	AA-AE
		OL/OH Dark Brown ORGANICS, some Silt, some fine Sand (Dry) (Loose)					0		
1							0.1		
		SP Yellowish Brown fine SAND, little Gravel (Dry) (Loose) One grayish brown lamination in sample.					0.1		
2				16	4		0.1	2 - 4	AE-AI
			3.9/5				0.1		
3							0.1		
							0.1		
4				12	4		0.1	4 - 7	AI-AQ
							0.1		
5		***SP*** Yellowish Brown fine SAND, little Gravel (Dry) (Loose) One grayish brown lamination in sample.					0.1		
							0.1		
6							0.1		
							0.1		
7		***SM*** Dark Gray fine SAND, some Silt (Moist) (Soft) Slight odor		10	4		0.3	7 - 8	AO-AQ
			4.3/5				0.3		
8				11	3		0.7	8 - 10	AQ-AU
							0.3		
9									
									A FID was not used to screen MPSB0204.
10		End of Borehole							
11									
12									
13									
14									
15									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365019
Easting (NAD 83): 361295
Depth to Watertable (ft bgs): Not Encountered; > 10

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Log of Borehole: MPSB0205

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0205

Project Location: Gibbsboro, NJ

Date Completed: 9/17/2015

Total Depth (ft bgs): 70

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		21	4		1.2	0 - 2	AA-AE (Split Sample)
		SM Dark Brown fine to medium SAND, some Silt, little Organics (Dry) (Very Soft)					1.7		
1							8.3		
							1.2		
2		***SP*** Brownish Gray fine SAND (Dry) (Loose) Brownish fine sand laminated with gray fine sand, no odor.		6	3		0.1	2 - 4	AE-AI
			4.5/5				0.1		
3							0.1		
							0.1		
4				11	4		0.1	4 - 6	AI-AM
							0.2		
5		***SP*** Brownish Gray fine to medium SAND (Saturated) (Soft) No odor					0.2		
6				10	4		0.2	6-8	AM-AQ
							0.2		
7							0.1		
			5/5				0.2		
8				7	3		0.2	8 - 10	AQ-AU (Split Sample)
							0.2		
9							0.2		
							0.2		
10		***SP-SM*** Brownish Gray fine SAND, little Silt (Wet) (Soft)					0.2		
							0.2		
11							0.2		
							0.2		
12							0.2		
			4/5				0.2		
13							0.1		
							0.1		
14		***SP-SM*** Light Grayish Yellow fine SAND, little Silt (Wet) (Soft)					0.1		
							0.1		
15							0.1		
							0.1		
16							0.2		
							0.1		
17							0.1		
			5/5				0.1		
18							0.1		A FID was not used to screen borehole MPSB0205.
							0.1		
19							0.1		MPMW0024, MPMW0025, and MPMW0026 were installed proximal to borehole MPSB0205.
							0.1		
20									

Drilling Subcontractor: ECDI

Northing (NAD 83): 364929

Drilling Method: Geoprobe

Easting (NAD 83): 361863

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0205

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0205
Project Location: Gibbsboro, NJ
Date Completed: 9/17/2015
Total Depth (ft bgs): 70
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Yellowish Orange fine SAND, little Silt, trace Clay (Wet) (Stiff) Yellowish orange very fine sand with increasing silt with deeper depth trace amount clay, no odor.	5/5						
25		***SM*** Brownish Orange fine SAND, some Silt (Wet) (Soft)					0.5		
26							0.9		
27				7	3			27-29	CC-CG
28			5/5				28		
29							0.6 0.3 0.3		
30							0.3		
31		***MH*** Brownish Orange fine SAND, some Silt, some Clay (Wet) (Stiff)					0. 0.3		
32		***SM*** Brownish Orange fine SAND, some Silt (Wet) (Soft)	5/5				0.3 0.2		
33							0.2		
34							0.2 0.2		
35		***NC*** No Characterization () () No recovery on 4 attempts. Went to 40'-45'.					0.1		
37			0/5						
38									
39									
40							0.3		

Drilling Subcontractor: ECDI
Northing (NAD 83): 364929
Drilling Method: Geoprobe
Easting (NAD 83): 361863
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0205

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 70

Borehole Completed As: MPSB0205

Date Completed: 9/17/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***SM*** Brownish Orange fine SAND, some Silt (Wet) (Soft)					0.3		
42		***SP-SM*** Light Brownish Orange fine SAND, little Silt (Wet) (Soft) Some tan laminations throughout, no odor.	3/5				0.3		
43							0.3		
44							0.3		
45							0.3		
46		***NC*** No Characterization () () No recovery - lost recovery.					0.3		
47							0.3		
48			0/5				0.3		
49							0.2		
50							0.2		
51		***CL*** Dark Brownish Gray CLAY, some fine Sand, some Silt (Wet) (Stiff)					0.2		
52							0.2		
53			3.8/5				0.2		
54		***SC*** Dark Grayish Green fine to medium SAND, some Clay (Wet) (Stiff) No odor					0.2		
55		***MH*** Dark Gray SILT and CLAY (Wet) (Stiff)					0.2		
56		***CL*** Dark Grayish Green CLAY, some fine Sand, some Silt (Wet) (Stiff) No odor					0.2		
57							0.2		
58			4.3/5				0.2		
59							0.6		
60							0.2		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 364929

Easting (NAD 83): 361863

Depth to Watertable (ft bgs): 5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0205

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0205
Project Location: Gibbsboro, NJ
Date Completed: 9/17/2015
Total Depth (ft bgs): 70
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61							0.2		
62							0.2		
63			4.6/5				0.2		
64				6	3		0.2		
65							0.7		
66		***SM*** Moderate Gray fine to medium SAND, some Silt (Wet) (Stiff)					0.3	64 - 66	EY-FC
67							0.2		
68			4.7/5				0.2		
69							0.2		
70							0.2		
71		End of Borehole					0.2		
72							0.2		
73							0.2		
74							0.2		
75							0.2		
76							0.2		
77							0.8		
78							0.3		
79									
80									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364929
Drilling Method: Geoprobe
Easting (NAD 83): 361863
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 5

205 Campus Drive
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Phone: (732) 417-5800
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Log of Borehole: MPSB0206

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 67

Borehole Completed As: MPSB0206

Date Completed: 9/18/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		65	7		1.6	0 - 2	AA-AE
		SM Moderate Brown fine SAND, some Organics, some Silt (Dry) (Very Soft)					1.6		
1							0.2		
							0.2		
2		***SW*** Brownish Orange fine to coarse SAND, little Gravel (Dry) (Loose) Minor brick fill from 1.5' - 2'.		64	6		0.2	2 - 4	AE-AI
			3.9/5				0.2		
3							0.2		
							0.2		
4				101	14		0.2	4 - 6	AI-AM
							0.3		
5		***SW*** Dark Brownish Orange fine to coarse SAND, some Gravel (Moist) (Loose)					0.3		
							0.3		
6				197	20		0.3	6 - 7.5	AM-AP
							0.3		
7							82		
			4/5	123	16		0	7.5 - 10	AP-AU
8		***FL*** Fill: Soil-Rubble (Moist) (Loose) Black wooded ash fill, moist.					1.7	8 - 8.5	AQ-AR
							0		
9		***SW*** Dark Grayish Brown fine to medium SAND (Wet) (Loose) Loose sands, no plasticity.					0		
							0		
10							2.2		
							0.4		
11		***SM*** Dark Grayish Brown fine SAND, some Silt (Wet) (Soft) Mild odor					0.4		
							0.4		
12							0.4		
			2.8/5				0.4		
13		***SP*** Yellowish Brown fine SAND (Wet) (Soft)					0.4		
							0.4		
14							0.4		
							0.1		
15		***SM*** Yellowish Orange fine SAND and SILT (Wet) (Soft)					0.2		
							0		
16							0		
							0		
17							0		A FID was not used to screen borehole MPSB0206.
			2.5/5				0		
18							0		Sample interval AQ-AR was sampled for grain size only.
							0		
19							0		MPMW0021 and MPMW0022 were installed proximal to borehole MPSB0206.
							0		
20							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365707

Easting (NAD 83): 361666

Depth to Watertable (ft bgs): 8

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Log of Borehole: MPSB0206

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0206

Project Location: Gibbsboro, NJ

Date Completed: 9/18/2015

Total Depth (ft bgs): 67

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Brownish Orange fine SAND, some Clay, some Silt (Wet) (Soft) High plasticity					0 0 0		
22		***MH*** Light Gray fine SAND, some Silt, some Clay (Wet) (Soft)	5/5				0 0 0 0 0 0 0		
25		***SM*** Moderate Gray fine SAND and SILT (Wet) (Soft)					0 0.1 0.1 0.1 0.1		
28		***CH*** Dark Greyish Brown CLAY and SILT, little fine Sand (Wet) (Stiff)	3.5/5				0.1 0.1		
29		***SM*** Moderate Gray fine SAND, some Silt (Wet) (Soft)					0.1 0.1 0.1		
31		***SC*** Dark Grayish Brown fine SAND, some Clay (Wet) (Soft) Decreasing clay amounts with increasing depths.					0.1 0.1 0.1 0.1		
33			5/5				0.1 0.1 0.1		
34				8	3		0.1 0	34 - 36	CQ-CU
35		***NC*** No Characterization Lost recovery							
37			0/5						
40							0.1		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365707

Drilling Method: Geoprobe

Easting (NAD 83): 361666

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 8

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0206

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 67

Borehole Completed As: MPSB0206

Date Completed: 9/18/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***MH*** Dark Grayish Brown SILT, some fine Sand, some Clay (Wet) (Soft)					0.1		
42							0.1		
							0.1		
							0.1		
			4.5/5				0.1		
43							0.1		
							0.1		
44							0.1		
							0.1		
45									
46		***MH*** Dark Gray SILT and fine SAND, little Clay (Wet) (Soft)							
47									
			3.5/5						
48		***SM*** Dark Gray fine to medium SAND and SILT, little Clay (Wet) (Soft)							
49									
50		***MH*** Dark Grayish Green SILT and fine SAND (Wet) (Stiff)					0		
51		***MH*** Dark Gray SILT, some fine Sand, some Clay (Wet) (Soft)					0		
52							0		
			5/5				0		
53		***SW*** Moderate Grayish Green fine to coarse SAND (Wet) (Soft) Sand gradually becomes a lighter grayish green.					0		
54							0		
							0		
55							0		
56		***SM*** Light Greenish Gray fine SAND, some Silt (Wet) (Soft) Few calcite fragments throughout horizon					0		
							0		
57							0		
			5/5				0		
58							0		
							0		
59							0		
							0		
60							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365707

Easting (NAD 83): 361666

Depth to Watertable (ft bgs): 8

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0206

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 67

Borehole Completed As: MPSB0206
Date Completed: 9/18/2015
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61 62 63 64 65 66		***SM*** Light Greenish Gray fine to medium SAND and SILT (Wet) (Soft) Refusal at 67'.	5/5 2/2	6	3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	64 - 66	EY-FC
67		End of Borehole							
68 69 70 71 72 73 74 75 76 77 78 79 80									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365707
Easting (NAD 83): 361666
Depth to Watertable (ft bgs): 8

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0207

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0207

Project Location: Gibbsboro, NJ

Date Completed: 9/21/2015

Total Depth (ft bgs): 95

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		377	14		0.2	0 - 2	AA-AE
		FL Fill: Rubble (Dry) (Very Stiff) Asphalt parking lot material with subbase gravel.					0.2		
1							0.2		
							0.2		
2		***SW-SM*** Greyish Brown fine to medium SAND, some Gravel, little Silt (Moist) (Soft) Fill material is present.		329	31		0.1	2 - 4	AE-AI
			3.8/5				0.2		
3							0.2		
							0.2		
4		***FL*** Fill: Rubble (Dry) (Loose) Obvious fill material--loose glass, asphalt and brick.		228	9		0.2	4 - 6	AI-AM
							0.2		
5							0.1		
							0.1		
6		***SM*** Greenish Red medium to coarse SAND, some Silt (Moist) (Loose) Mottled fill.		8	3		0.1	6 - 8	AM-AQ
							0.1		
7							0.1		
		SW Reddish Brown fine to coarse SAND, little Gravel (Wet) (Soft)	5/5				0.1		
8				13	3		0.1	8-10	AQ-AU
		SP-SM Dark Yellow fine SAND, little Silt (Wet) (Soft)					0.1		
9							0.1		
							0.1		
10		***CH*** Brownish Orange fine SAND and CLAY, some Silt (Wet) (Soft)					0.1		
							0.1		
11							0.1		
							0.1		
12		***SM*** Yellowish Brown fine SAND, some Silt, little Clay (Wet) (Soft)					0.1		
			3.9/5				0.1		
13							0.1		
							0.1		
14							0.1		
							0.1		
15		***SM*** Yellowish Brown fine SAND, some Silt, some Clay (Wet) (Soft) Gray laminations of silty clay throughout.					0.1		Sample interval AM-AQ was also sampled for grain size.
							0.1		
16							0.1		A FID was not used to screen borehole MPSB0207.
							0.1		
17							0.1		MPMW0020 was installed in borehole MPSB0207.
			5/5				0.1		
18							0.1		Soil boring advanced on 9/16/2015 with Geoprobe to refusal at 63' bgs. Soil boring advanced to 97' bgs on 10/15/2015 with Mud Rotary drilling and sampling with split spoon.
							0.1		
19							0.1		
							0.1		
20							0.1		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365535

Drilling Method: Geoprobe/Mud Rotary

Easting (NAD 83): 361509

Sampling Method: Macrocore/Split Spoon

Depth to Watertable (ft bgs): 5.5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0207

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0207

Project Location: Gibbsboro, NJ

Date Completed: 9/21/2015

Total Depth (ft bgs): 95

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Brownish Orange fine SAND and CLAY (Wet) (Soft)					0.1 0.1 0.2 0.2		
22		***SC*** Yellowish Brown fine SAND, some Clay (Wet) (Soft) Gray laminations throughout.	5/5				0.2 0.2 0.2 0.2 0.2		
24							0.2 0.2 0.2		
25		***SP-SM*** Yellowish Brown fine SAND, little Silt (Wet) (Soft)					0.2 0.2 0.2 0.2		
27			5/5				0.2 0.2 0.2 0.2		
29							0.2 0.2 0.2		
30		***SM*** Brownish Red fine SAND and SILT, little Clay (Wet) (Soft)					0.2 0.2 0.2 0.2		
32			4.6/5				0.2 0.2 0.2 0.2		
34		***MH*** Dark Greyish Brown fine SAND, some Silt, some Clay (Wet) (Stiff) Darkens in color with depth.					0.2 0.2 0.2 0.2		
35		***MH*** Dark Greyish Brown SILT and fine SAND (Wet) (Soft)					0.2 0.2 0.2 0.2		
37			4.7/5				0.2 0.2 0.2 0.2		
39							0.2 0.2 0.2		
40							0.2		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365535

Drilling Method: Geoprobe/Mud Rotary

Easting (NAD 83): 361509

Sampling Method: Macrocore/Split Spoon

Depth to Watertable (ft bgs): 5.5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0207

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 95

Borehole Completed As: MPSB0207

Date Completed: 9/21/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***SM*** Light Gray fine SAND and SILT (Wet) (Soft)					0.2		
							0.2		
							0.2		
42		***SM*** Dark Greenish Brown fine SAND, some Silt, some Clay (Wet) (Soft)					0.2		
			3.5/5				0.1		
43							0.1		
							0.1		
44		***SM*** Dark Greenish Gray fine to coarse SAND, some Silt, some Clay (Wet) (Soft)					0.1		
							0.1		
							0.1		
45							0.1		
		MH Dark Greenish Gray SILT and fine SAND, little Clay (Wet) (Soft)					0.1		
46							0.1		
							0.1		
47		***SM*** Dark Greenish Gray fine to medium SAND, some Silt (Wet) (Soft)					0.1		
			5/5				0.1		
48							0.1		
							0.1		
49							0.1		
							0.1		
50							0.1		
		SM Light Gray fine to medium SAND, some Silt, little Clay (Wet) (Soft)					0.1		
51							0.1		
							0.1		
52							0.1		
			5/5				0.1		
53							0.1		
							0.2		
54							0.2		
							0.2		
55							0.2		
		SM Light Greyish Green fine to medium SAND, some Silt (Wet) (Soft)					0.2		
56							0.2		
							0.2		
57							0.1		
			2.1/5				0.2		
58							0.1		
							0.1		
59							0.1		
							0.1		
60							0.1		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe/Mud Rotary

Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 365535

Easting (NAD 83): 361509

Depth to Watertable (ft bgs): 5.5

205 Campus Drive
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Phone: (732) 417-5800
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Log of Borehole: MPSB0207

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 95

Borehole Completed As: MPSB0207

Date Completed: 9/21/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***MH*** Light Greenish Gray SILT, some fine Sand, some Clay (Wet) (Stiff) Geoprobe refusal at 63'.	2.1/3				0.1 0.1 0.1		
62							0.2 0.2		
63							0.2 0.2		
64							0.1 0.1		
65		***SM*** Greenish Gray fine to medium SAND and SILT (Wet) (Soft) Start of split spoon. Greenish gray silty sand, some fossil fragments found.	2/2				0 0 0		
66							0.2		
67		***SM*** Greenish Gray fine to medium SAND, some Silt, little Gravel (Wet) (Soft) Some fossil fragments found.	1.8/2				0.1 0.2 0.2 0.2		
68									
69							0.2 0.1		
70							0.2 0.2		
71							0.2 0.2		
72							0.1 0.2		
73		***SW*** Dark Greyish Green fine to medium SAND (Wet) (Stiff) Increased fossil fragments with depth.	2/2				0.2 0.2		
74							0.2 0.2		
75							0.2 0.2		
76							0.2 0		
77							0 0		
78		***SM*** Dark Greenish Gray fine to medium SAND, some Silt (Wet) (Soft) Abundant fossils--20-30% in sample.	2/2				0 0		
79							0 0		
80							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe/Mud Rotary

Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 365535

Easting (NAD 83): 361509

Depth to Watertable (ft bgs): 5.5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0207

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 95

Borehole Completed As: MPSB0207

Date Completed: 9/21/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
81							0		
82							0		
83							0		
84		***SM*** Dark Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) Large drop off in fossil content.	2/2				0		
85							0		
86		***SM*** Dark Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) Only about 10% of fossil in sample.	1.7/2				0		
87							0		
88		***SM*** Dark Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) >10% of fossil in sample.	0.9/2	8	10		0	88.5 - 91	GV-HA
89							0		
90		***SM*** Dark Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) Minor fossil in sample. Sample is becoming a lighter green.	1.7/2				0		
91							0		
92		***SM*** Light Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) Trace fossils in sample.	1.2/2				0		
93							0		
94		***SM*** Light Greyish Green fine SAND, some Silt, little Clay (Wet) (Soft) Trace fossils in sample.	1.7/2				0		
95		End of Borehole					0		
96									
97									
98									
99									
100									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe/Mud Rotary

Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 365535

Easting (NAD 83): 361509

Depth to Watertable (ft bgs): 5.5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0208

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 68

Borehole Completed As: MPSB0208

Date Completed: 9/22/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		33	4		0.2	0 - 2	AA-AE
		GW Light Grayish Black GRAVEL, some coarse Sand (Dry) (Very Loose) Light grayish black sub base gravel and coarse sand. Asphalt was also in core.					0.2		
1							0.2		
							0.2		
2				6	3		0.2	2 - 4	AE-AI
		SW-SM Yellowish Tan fine to medium SAND, little Gravel, little Silt (Wet) (Loose)	4/5				0.2		
3							0.2		
							0.2		
4				8	3		0.2	4 - 6	AI-AM
							0.2	4 - 5	AI-AK
5							0		
		SW-SM Light Yellowish Gray fine to medium SAND, little Silt (Wet) (Soft)					0		
6				10	3		0	6 - 8	AM-AQ
							0		
7							0		
			5/5				0		
8				10	3		0	8 - 10	AQ-AU
							0		
9							0		
							0		
10		***SM*** Yellowish Brown fine SAND and SILT, little Clay (Wet) (Soft) Thin seam of orange brown clay at 13.5' - 13.9'.					0		
							0		
11							0		
							0		
12							0		
			4.5/5				0		
13							0		
							0		
14							0		
							0		
15		***SM*** Light Yellowish Brown fine SAND and SILT (Wet) (Soft)					0		
							0		
16							0		
							0		
17			5/5				0		A FID was not used to screen borehole MPSB0208.
18							0		Sample Interval AI-AK was sampled for grain size only.
							0		
19							0		MPMW0017, MPMW0018, and MPMW0019 were installed proximal to MPSB0208.
							0		
20							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365623

Easting (NAD 83): 361424

Depth to Watertable (ft bgs): 1.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0208

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 68

Borehole Completed As: MPSB0208

Date Completed: 9/22/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Light Yellowish Brown fine SAND and SILT, little Clay (Wet) (Soft)					0		
22							0		
23			4.6/5				0		
24							0		
25		***CL*** Yellowish Orange CLAY, some fine Sand, some Silt (Wet) (Soft)					0		
26		***CH*** Yellowish Brown CLAY, some fine Sand, some Silt (Wet) (Soft)					0		
27							0		
28		***SM*** Grayish Orange fine SAND and SILT (Wet) (Soft)	5/5				0		
29				9	3		0	29 - 31	CG-CK
30							0		
31		***CH*** Brownish Orange CLAY, some fine Sand, some Silt (Wet) (Soft)					0.1		
32							0.1		
33			5/5				0.2		
34							0.2		
35							0.1		
36		***SM*** Light Brownish Orange fine SAND, some Silt (Wet) (Soft)					0.2		
37							0.2		
38			4.1/5				0.1		
39							0.1		
40							0.1		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365623

Easting (NAD 83): 361424

Depth to Watertable (ft bgs): 1.5

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0208

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 68

Borehole Completed As: MPSB0208

Date Completed: 9/22/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***SM*** Light Brownish Orange fine SAND, some Silt (Wet) (Soft)					0.1		
							0.1		
		MH Dark Grayish Brown SILT and fine SAND (Wet) (Stiff)					0.1		
42							0.1		
			4.8/5				0.1		
43							0.2		
							0.1		
44							0.1		
							0.2		
45							0.1		
		MH Dark Grayish Brown SILT and fine SAND (Wet) (Stiff)					0.1		
46							0.2		
							0.2		
47							0.1		
			5/5				0.1		
48							0.1		
							0.1		
49							0.2		
		SC Dark Grayish Brown fine/coarse SAND, some Clay (Wet) (Soft)					0.1		
50							0.1		
		MH Greenish Gray SILT and fine SAND, little Clay (Wet) (Stiff)					0.2		
51							0.2		
							0.2		
52							0.2		
			2.5/5				0.2		
53							0.2		
							0.2		
54		***SM*** Light Greenish Gray fine to medium SAND, some Silt (Wet) (Very Stiff)					0.2		
							0.2		
55							0.2		
		SM Light Greenish Gray fine to medium SAND, some Silt (Wet) (Very Stiff)					0.2		
56							0.2		
							0.2		
57							0.2		
			5/5				0.2		
58							0.2		
							0.2		
59							0.2		
							0.2		
60							0.2		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365623

Easting (NAD 83): 361424

Depth to Watertable (ft bgs): 1.5

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Fax: (732) 417-5801

Log of Borehole: MPSB0208

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 68

Borehole Completed As: MPSB0208

Date Completed: 9/22/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description **USCS** Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***SM*** Light Greenish Gray fine SAND, some Silt (Wet) (Stiff) Hardpan fragments common.					0.2		
62							0.2		
63			5/5				0.2		
64							0.2		
65							0.1		
66		***SM*** Dark Greenish Gray fine to medium SAND, some Silt, little Clay (Wet) (Stiff) Some fossil fragments, white coral. Refusal at 68'.	3/3	6	5		0.1	66 - 68	FC-FG
67							0.1		
68		End of Borehole					0.1		
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365623

Easting (NAD 83): 361424

Depth to Watertable (ft bgs): 1.5

205 Campus Drive
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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0209

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0209

Project Location: Gibbsboro, NJ

Date Completed: 9/23/2015

Total Depth (ft bgs): 62.3

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		9	3		0.2	0 - 2	AA-AE
		ML Dark Brown ORGANICS, some fine Sand, some Silt (Dry) (Very Soft)					0.2		
1							0.1		
		SM Dark Brown fine to coarse SAND, some Silt (Wet) (Soft)					0.2		
2				5	3		0.1	2 - 4	AE-AI
			3.7/5				0.2		
3							0.2		
							0.2		
4				5.7	3		0.2	4 - 6	AI-AM
							0.2		
5		***SW-SM*** Reddish Brown fine to coarse SAND, little Silt (Wet) (Soft)					0.2		
							0.2		
6				12	3		0.2	6 - 8	AM-AQ
		SM Light Gray fine SAND, some Silt, some Clay (Wet) (Soft)					0.2		
7							0.2		
			4.9/5				0.2		
8		***SP*** Light Yellow fine SAND (Wet) (Soft)		10.5	3.5		0.2	8 - 10	AQ-AU
							0.2		
9							0.2		
							0.2		
10		***SM*** Yellowish Tan fine SAND, some Silt, trace Clay (Wet) (Soft) Light gray laminations throughout.					0.2		
							0.2		
11							0.2		
							0.2		
12							0.2		
			4.2/5				0.2		
13							0.2		
							0.2		
14							0.2		
							0.2		
15		***SM*** Yellowish Brown fine SAND and SILT (Wet) (Soft)					0.2		
							0.2		
16							0.2		
							0.2		
17							0.2		
			5/5				0.2		
18							0.2		MPMW0023 was installed in borehole MPSB0209.
							0.2		
19							0.2		A FID was not used to screen borehole MPSB0209.
							0.2		
20							0.2		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365421

Drilling Method: Geoprobe

Easting (NAD 83): 361459

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 1

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Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0209

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0209
Project Location: Gibbsboro, NJ
Date Completed: 9/23/2015
Total Depth (ft bgs): 62.3
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Yellowish Brown fine SAND and CLAY (Wet) (Soft)					0.2		
22							0.2		
23			4.2/5				0.2		
24							0.2		
25							0.2		
26		***SC*** Grayish Yellow fine SAND and CLAY (Wet) (Soft)					0.2		
27							0.2		
28		***SM*** Yellowish Brown fine SAND and SILT, little Clay (Wet) (Soft) Laminated sand.	4.2/5				0.2		
29							0.2		
30		***SM*** Light Grayish Brown fine SAND and SILT, trace Clay (Wet) (Soft)					0.2		
31							0.2		
32							0.2		
33		***MH*** Dark Reddish Brown SILT and fine SAND (Wet) (Stiff)	2.1/5				0.2		
34							0.2		
35		***MH*** Dark Reddish Brown SILT, some Clay (Wet) (Stiff)					0.2		
36							0.2		
37							0.2		
38			5/5				0.2		
39							0.2		
40							0.2		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365421
Drilling Method: Geoprobe
Easting (NAD 83): 361459
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 1

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0209

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0209

Project Location: Gibbsboro, NJ

Date Completed: 9/23/2015

Total Depth (ft bgs): 62.3

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***ML*** Dark Brownish Green SILT, some fine to coarse Sand, some Clay (Wet) (Soft)					0.2		
42							0.2		
							0.2		
							0.2		
			4.5/5				0.2		
43		***MH*** Dark Greenish Gray SILT and CLAY (Wet) (Soft)					0.2		
							0.2		
44							0.2		
							0.2		
45							0.2		
		MH Light Gray SILT and fine SAND (Wet) (Stiff)					0.2		
46							0.2		
							0.2		
							0.2		
47							0.2		
			3.3/5				0.2		
48							0.2		
							0.2		
							0.2		
49							0.2		
							0.2		
50							0.2		
		MH Light Gray SILT and fine SAND (Wet) (Stiff)					0.2		
							0.2		
51							0.2		
							0.2		
							0.2		
52							0.2		
			5/5				0.2		
53							0.2		
							0.2		
							0.2		
54							0.5		
							0.2		
55							0.2		
		MH Light Greenish Gray SILT and fine SAND (Wet) (Stiff) Some rock fragments, fossiliferous, friable.					0.2		
							0.2		
56							0.2		
							0.2		
							0.2		
57							0.2		
			5/5				0.2		
58							0.2		
							0.2		
							0.2		
59				6	5		0.2	59 - 61	EO-ES
							0.2		
							0.2		
60							0.2		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365421

Drilling Method: Geoprobe

Easting (NAD 83): 361459

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 1

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0209

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 62.3

Borehole Completed As: MPSB0209

Date Completed: 9/23/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***MH*** Light Greenish Gray SILT and fine SAND (Wet) (Stiff) Some rock fragments, fossiliferous (white shells). Refusal at 62.3'.	2.3/2.3				0.2 0.2 0.2 0.2		
62									
63		End of Borehole							
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365421

Easting (NAD 83): 361459

Depth to Watertable (ft bgs): 1

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0210

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 35

Borehole Completed As: MPSB0210

Date Completed: 9/24/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		15	5		0.2	0 - 2	AA-AE
		OL/OH Dark Brown ORGANICS, some fine Sand, some Silt (Dry) (Loose)					0.2		
1							0.2		
		SW Light Yellowish Gray fine to coarse SAND, little Gravel (Moist) (Loose) Some rocky sandy/gravel fill					0.2		
2				10	3		0.2	2 - 4	AE-AI
			2.7/5				0.2		
3							0.2		
							0.2		
4				18	4		0.2	4 - 6	AI-AM
							0.2		
5		***SW*** Yellowish Gray fine to coarse SAND, little Gravel (Wet) (Soft) Some lenses of gravel throughout, slight odor.					0.2	5 - 6	AK-AM
							0.2		
6				10	6		0.2	6 - 8	AM-AQ (Split Sample)
							0.2		
7							3		
			4.1/5				0.2		
8				15	4		0.5	**8 - 10**	AQ-AU
							0.2		
9							0.2		
							0.2		
10		***SM*** Light Gray fine SAND, some Silt, little Clay (Wet) (Soft)					0.2		
							0.2		
11							0.2		
							0.2		
12							0.2		
			5/5				0.2		
13							0.2		
							0.2		
14		***SM*** Light Gray fine SAND, some Silt (Wet) (Soft)					0.2		
							0.2		
15		***SM*** Light Yellowish Gray fine SAND, some Silt (Wet) (Soft)					0.2		
							0.2		
16							0.2		
							0.2		
17							0.2		Sample interval AK-AM was sampled for grain size only.
			4.3/5				0.2		
18							0.2		A FID was not used to screen borehole MPSB0210.
							0.2		
19							0.2		MPMW0032 and MPMW0033 installed proximal to MPSB0210.
							0.2		
20							0.2		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365789

Easting (NAD 83): 361863

Depth to Watertable (ft bgs): 5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0210

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 35

Borehole Completed As: MPSB0210

Date Completed: 9/24/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Light Grayish Red fine SAND, some Silt (Wet) (Soft) Horizons grades to a light maroon.					0.2 0.2 0.2		
22		***MH*** Light Grayish Red SILT, some Clay, some fine Sand (Wet) (Soft) Clay with good plasticity.	5/5				0.2 0.2 0.2		
23							0.1		
24		***SM*** Moderate Grayish Brown fine SAND, some Silt, little Clay (Wet) (Soft) .					0.1 0.1		
25							0.1		
26		***SM*** Moderate Grayish Brown fine SAND, some Silt, little Clay (Moist) (Soft) Horizons grades to silty sand with depth.					0.1 0.1 0.1		
27							0.1		
28		***SM*** Dark Moderate Grayish Brown fine SAND, some Silt, little Clay (Moist) (Soft)	5/5				0.1 0.1 0.1		
29				12	3		0.1 0.1	29 - 31	CG-CK (Split Sample)
30		***SM*** Dark Grayish Brown fine SAND and SILT, little Clay (Wet) (Soft)					0.1 0.1		
31							0.1 0.1		
32			5/5				0.1 0.1		
33							0.1 0.1		
34							0.1 0.1		
35		End of Borehole					0.1		
36									
37									
38									
39									
40									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365789

Easting (NAD 83): 361863

Depth to Watertable (ft bgs): 5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0211

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 35

Borehole Completed As: MPSB0211

Date Completed: 9/25/2015

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		15	4		0.1	0-2	AA-AE
		OL/OH Brown ORGANICS, some Silt, some fine Sand (Dry) (Loose) Organic horizon with plant/root material					0.1		
1							0.1		
							0.1		
2		***SW*** Yellowish Brown fine to medium SAND, little Gravel (Dry) (Loose)		554	31		0.1	2 - 4	AE-AI
			3.1/5				0.1		
3							0.1		
							0.2		
4		***SW*** Yellowish Brown fine to medium SAND, little Gravel (Dry) (Loose) Little quartz gravel.		896	37		0.2	4 - 6	AI-AM
							0.2		
5							0.2		
		SC Dark Grayish Brown fine to medium SAND, some Clay (Wet) (Soft)					0.2		
6				1442	144		0.2	6 - 8	AM-AQ (Split Sample)
							6.7		
7							0.2		
			3.7/5				0.2		
8		***MH*** Dark Brownish Black SILT and CLAY, little fine Sand, trace Organics (Wet) (Soft) Organic root material.		226	13		0.2	8 - 10	AQ-AU
							0.2		
9							0.2		
							0.2		
10		***SM*** Light Grayish Brown fine to medium SAND, some Silt (Wet) (Soft) Grades to poorly sorted sand.					0.2		
							0.2		
11							1.7		
							0.2		
12		***SM*** Light Grayish Brown fine SAND and SILT (Wet) (Soft)					1.7		
			4.2/5				0.3		
13		***MH*** Dark Brown SILT and fine SAND, little Organics (Wet) (Soft) Little organic wood debris.					0.2		
							0.3		
14							0.3		
							0.3		
15		***SM*** Light Grayish Yellow fine to coarse SAND, some Silt, little Gravel (Wet) (Stiff)					0.3		
							0.3		
16							0.3		
							0.3		
17		***SM*** Light Grayish Yellow fine to coarse SAND, some Silt, little Gravel (Wet) (Stiff)					0.3		
			3/5				0.3		
18							0.3		A FID was not used to screen borehole MPSB0211.
							0.3		
19							0.2		MPMW0030 and MPMW0031 installed proximal to MPSB0211.
							0.2		
20							0.3		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365057

Easting (NAD 83): 360776

Depth to Watertable (ft bgs): 5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0211

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0211

Project Location: Gibbsboro, NJ

Date Completed: 9/25/2015

Total Depth (ft bgs): 35

Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Yellowish Orange fine SAND, some Clay (Wet) (Soft) Light gray laminations throughout.					0.2		
22		***SC*** Yellowish Orange fine SAND, some Clay, little Silt (Wet) (Soft) Light gray laminations of clayey silt.	4.8/5				0.2 0.3 0.3 0.3		
23							0.2		
24							0.2 0.2		
25		***SC*** Yellowish Orange fine SAND, some Clay, little Silt (Wet) (Soft) Light gray laminations of clayey silt. Grades to sandy clay.					0.2		
26							0.2		
27			5/5				0.2 0.2		
28							0.2 0.2		
29				11	3		0.2	29 - 31	CG-CK
30		***SC*** Yellowish Orange fine SAND, some Clay, little Silt (Wet) (Soft) Light gray laminations of clayey silt. Becomes more uniform with depth.					0.2 0.2		
31							0.2		
32			5/5				0.2 0.2		
33							0.2		
34							0.2 0.2		
35		End of Borehole					0.2		
36									
37									
38									
39									
40									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365057

Drilling Method: Geoprobe

Easting (NAD 83): 360776

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 5

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 109

Borehole Completed As: MPSB0212
Date Completed: 10/20/2015
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		75	8		0.2	0 - 2	AA-AE
		FL Fill: Rubble (Dry) (Loose) Black asphalt and gravel sub base.					0.2		
1							3.2		
		SW-SM Yellowish Orange fine to coarse SAND, little Silt (Moist) (Loose)					0.2		
2				7	4		0.2	2 - 4	AE-AI
			3.1/5				0.7		
3							0.2		
							0.2		
4				16	3		0.2	4 - 6	AI-AM
							0.1		
5		***SW-SM*** Yellowish Orange fine to coarse SAND, little Silt (Moist) (Loose)					0.1		
							0.1		
6				7	7		0.1	6 - 8	AM-AQ
							2.7	6.5 - 7	AN-AO
7		***SP*** Yellowish Orange fine SAND (Wet) (Soft) Strong odor					62.8		
			3.5/5				241		
8				8	4		1754	8 - 10	AQ-AU
							0.2		
9							0.2		
							158		
10		***SP-SM*** Light Grayish Yellow fine SAND, little Silt (Wet) (Soft) Strong odor					1359		
							945		
11							577		
							658		
12							450		
			3.2/5				160		
13							0.2		
							0.2		
14							0.2		
							10		
15		***SC*** Yellowish Brown fine SAND and CLAY (Wet) (Soft) Clayey sand laminations. Moderate odor.					32		Sample interval AN-AO was collected for grain size only.
							22		
16							49.3		A FID was not used to screen borehole MPSB0212.
							17		
17							21		MPMW0015 was installed in borehole MPSB0212.
			4.8/5				21		
18							10.2		Soil boring advanced on 9/25/2015 with Geoprobe to refusal at 70' bgs. Soil boring advanced to 109' bgs on 10/20/2015 with Mud Rotary drilling and sampling with split spoon.
							6.5		
19							0.2		
							8.9		
20							10		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe/Mud Rotary
Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 365523
Easting (NAD 83): 362081
Depth to Watertable (ft bgs): 7

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0212
Project Location: Gibbsboro, NJ
Date Completed: 10/20/2015
Total Depth (ft bgs): 109
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SM*** Light Grayish Orange fine SAND, some Silt, some Clay (Wet) (Soft) Mild odor					2.3		
22							2.3		
23			5/5				2.3		
24							2.3		
25							2.3		
26		***SM*** Grayish Yellow fine SAND, some Silt, little Clay (Wet) (Soft) Mild odor					2		
27							2		
28			5/5				0.2		
29							0.2		
30							0.2		
31		***SM*** Tan fine SAND and SILT, trace Clay (Wet) (Soft)					0.2		
32							0.2		
33			5/5				0.2		
34							0.2		
35							0.2		
36		***CH*** Brownish Orange CLAY and fine SAND (Wet) (Soft) Gummy plasticity.					0.2		
37		***SM*** Orange fine SAND, some Silt, some Clay (Wet) (Soft) No odor					0.2		
38			5/5				0.2		
39							0.2		
40							0.3		
							0.4		
							0.2		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365523

Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362081

Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0212
Project Location: Gibbsboro, NJ
Date Completed: 10/20/2015
Total Depth (ft bgs): 109
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***CL*** Orange CLAY, some fine Sand, some Silt (Wet) (Soft)	5/5				0.2 0.2 0.2 0.2 0.2		
43		***SP-SM*** Yellowish Orange fine SAND, little Silt (Wet) (Soft)					0.2 0.2 0.2 0.2 0.2		
45		***SM*** Brownish Orange fine SAND, some Silt, little Clay (Wet) (Soft) Laminations are present.	5/5				0.2 0.3 0.2 0.2 0.2 0.2		
48		***SP*** Light Gray fine SAND (Wet) (Soft)					0.2 0.2 0.2 0.2 0.2		
50		***SM*** Grayish Orange fine SAND, some Silt, some Clay (Wet) (Soft)					0.2 0.2 0.2 0.2		
52		***SM*** Dark Grayish Brown fine SAND and SILT, little Clay (Wet) (Soft)	5/5				0.2 0.2 0.2 3.1 0.2 0.2		
55		***MH*** Dark Greenish Brown SILT, some fine Sand, some Clay (Wet) (Stiff) .	5/5				0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 5.7 0.2 0.2		
60									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365523
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362081
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Phone: (732) 417-5800
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Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0212
Project Location: Gibbsboro, NJ
Date Completed: 10/20/2015
Total Depth (ft bgs): 109
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		***SC*** Dark Greenish Gray fine to coarse SAND and CLAY (Wet) (Soft)					0.2		
62		***MH*** Dark Greenish Gray SILT, some Clay, some fine Sand (Wet) (Soft)	5/5				0.2		
63							0.2		
64							0.2		
65							0.2		
66		***SM*** Light Greenish Gray fine to medium SAND and SILT, little Clay (Wet) (Soft) Light greenish gray fine to medium sand and silt with trace amoounts of clay. Becomes more dense with depth.					0.2		
67			5/5				0.2		
68		***SM*** Moderate Greenish Gray fine SAND and SILT (Wet) (Soft) Geoprobe refusal at 70'.					0.2		
69							0.2		
70		Not Characterized					0.2		
71									
72									
73									
74									
75									
76									
77									
78									
79									
80							0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365523
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362081
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Edison, NJ 08837
Phone: (732) 417-5800
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Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0212
Project Location: Gibbsboro, NJ
Date Completed: 10/20/2015
Total Depth (ft bgs): 109
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
81		***SC*** Light Greenish Gray fine to medium SAND, some Clay, some Silt (Wet) (Soft) Started to drill with mud rotary drill and used split spoon for sampling.	0.2/2				0.2 0 0		
82							0 0		
83		***SM*** Moderate Gray fine to medium SAND and SILT (Wet) (Soft) Trace white fossil fragments, common black minerals--possible biotite.	2/2				0 0		
84							0 0		
85		***SM*** Moderate Gray fine to medium SAND, some Silt, some Clay (Wet) (Soft) Some trace white fossil fragments. Black specs (possible biotite) common.	2/2				0 0		
86							0 0		
87		***SC*** Dark Grayish Green fine to medium SAND and CLAY (Wet) (Stiff) Black specs, biotite, common. About 20% of sample is white shells/fossil fragments.	1.7/2				0 0		
88							0 0		
89			2/2				0 0		
90		***SM*** Dark Grayish Green fine to medium SAND, some Silt, some Clay (Wet) (Stiff) Common black specs, biotite. Dense accumulation of white shells/fossil fragments. Increased density and clay content with depth.					0 0		
91							0 0		
92							0 0		
93		***SM*** Dark Greenish Gray fine to medium SAND, some Silt, some Clay (Wet) (Stiff) Abundance of white fossil fragments, no odor.	2/2				0 0		
94							0 0		
95							0 0		
96		***SC*** Dark Greenish Gray fine to medium SAND, some Clay (Wet) (Soft) No fossils present.	1.2/2				0 0		
97							0 0		
98		***SC*** Dark Greenish Gray fine to medium SAND, some Clay, little Gravel (Wet) (Soft) Some minor well rounded quartz gravel.	1.8/2				0 0		
99							0 0		
100							0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365523

Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362081

Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0212

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0212
Project Location: Gibbsboro, NJ
Date Completed: 10/20/2015
Total Depth (ft bgs): 109
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
101		***SC*** Dark Greenish Gray fine to medium SAND, some Clay (Wet) (Stiff) Very dense.	0.8/2				0 0.2 0.2		
102		***SM*** Greenish Gray fine SAND, some Silt, some Clay (Wet) (Soft)		8	12		0.2 0.2	102 - 105	HW-IC
103			1.6/2				0.2 0.2		
104		***SM*** Green fine to medium SAND, some Silt, some Clay (Wet) (Stiff)					0.2 0.2		
105			1.2/2				0.2 0.2		
106		Not Characterized							
107									
108									
109		End of Borehole							
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365523
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362081
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0213

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0213
Project Location: Gibbsboro, NJ
Date Completed: 12/1/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		46.3	5		0	0 - 0.5	AA-AB
		SW Light Brownish fine to medium SAND, trace Gravel (Moist) (Loose)					0		
1		***SP*** Light Yellowish White fine to medium SAND, trace Gravel (Moist) (Loose)					0		
				8.3	4		0	1.5 - 2	AD-AE
2							0		
			2.5/5				0		
3							0		
				7	4		0	3.5 - 4	AH-AI
4							0		
		MH Moderate Brownish Orange SILT, some fine Sand (Saturated) (Soft)					0		A FID was not used to screen borehole MPSB0213.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365725.887
Drilling Method: Geoprobe
Easting (NAD 83): 361489.703
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0214

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0214
Project Location: Gibbsboro, NJ
Date Completed: 12/1/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		32.3	6.3		0	0 - 0.5	AA-AB
		OL/OH Dark Brownish Black ORGANICS, little medium Sand (Moist) (Loose)					0		
1							0		
		SP Dark Grayish Brown fine to medium SAND, little Gravel (Moist) (Loose)		9.3	4		0	1.5 - 2	AD-AE
2							0		
		SP Light Yellowish Orange fine to medium SAND, some Gravel (Moist) (Loose)	2.5/5				0		
3							0		
				8	4		0	3.5 - 4	AH-AI
4		***MH*** Light Yellowish Orange SILT and fine SAND (Saturated) (Soft)					0		
							0		A FID was not used to screen borehole MPSB0214.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365714.924
Drilling Method: Geoprobe
Easting (NAD 83): 361520.585
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0215

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0215
Project Location: Gibbsboro, NJ
Date Completed: 12/2/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SW Dark Grayish Brown medium SAND, trace Gravel (Moist) (Loose)		26.7	7.7		0	0 - 0.5	AA-AB
							0		
1							0		
		SP-SM Light Grayish White fine to medium SAND, little Silt (Moist) (Loose)		24	4.7		0	1.5 - 2	AD-AE
2							0		
			2.5/5				0		
3							0		
				8.7	3.3		0	3.5 - 4	AH-AI
4							0		
							0		A FID was not used to screen borehole MPSB0215.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365697.782
Drilling Method: Geoprobe
Easting (NAD 83): 361572.951
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 4.5

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Log of Borehole: MPSB0216

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0216
Project Location: Gibbsboro, NJ
Date Completed: 12/2/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		34	5		0	0 - 0.5	AA-AB
		SW Orange Brown fine to medium SAND, some Gravel (Moist) (Soft)					0		
1		***SP*** Dark Gray fine to medium SAND (Moist) (Soft)					0		
		SP Light Grayish White fine to medium SAND (Moist) (Soft)		6.7	3.7		0	1.5 - 2	AD-AE
2		***SW-SM*** Grayish Orange fine to medium SAND, little Gravel, little Silt (Moist) (Soft)					0		
			3/5				0		
3							0		
				8.5	4		0	3.5 - 4	AH-AI
4		***SM*** Orangish Brown fine to medium SAND, some Silt, little Gravel (Saturated) (Soft)					0		
							0		
5		End of Borehole							A FID was not used to screen borehole MPSB0216.
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365662.044
Drilling Method: Geoprobe
Easting (NAD 83): 361444.255
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0217

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0217
Project Location: Gibbsboro, NJ
Date Completed: 12/2/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brownish Black fine to medium SAND, some Organics (Moist) (Loose)		83.3	9.7		3.1	0 - 0.5	AA-AB
							2.9		
		SW Dark Grayish Black GRAVEL and fine to medium SAND (Moist) (Loose)							
1							0		
		SW-SM Moderate Brownish Orange fine to medium SAND, some Gravel, little Silt (Moist) (Loose)		96.3	7		0	1.5 - 2	AD-AE
2							0		
			3.5/5	1787.7	26		0	2.5 - 3	AF-AG
		SW Light Yellowish White fine to medium SAND, little Gravel (Moist) (Loose) Dark green pigment observed in one of the two marcocores advanced at this location.							
3							0		
				13.7	4		0	3.5 - 4	AH-AI
		SW Moderate Brownish White fine to medium SAND, some Gravel, trace Silt (Moist) (Loose)							
4							0		
							0		A FID was not used to screen borehole MPSB0217.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365662.044
Drilling Method: Geoprobe
Easting (NAD 83): 361444.255
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0218

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0218
Project Location: Gibbsboro, NJ
Date Completed: 12/3/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		531.7	37.7		0	0 - 0.5	AA-AB
		SM Dark Brownish Black medium SAND, some Organics, little Gravel (Moist) (Loose)					0		
1		***SP*** Light Brownish Gray fine to medium SAND (Moist) (Loose) Fill material observed					0		
				301.7	11.3		0	1.5 - 2	AD-AE
2		***SP*** Light Grayish White fine to medium SAND (Moist) (Loose)					0		
			3.5/5				0		
3							0		
		SW Light Yellowish Brown fine to medium SAND, some Gravel (Wet) (Loose)		9.3	4		0	3.5 - 4	AH-AI
4							0		
							0		
5		***SM*** Light Yellowish Orange fine SAND and SILT (Wet) (Medium Stiff)							A FID was not used to screen borehole MPSB0218.
		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365559.636
Drilling Method: Geoprobe
Easting (NAD 83): 361373.817
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0219

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0219
Project Location: Gibbsboro, NJ
Date Completed: 12/2/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		115.7	12		0	0 - 0.5	AA-AB
		SM Dark Brownish Black fine to medium SAND and ORGANICS (Moist) (Loose)					0		
1		***SW*** Light Grayish Black fine SAND, some Gravel (Moist) (Loose) One of two macrocores contained a distinct brick layer					0		
				2531	179		0	1.5 - 2	AD-AE
2		***SW*** Dark Grayish Black fine to medium SAND, some Gravel (Moist) (Loose) Fill material throughout containing broken glass, sticks and other material					0		
			3/5				0		
3							0		
		SP-SM Light Yellowish White fine SAND, little Silt (Moist) (Medium Stiff).		102.7	16.3		0	3.5 - 4	AH-AI
4							0		
		SW Dark Grayish Black fine to medium SAND, trace Gravel (Moist) (Loose) Fill material, glass and plastic material, slight odor					0		A FID was not used to screen borehole MPSB0219.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365538.056
Drilling Method: Geoprobe
Easting (NAD 83): 361424.789
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0220

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0220

Project Location: Gibbsboro, NJ

Date Completed: 12/3/2015

Total Depth (ft bgs): 5

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		193.3	15.7		0	0 - 0.5	AA-AB
		OL/OH Dark Brownish Black ORGANICS, some medium Sand, little Gravel (Moist) (Loose)					0		
1		***GW*** Light Grayish White GRAVEL, little medium Sand (Dry) (Loose) concrete					0		
				739	20.3		0	1.5 - 2	AD-AE
2		***GW*** Dark Brownish Black GRAVEL and medium SAND (Moist) (Loose)					0		
			3.5/5				0		
3							0.7		
		GW Light Grayish White GRAVEL, trace medium Sand (Dry) (NA) distinct concrete layer		260.3	11.3		0.8	3.5 - 4	AH-AI
4							0		
		SW Dark Grayish White medium SAND, some Gravel (Wet) (Medium Stiff)					0		
		SP Dark Grayish Black fine to medium SAND (Moist) (Stiff)							A FID was not used to screen borehole MPSB0220.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365515.047

Drilling Method: Geoprobe

Easting (NAD 83): 361461.71

Sampling Method: Marcocore

Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0221

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0221
Project Location: Gibbsboro, NJ
Date Completed: 12/3/2015
Total Depth (ft bgs): 10
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		115.7	9.7		0	0 - 0.5	AA-AB
		OL/OH Dark Brownish Black ORGANICS and medium SAND (Moist) (Loose)					0		
		SW Light Grayish White fine to medium SAND, some Gravel (Moist) (Dense)							
1							0		
				232.3	14		0	1.5 - 2	AD-AE
2		***SW*** Moderate Brownish Black fine to medium SAND, some Gravel (Moist) (Dense)	3/5				0		
							0		
3		***GW*** Dark Brownish Black GRAVEL, some medium Sand (Moist) (Dense)					0		
				552.3	19		0		
4		***GW*** Dark Blackish Orange GRAVEL, some medium Sand (Wet) (Loose) One macrocore of six contained concrete material					0		
							0		
5		***SW*** Dark Grayish Black fine to medium SAND, little Gravel (Wet) (Loose)					0		
				273.7	10		0	5.5 - 6	AL-AM
6							0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365500.94
Drilling Method: Geoprobe
Easting (NAD 83): 361507.89
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0221

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 10

Borehole Completed As: MPSB0221

Date Completed: 12/3/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SW Dark Grayish Brown fine to coarse SAND, little Gravel (Wet) (Loose)	5/5				0		
7		***SP*** Dark Brownish Black fine to medium SAND (Wet) (Loose)					0		
		SM Dark Reddish Brown fine SAND and SILT (Saturated) (Very Stiff)					0		
8							0		
		SW Light Brownish Gray coarse SAND, some Gravel (Wet) (Very Loose)					0		
9							0		
							0		A FID was not used to screen borehole MPSB0221.
10		End of Borehole							
11									
12									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Marcocore

Northing (NAD 83): 365500.94

Easting (NAD 83): 361507.89

Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0222

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0222
Project Location: Gibbsboro, NJ
Date Completed: 12/4/2015
Total Depth (ft bgs): 8
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		143.3	38.3		0	0 - 0.5	AA-AB
		OL/OH Dark Brownish Black ORGANICS and medium SAND (Moist) (Loose)	0.5/0.5				0		
		SM Dark Brownish Black fine to medium SAND, some Organics (Wet) (Loose)	0.5/0.5				0		
1			0.5/0.5	1567.7	71		0	1.5 - 2	AD-AE
		SM Dark Brownish Gray fine to medium SAND, some Gravel, some Silt (Saturated) (Very Loose) Biological sheen and organic-like odor observed.	0.5/0.5				0		
2			0.5/0.5				0		
			0.5/0.5				0		
3		***MH*** Dark Grayish Black SILT, some fine Sand, little Gravel, little Organics (Saturated) (Loose) Orangic-like odor observed.	0.5/0.5	1704.3	64.3		0		
			0.5/0.5				0		
4		***SM*** Moderate Grayish Black fine SAND, some Silt, little Organics (Saturated) (Loose) Biological sheen and stronger organic-like odor observed.	0.5/0.5				0		
			0.5/0.5				0		
5			0.5/0.5				0		
			0.5/0.5	53	6		0	5.5 - 6	AL-AM
6			0.5/0.5				0.8		
			0.5/0.5				0		
7			0.5/0.5				0		
			0.5/0.5				0		A FID was not used to screen borehole MPSB0222.
8		End of Borehole							
9									
10									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365467.242
Drilling Method: Bucket Auger
Easting (NAD 83): 361546.395
Sampling Method: Towel
Depth to Watertable (ft bgs): 1.5

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Log of Borehole: MPSB0223

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0223
Project Location: Gibbsboro, NJ
Date Completed: 12/7/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		133.7	8		0	0 - 0.5	AA-AB
		SM Light Brownish Gray medium SAND, little Organics, little Gravel (Dry) (Loose)	0.5/0.5				0		
		SP Light Brownish Gray medium SAND, some Gravel (Dry) (Loose)	0.5/0.5				0		
1			0.5/0.5				0		
			0.5/0.5	140.3	8		0	1.5 - 2	AD-AE
			0.5/0.5				0		
2		***SP*** Dark Brownish Gray medium to coarse SAND, little Gravel (Dry) (Loose)	0.5/0.5				0		
		SP-SM Light Grayish White medium to coarse SAND, little Organics (Moist) (Loose)	0.5/0.5				0		
3			0.5/0.5				0		
			0.5/0.5	5.3	3		0	3.5 - 4	AH-AI
			0.5/0.5				0		
4			0.5/0.5				0		
			0.5/0.5				0		A FID was not used to screen borehole MPSB0223.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365526.461
Drilling Method: Bucket Auger
Easting (NAD 83): 361344.007
Sampling Method: Towel
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0224

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0224
Project Location: Gibbsboro, NJ
Date Completed: 12/4/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brownish Black fine to medium SAND, some Organics (Moist) (Loose) Orangic layer with fine to medium sand throughout, dark brownish black in color. no odor		51.3	5		0	0 - 0.5	AA-AB
							0		
1							0		
		SW Dark Grayish White fine to medium SAND, some Gravel (Saturated) (Medium Stiff) Fine to medium sand with gravel found throughout dark greyish white. no odor.		7.7	3.3		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
		SP Light Grayish White fine to coarse SAND (Wet) (Medium Stiff) Light greyish white sandy layer coarse, medium and fine sand present, corase increases with depth. no odor		8	4		0	3.5 - 4	AH-AI
4							0		
		SM Light Brownish Orange fine SAND, some Silt (Moist) (Stiff) Brownish orange sandy layer containing some silt throughout. well sorted. no odor					0		A FID was not used to screen borehole MPSB0224.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365484.051
Drilling Method: Geoprobe
Easting (NAD 83): 361387.096
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0225

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0225

Project Location: Gibbsboro, NJ

Date Completed: 12/4/2015

Total Depth (ft bgs): 5

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		55	5		0	0 - 0.5	AA-AB
		SM Dark Brownish Black fine to medium SAND, some Organics (Moist) (Loose)					0		
1							0		
		SW Light Grayish White medium to coarse SAND, some Gravel (Moist) (Loose)		4.7	3		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3		***SW*** Dark Brownish Brown fine to medium SAND, little Gravel (Wet) (Medium Stiff)					0		
				8.7	3.3		0	3.5 - 4	AH-AI
4							0		
		SM Light Brownish Brown fine SAND, some Silt (Moist) (Stiff)					0		A FID was not used to screen borehole MPSB0225.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365447.859

Drilling Method: Geoprobe

Easting (NAD 83): 361424.073

Sampling Method: Marcocore

Depth to Watertable (ft bgs): Not Encountered; > 5

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Log of Borehole: MPSB0226

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0226
Project Location: Gibbsboro, NJ
Date Completed: 12/7/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brownish Black medium to coarse SAND, some Organics, little Gravel (Moist) (Soft)		134.7	7		0	0 - 0.5	AA-AB
							0		
1							0		
		SW Dark Grayish Black medium to coarse SAND, some Gravel (Wet) (Medium Stiff)		13.3	4		0	1.5 - 2	AD-AE
2									
		SP-SM Dark Grayish Brown fine to medium SAND, little Silt (Wet) (Stiff)	3.5/5				0		
3							0		
				13.3	4		0	3.5 - 4	AH-AI
4							0		
							0		A FID was not used to screen borehole MPSB0226.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365423.703
Drilling Method: Geoprobe
Easting (NAD 83): 361292.257
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0227

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0227
Project Location: Gibbsboro, NJ
Date Completed: 12/7/2015
Total Depth (ft bgs): 5
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		49.3	5		0	0 - 0.5	AA-AB
		SM Dark Grayish Black medium SAND, some Organics, little Gravel (Moist) (Loose) Dark grayish black medium sandy organic layer with some gravel throughout. no odor					0		
1							0		
		SW Light Grayish Black medium to coarse SAND, some Gravel (Moist) (Stiff) Medium sandy layer with some coarse and gravel throughout. light greyish black in color. no odor.		8.7	4		0	1.5 - 2	AD-AE
2							0		
		SP Dark Brownish Black fine to medium SAND (Wet) (Stiff) Dark brownish black majority fine sand with medium sand throughout. slight biological odor observed.	3.5/5				0		
3							0		
				11.7	4		0	3.5 - 4	AH-AI
4							0		
		SM Light Brownish Orange fine SAND, some Silt (Saturated) (Stiff) Light brownish orange fine sandy layer with some silt. slight biological odor observed.					0		A FID was not used to screen borehole MPSB0227.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365714.924
Drilling Method: Geoprobe
Easting (NAD 83): 361520.585
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 4

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Log of Borehole: MPSB0228

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0228
Project Location: Gibbsboro, NJ
Date Completed: 12/8/2015
Total Depth (ft bgs): 5
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brownish Black fine to coarse SAND, some Silt, little Gravel, little Organics (Wet) (Medium Stiff)		43	5		0	0 - 0.5	AA-AB
							0		
1							0		
		SP-SM Dark Brown fine to medium SAND, little Silt (Saturated) (Medium Stiff)		11	4		0	1.5 - 2	AD-AE
2							0		
			4/5				0		
3							0		
		SM Dark Light Brown fine SAND and SILT (Saturated) (Medium Stiff) Organic muck odor		7.7	3			3.5 - 4	AH-AI
4							0		
							0		
5		End of Borehole							A FID was not used to screen borehole MPSB0228.
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365369.005
Drilling Method: Geoprobe
Easting (NAD 83): 361260.653
Sampling Method: Marcocore
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0229

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0229
Project Location: Gibbsboro, NJ
Date Completed: 12/8/2015
Total Depth (ft bgs): 5
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark black Gray fine to coarse SAND, some Organics, little Gravel (Moist) (Soft)		55	5		0.5	0 - 0.5	AA-AB
							0.4		
1		***SW*** Dark Light Gray fine to coarse SAND, little Gravel (Moist) (Medium Stiff)					0		
				9	4		0	1.5 - 2	AD-AE
		SW Brownish Orange fine to coarse SAND, some Gravel (Wet) (Medium Stiff)					0		
2							0		
			3.4/5				0		
3							0		
				13	9.3		0	3.5 - 4	AH-AI
		SM Light Yellowish Brown fine SAND and SILT (Moist) (Stiff)					0		
4							0		
									A FID was not used to screen borehole MPSB0229.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365342.713
Drilling Method: Geoprobe
Easting (NAD 83): 361293.011
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0230

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0230
Project Location: Gibbsboro, NJ
Date Completed: 12/8/2015
Total Depth (ft bgs): 5
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		89	5.7		0.7	0 - 0.5	AA-AB
		MH Black fine to medium SAND and ORGANICS, little Silt (Moist) (Soft)					8.5		
1		***SM*** Dark Grayish Black fine to coarse SAND and SILT (Wet) (Soft) Slightly sulfuric		7.7	4		0.3 0.1	1.5 - 2	AD-AE
2		***SW*** Dark Light Brownish Orange fine to coarse SAND and GRAVEL (Wet) (Dense)					0		
		SW Moderate Brownish Orange fine to coarse SAND (Wet) (Stiff)	3.75/5				0 0		
3				10	8		0	3.5 - 4	AH-AI
4		***SM*** Pale Grayish Orange fine SAND and SILT (Wet) (Stiff)					0 0		A FID was not used to screen borehole MPSB0260.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365319.372
Drilling Method: Geoprobe
Easting (NAD 83): 361338.534
Sampling Method: Marcocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0231

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0231
Project Location: Gibbsboro, NJ
Date Completed: 12/8/2015
Total Depth (ft bgs): 5
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		99	7		1.9	0 - 0.5	AA-AB
		MH Dark Brownish Gray ORGANICS, some fine Sand, some Silt (Moist) (Very Soft)					0		
1		***SM*** Dark Brownish Black fine/coarse SAND and SILT (Moist) (Soft)					0		
				10.3	4.7		0	1.5 - 2	AD-AE
2		***SM*** Dark Grayish Brown fine/coarse SAND and SILT, little Gravel (Saturated) (Very Soft)					0		
		SM Dark Light Grayish Tan fine SAND and SILT (Wet) (Soft)	5/5				0		
3							0		
				17.3	4		0	3.5 - 4	AH-AI
4		***SM*** Light Pale Grayish White fine SAND, some Silt (Saturated) (Soft) Leveling filll-like material					0		
		SM Light Pale Grayish White and Tan fine SAND, some Silt (Wet) (Soft) Leveling filll-like material					0		A FID was not used to screen borehole MPSB0231.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365239.915
Drilling Method: Bucket Auger
Easting (NAD 83): 361078.672
Sampling Method: Towel
Depth to Watertable (ft bgs): 1.5

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Log of Borehole: MPSB0232

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 6

Borehole Completed As: MPSB0232

Date Completed: 12/8/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Black ORGANICS, some Silt, some fine to medium Sand (Moist) (Very Soft)		169.7	7.7		1.7	0 - 0.5	AA-AB
							0		
		SM Dark Gray fine to coarse SAND, little Silt, little Organics (Wet) (Soft)					3.1		
1				8	4.3		0	1.5 - 2	AD-AE
							0.7		
2		***SM*** Dark Gray fine to coarse SAND, some Silt (Saturated) (Very Soft)					1.1		
		SW Brownish Orange fine to coarse SAND, little Gravel (Moist) (Soft)	6/6				0		
3				6.7	42		0		
							0		
4		***SM*** Weak Pale Grayish Yellow fine SAND and SILT, some Gravel (Wet) (Medium Stiff)					0		
5				11	4.7			5.5 - 6	AL-AM
6		End of Borehole							A FID was not used to screen borehole MPSB0232.
7									
8									

Drilling Subcontractor: ECDI

Drilling Method: Bucket Auger

Sampling Method: Towel

Northing (NAD 83): 365207.332

Easting (NAD 83): 361087.397

Depth to Watertable (ft bgs): 2

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Log of Borehole: MPSB0233

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0233

Project Location: Gibbsboro, NJ

Date Completed: NA

Total Depth (ft bgs):

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				Soil boring ID MPSB0233 was reserved as part of the West Clementon Road Soil Sampling program (December, 2015) but the boring was not installed due to proximity to existing MPSB0209 which was installed on September 22-23, 2015.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Northing (NAD 83): 0

Drilling Method:

Easting (NAD 83): 0

Sampling Method:

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0234

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0234

Project Location: Gibbsboro, NJ

Date Completed: 11/30/2015

Total Depth (ft bgs): 15

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SP-SM Orangish Brown fine to medium SAND, trace Silt (Dry) (Medium Dense)					0		
1							0		
		SM Grayish Brown fine to coarse SAND, little Silt (Dry) (Medium Dense)					0		
2							0		
		SW-SM Orange fine to coarse SAND, trace Gravel, trace Silt (Dry) (Very Loose)	3/5				0		
3							0		
		SM Tanish Orange fine to coarse SAND, little Silt (Dry) (Medium Dense) Fine lenses of gray/white fine sand along section; heavier around 8 ft bgs					0	3.5 - 4	AH-AI
4							0		
							0		
5							0		
							0		
6							0		
							0		
7							0		
			3.75/5				0		
8							0		
							0		
9							0		
							0		
10							0		
							0		
11		***SM*** Tanish Orange fine to coarse SAND, little Silt (Saturated) (Medium Dense)					0	11 - 11.5	AW-AX
							0		
12		***SM*** Tanish Orange fine to coarse SAND, little Silt (Saturated) (Medium Dense)	4.5/5				0		
							0		
13							0		
							0		A XRF was not used to screen borehole MPSB0234. A FID was not used to screen borehole MPSB0234.
14		***SM*** Light Orangish Tan fine to coarse SAND, little Silt (Saturated) (Medium Dense)					0		
15		End of Borehole							
16									
17									
18									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365064.994

Drilling Method: Geoprobe

Easting (NAD 83): 361852.085

Sampling Method: Marcocore

Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0235

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 15

Borehole Completed As: MPSB0235

Date Completed: 11/30/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SM Light Brown fine to coarse SAND, little Silt (Dry) (Very Loose)					0		
1		***SP*** Orange fine to medium SAND (Dry) (Medium Dense)					0		
2							0		
			3/5				0		
3							0		
		SM Orange fine to coarse SAND, little Silt (Moist) (Medium Dense) Lenses of fine white san from 3.5-11' bgs; mica flakes					0		
4							0		
							0		
5							0		
							0		
6							0		
							0		
7							0		
			4/5				0		
8							0		
							0		
9							0	9 - 9.5	AS-AT
							0		
10							0		
							0		
11		***SM*** Tanish Orange fine to coarse SAND, little Silt (Saturated) (Medium Dense) Lenses of fine white sand from 3.5-11' bgs; mica flakes					0	11 - 11.5	AW-AX
							0		
12							0		
			5/5				0		
13							0		
							0		A XRF was not used to screen borehole MPSB0235.
14							0		A FID was not used to screen borehole MPSB0235.
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Marcocore

Northing (NAD 83): 365106.621

Easting (NAD 83): 361864.216

Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0236

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0236

Project Location: Gibbsboro, NJ

Date Completed: 11/30/2015

Total Depth (ft bgs): 15

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		OL/OH Brown ORGANICS, trace Silt (Dry) (Loose)					0		
1		***SM*** Grayish Brown fine to coarse SAND, little Silt (Dry) (Loose)					0		
2		***SP-SM*** Orange fine to coarse SAND, trace Silt (Dry) (Medium Dense) Lenses of fine white sand throughout 1.5-11; concentrated around 8 ft bgs	3/5				0		
3							0		
4							0		
5							0		
6							0		
7			2/5				0		
8							0		
9							0		
10							0		
11		***SP-SM*** Orange fine to coarse SAND, trace Sil (Saturated) (Medium Dense) mica flakes	5/5				0	11 - 11.5	AW-AX
12							0		
13							0		A XRF was not used to screen borehole MPSB0236.
14							0		A FID was not used to screen borehole MPSB0236.
15		***SP-SM*** Gray fine to coarse SAND, trace Silt (Saturated) (Medium Dense) mica flakes					0		
16		End of Borehole							
17									
18									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365013.121

Drilling Method: Geoprobe

Easting (NAD 83): 361838.473

Sampling Method: Marcocore

Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0237

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0237

Project Location: Gibbsboro, NJ

Date Completed: 11/30/2015

Total Depth (ft bgs): 15

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SM Brownish Gray fine to coarse SAND, little Silt, little Clay, little Organics (Dry) (Loose)					0		
1							0		
		SM Orange fine to medium SAND, little Silt, little Clay (Dry) (Very Loose)					0		
2			2.5/5				0		
		SM Orange fine to coarse SAND, little Silt, little Clay (Dry) (Loose) lenses of fine white sand, highly concentrated at 6-7 ft gs					0		
3							0		
							0		
4							0		
							0		
5							0		
							0		
6							0		
							0		
7			3/5				0		
							0		
8							0		
							0		
9							0		
							0		
10							0		
							0		
11		***SM*** Orange fine to coarse SAND, little Silt, little Clay (Saturated) (Loose) lenses of fine white sand, highly concentrated at 6-7 ft gs					6.4	11 - 11.5	AW-AX
							0		
12			5/5				0	12 - 12.5	AY-AZ
							0		
13							0		A XRF was not used to screen borehole MPSB0237.
							0		
14							0.3		A FID was not used to screen borehole MPSB0237.
							0.9		
15		End of Borehole							
16									
17									
18									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365152.674

Drilling Method: Geoprobe

Easting (NAD 83): 361873.398

Sampling Method: Marcocore

Depth to Watertable (ft bgs): 11

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Log of Borehole: MPSB0238

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 15

Borehole Completed As: MPSB0238

Date Completed: 11/30/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					6.6		
		OL/OH Weak Light Black ORGANICS, little Silt (Dry) (Loose)					14.7		
1		***SM*** Orange fine to coarse SAND, little Silt (Dry) (Loose)					7.2		
2							2.6		
							1.9		
			3/5				0.8		
3		***SM*** Orange fine to coarse SAND, little Silt (Dry) (Loose)					0.6		
							0.5		
4							0		
							0		
5							0		
		SM Orange fine to coarse SAND, little Silt (Dry) (Loose) Lenses of fine white sand interbedded, highly concentrated at 6-7 ft bgs					0		
6							0		
							0		
7							0		
			3.5/5				0		
8							0		
							0		
9							0		
							0		
10							0		
							0		
11		***SM*** Orange fine to coarse SAND, little Silt (Saturated) (Loose)					0		
							6.9	11.5 - 12	AX-AY
12							3.1		
			5/5				2.3		
13							8.5		A XRF was not used to screen at borehole MPSB0238.
		SP-SM Orange fine to medium SAND, little Silt (Wet) (Dense) high mica content					2.6		
14							5		A FID was not used to screen borehole at MPSB0238.
							0		
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Marcocore

Northing (NAD 83): 365154.507

Easting (NAD 83): 361889.297

Depth to Watertable (ft bgs): 11

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Phone: (732) 417-5800
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Log of Borehole: MPSB0239

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0239

Project Location: Gibbsboro, NJ

Date Completed: 12/1/2015

Total Depth (ft bgs): 20

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0.3		
		OL/OH Brown ORGANICS, little fine to coarse Sand, trace Silt (Dry) (Loose) Topsoil				0	4.7		
1						0	33.6		
						27.6	44.1		
2		***SP*** Dark Brownish Orange medium to coarse SAND (Dry) (Loose)				7.7	57		
			2.5/5			92.4	126.2		
3						26.9	124.7	3 - 3.5	AG-AH
		SP Brownish Orange fine to coarse SAND (Dry) (Medium Dense)				157	353.4		
4						8.6	193.3		
						27.5	88.3		
5		***SP*** Orange fine to medium SAND (Dry) (Loose) Lenses of fine white sand throughout				79.2	180.3		
						164.2	310		
6						112.3	585.5		
						463.5	263.2		
7						343.6	541.9		
			3/5			344.6	151.5		
8						365.8	640.8		Odor from 8-18.5'bgs
		SP Weak Gray fine to medium SAND (Dry) (Loose)				1018	1479		
9						2891	1799		
						1029	1423	9.5 - 10	AT-AU
10						742	850.1		
						1069	605.5		
11						2126	994.3		
						97.3	123.7		
12		***SP*** Weak Orangish Gray fine to medium SAND (Saturated) (Loose)				466.5	398		
			5/5			97.5	203.2		
13		***SP*** Weak Gray fine to medium SAND (Saturated) (Loose)				23.1	39.7		
						5.2	21.3		
14						14.6	84.2		
						34	91.6		
15						0	17		
						5.4	1.7		
16						26.3	9.3		
						15.2	2		
17						25.2	0.9	17 - 17.5	BI-BJ
			5/5			70.1	1.5		
18						13.3	15.3		
						1.7	3.8		
19		***SP*** Grayish Orange fine to coarse SAND (Saturated) (Loose)				1.7	0.5		A XRF was not used to screen borehole MPSB0239.
						0	13.2		
20		End of Borehole							
21									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365202.513

Drilling Method: Geoprobe

Easting (NAD 83): 361890.47

Sampling Method: Marcocore

Depth to Watertable (ft bgs): 12.5

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Log of Borehole: MPSB0240

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0240
Project Location: Gibbsboro, NJ
Date Completed: 12/1/2015
Total Depth (ft bgs): 20
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0.1		
		OL/OH Brown ORGANICS, some coarse Sand (Dry) (Loose) Topsoil				0	0		
1						0	0		
						0	0.4		
2		***SW*** Brownish Orange medium to coarse SAND (Dry) (Loose) Coarsening upwards				0	0		
			2.5/5			0	0.8		
3						5.9	16.5		
						4	17.8		
4		***SW*** Grayish Tan fine to coarse SAND (Dry) (Loose) Coarsening upwards				0	0.7		
						0	1.5		
5						0	0.6		
						0	1.8		
6		***SW*** Orange fine to medium SAND (Dry) (Loose)				0	0		
						0	0.2		
7						29.4	27.2		
			3/5			57.1	25		
8		***SW*** Orange fine to medium SAND (Dry) (Loose) lenses of fine white sand throughout				86.2	42.4		
						29.5	80		
9						56	393.3		
						60.2	159		
10						1082	52.8		
						804.4	34.4		
11		***SW*** Brown fine to medium SAND (Dry) (Loose)				314.2	381.9		
						1341.1	331.7		
12		***SP*** Brown fine to medium SAND (Dry) (Loose) lenses of fine white sand throughout				150	198.8		
			4.5/5			214.3	393.3		
13						446.1	698.4		
						1900	710		Petro odor; black mottling around 15-15.5' bgs
14		***SP*** Gray fine to medium SAND (Dry) (Loose)				1784	517.7		
						863.3	305.3		
15						770.1	1723	15 - 15.5	BE-BF
		SP Gray fine to medium SAND (Saturated) (Loose)				67.2	82.1		
16						67.2	469.1		
						200.9	223.7		
17						187.1	65.2		
			4.5/5			227	78.8		
18						115.1	43.3		
						64	33.2		
19						34	62.9		
						190	19.9	19.5 - 20	BN-BO
20		End of Borehole							A XRF was not used to screen borehole MPSB0240.
21									
22									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365199.641

Drilling Method: Geoprobe
Easting (NAD 83): 361916.084

Sampling Method: Marcocore
Depth to Watertable (ft bgs): 15.5

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Log of Borehole: MPSB0241

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0241

Date Completed: 12/1/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	3.5		
		OL/OH Brown ORGANICS, little coarse Sand (Dry) (Loose) Topsoil				0	4.6		
1						0	2.3		
		SP Orange medium to coarse SAND (Dry) (Loose)				0	24.6		
2						0	26.5		
		SP Orange fine to coarse SAND (Dry) (Loose)	2.5/5			0	112.9	2.5 - 3	AF-AG
3						0	314.5		
						0	208.6		
4						0	235.2		
		SP Orange fine to coarse SAND (Dry) (Loose) Lenses of fine white sand throughout, highly concentrated at 7.5-8.5 ft bgs				0	271.5		
5						349.1	224.4		
						371.9	398.6		
6						109	294.2		
						226.3	377.7		
7						325.1	517.7		
			4/5			236.6	753.8		
8						39.2	391.3		
						41.7	430		
9						42.9	286.6		
						95.3	450.2		
10		***SP*** Orange fine to coarse SAND (Dry) (Loose)				512.1	1013		
						410.8	2344.9		
11						643.7	160.4		
						722.3	1943		
12						377	1980		
			4/5			2200	2966	12.5 - 13	AZ-BA
13						165.5	353.4		Staining, odor

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365243.547

Easting (NAD 83): 361912.695

Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0241

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0241

Date Completed: 12/1/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SP Gray fine to medium SAND (Dry) (Dense)				74	150.5		
14		***SP*** Orangish Gray fine to medium SAND (Dry) (Dense)				65.9	161.4		
						10.5	24.8		
15		***SP*** Orangish Gray fine to medium SAND (Saturated) (Dense)				10.2	25.1	15 - 15.5	BE-BF
						0	62.2		
16		***SP*** Orange fine to medium SAND (Saturated) (Dense)				25	20		
						98	26.9		
		SP Gray fine to medium SAND (Saturated) (Dense)				26.9	32.7		
17			5/5			0	20.7		
18						1.7	91.1		
						0	496.6		
19						0	1774		
						104.9	2444	19.5 - 20	BN-BO
20						17.2	190.4		
						1.2	56.6		
21						0.7	61	21 - 21.5	BQ-BR
						0	35.7		
22		***SP*** Orange fine to medium SAND (Saturated) (Dense)				7	3.3		
			5/5			12.6	7.7		
23						0	0.9		
						3.8	8.1		
24						0	4.1		
						0	2.3		A XRF was not used to screen borehole MPSB0241.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365243.547

Easting (NAD 83): 361912.695

Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0242

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0242
Date Completed: 12/2/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown fine to coarse SAND, some Organics, little Silt, little Clay (Dry) (Very Loose) Topsoil					0.5		
1							0		
		SW Orange fine to coarse SAND (Dry) (Very Loose)					0		
2							0		
		SW Dark Red fine to coarse SAND (Dry) (Very Loose)	2.5/5				0		
3							0		
		SW Orange fine to coarse SAND (Dry) (Very Loose) Fining upwards					0		
4							0		
		SW Orange fine to medium SAND (Dry) (Very Loose)					0		
5		***SP*** Orange fine to medium SAND (Dry) (Very Loose)					21.8		
							36.7		
6							144.6	6 - 6.5	AM-AN
		SP Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand; concentrated at 9-10 ft bgs					106.7		
7							129.9		
			3/5				168.8		
8							393.3		
							472		
9							104.2		
							448.8		
10							40		
							1297		
11							1448		
							1394		
12							1295		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365228.847
Easting (NAD 83): 361929.594
Depth to Watertable (ft bgs): 14

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Phone: (732) 417-5800
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Log of Borehole: MPSB0242

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0242
Date Completed: 12/2/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
13		***SP*** Gray fine to medium SAND (Dry) (Soft) Orange, white, and black banding throughout	4/5				1550	12.5 - 13	AZ-BA
							1467		
							1537		
14							1078		Petro odor
		SP Gray fine to medium SAND (Saturated) (Soft)					1164		
15							733.3		
							649.3		
16							479.6		
							141.5		
17							58.8		
			5/5				106.7		
18							60		
							30.8		
19							52.1		
		SP Light Orangish Tan fine to medium SAND (Saturated) (Soft)					15.1		
20							106.6		
							771.7	20.5 - 21	BP-BQ
21							90.2		
							95.5		
22							106.1		
		SP Light Orange fine to medium SAND (Saturated) (Soft)	5/5				49	22.5 - 23	BT-BU
23							33		
							16.3		
24							43.1		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365228.847
Easting (NAD 83): 361929.594
Depth to Watertable (ft bgs): 14

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Phone: (732) 417-5800
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Log of Borehole: MPSB0242

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0242

Project Location: Gibbsboro, NJ

Date Completed: 12/2/2015

Total Depth (ft bgs): 35

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
25							11.5 9.4		
							16.7		
26							18.7		
							12.4		
27							9.6		
			5/5				18.2		
28							44.8		
							88.5		
29		***SP*** Light Orange fine to medium SAND (Saturated) (Soft)					244		
							342		
30		***SP*** Gray fine to medium SAND (Saturated) (NA)					17.6	30 - 30.5	CI-CJ
							22.4		
31							28.5		
							9		
32							9.4		
							15.5		
33		***SP*** Orange fine to medium SAND (Saturated) (NA) Lenses of fine white sand at top of interval					19.5		
							18.3		
34							21.9		A XRF was not used to screen borehole MPSB0242.
							9.1		A FID was not used to screen borehole MPSB0242.
35		End of Borehole							
36									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365228.847

Drilling Method: Geoprobe

Easting (NAD 83): 361929.594

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 14

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Log of Borehole: MPSB0243

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0243
Project Location: Gibbsboro, NJ
Date Completed: 12/3/2015
Total Depth (ft bgs): 20
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
1		***OL/OH*** Brown ORGANICS, some fine to coarse Sand, little Silt, little Clay (Dry) (Loose) Topsoil					0		
2							0		
3		***SW*** Orange fine to coarse SAND (Dry) (Loose) Coarsening upwards	2.5/5				0		
4							0		
5		***SW*** Brown fine to coarse SAND (Dry) (Soft)					0		
6		***SP*** Orange fine to coarse SAND (Dry) (Soft)					0.2 0 0.1		
7		***SP*** Orange fine to coarse SAND (Dry) (Soft) Lenses of finen white sand	3.5/5				14.1 8.6 28.1		
8							17.6		
9							14.5 13.1 16.2		
10		***SP*** Gray fine to coarse SAND (Dry) (Soft) Black, and white banding at 10.5-11					4.8 35.6	10.5 - 11	AV-AW
11							35.1 37		
12		***SP*** Orange fine to coarse SAND (Saturated) (Soft)	5/5				13.5		Staining, petro odor
13							15.3 10.8		
14		***SP*** Gray fine to coarse SAND (Saturated) (Soft)					8.5 3.9		
15							4.8 5.3		
16							3.9 1.6		
17		***SP*** Gray fine to coarse SAND (Saturated) (Soft)	5/5				0.5 0.4 0.9		
18							0.6	18 - 18.5	BK-BL
19							0.7 1.1		
20							1.1		
21		End of Borehole							A XRF was not used to screen borehole MPSB0243. A FID was not used to screen borehole MPSB0243.
22									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365276.611

Drilling Method: Geoprobe
Easting (NAD 83): 361933.554

Sampling Method: Macrocore
Depth to Watertable (ft bgs): 12.5

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Log of Borehole: MPSB0244

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0244
Date Completed: 12/3/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		OL/OH Brown ORGANICS, some fine Sand (Dry) (Very Loose) Topsoil					0		
1		***SM*** Orange fine to coarse SAND, little Silt (Dry) (Very Loose) Coarsening upwards; larger pebbles at contact with topsoil					19.4		
2							11.3		
							7.4		
			3.5/5				5.3		
3		***SM*** Orange fine to medium SAND, some Silt (Dry) (Very Loose)					10.9		
							15		
4							8.4		
							9.2		
5							16.3		
							4.1		
6							10		
							14		
7							22		
			3.75/5				34.7		
8		***SM*** Orange fine to medium SAND, some Silt (Dry) (Very Loose) Lenses of fine white sand; highly concentrated around 10.5-11					29.4		
							34		
9							34.9		
							29.1		
10							6.9		
							2.2		
11							44.5		
							90.1		
12							34.4		Gray to black staining; odor
		SM Gray fine to medium SAND, some Silt (Saturated) (Loose)	4/5				35.6		
13							150.9		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365263.14
Easting (NAD 83): 361951.25
Depth to Watertable (ft bgs): 16.5

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Log of Borehole: MPSB0244

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0244

Date Completed: 12/3/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
14							130.2 199.3	14 - 14.5	BC-BD
15							67 23		
16							4.1 5.7		
17							10.1 3.7		
18			5/5				1.7 0.1		
19							3 0		
20							1.2 0.2		
21		***ML*** Gray SILT and CLAY, little fine Sand (Saturated) (Medium Stiff)					0 0	20.5 - 21	BP-BQ
22							0 0		
23			5/5				0 0		
24							0 0		A XRF was not used to screen borehole MPSB0244. A FID was not used to screen borehole MPSB0244.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365263.14

Easting (NAD 83): 361951.25

Depth to Watertable (ft bgs): 16.5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0245

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0245

Date Completed: 12/3/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		OL/OH browm ORGANICS, some medium Sand (Dry) (Very Loose) Topsoil					0		
1		***SW*** Orange fine to coarse SAND (Dry) (Very Loose) Coarsening upwards					0		
							0		
2		***FL*** Fill: () () Red Brick Fragments	2.5/5				0		
							0		
3		***SP*** Orangish Tan fine to medium SAND (Dry) (Loose)					0		
							0		
4		***SP*** Orange fine to medium SAND (Dry) (Loose)					0		
							0		
5							0		
							0.3		
6		***SP*** Orange fine to medium SAND (Dry) (Loose) Lenses of fine white sand throughout					0.1		
							0		
7							0.1		
			4/5				0.2		
8							3.8		
							3.7		
9							32.4		
							144.9		Mild staining, mild odor
10		***SP*** Gray fine to medium SAND (Dry) (Loose)					69.3		
							57.9		
11		***SP*** Orange fine to medium SAND (Dry) (Loose)					693.3		Black banding 11-12' bgs; black staining and odor 12-12.5' bgs
		SP-SM Gray fine to medium SAND, little Silt (Dry) (Medium Dense)					70.7		
12							829.7	12 - 12.5	AY-AZ

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365327.3

Easting (NAD 83): 361970.334

Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0245

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0245
Project Location: Gibbsboro, NJ
Date Completed: 12/3/2015
Total Depth (ft bgs): 20
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
13			4/5				583.3		
		SP-SM Gray fine to medium SAND, little Silt (Saturated) (Medium Dense) Lenses of fine white sand 13-17.5' bgs					134.4		
14							44.1		
							42.5		
							14.4	14.5 - 15	BD-BE
15							9.5		
							2.5		
16							3.7		
							23.5		
17							2		
			5/5				1.7		
18							0.2		
							0.1		
19							0.9		A XRF was not used to screen borehole MPSB0245.
							0		A FID was not used to screen borehole MPSB0245.
20		End of Borehole							
21									
22									
23									
24									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365327.3
Drilling Method: Geoprobe
Easting (NAD 83): 361970.334
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 13.5

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Log of Borehole: MPSB0246

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0246

Date Completed: 12/4/2015

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SM Dark Brown fine SAND and SILT (Dry) (Loose)					0		
1		***SM*** Dark Brown fine to coarse SAND and SILT (Dry) (Loose)					0		
							0		
2		***SM*** Tan fine to coarse SAND and SILT (Dry) (Loose)					0		
			2.5/5				0		
3		***SM*** Moderate tannish orange-Brown fine to coarse SAND, some Silt (Dry) (Loose)					0		
							0		
4		***SM*** Moderate tannish orange-Brown fine to coarse SAND, some Silt (Dry) (Loose)					0		
							0.2		
5		***SM*** Moderate tannish orange-Brown fine to coarse SAND, some Silt (Dry) (Loose)					0.5		
							0.4		
6							0.1		
							0		
7							0		
			3.4/5				0		
8							0		
							0		
9							0		
							1.2		
10							3.9		
							24.5		
11							41.1		
							63.4		
12		***SM*** Weak Orange fine to coarse SAND, some Silt (Dry) (Loose)					177.2		Musty odor
			4/5				408.5		
13							686.4		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365277.697

Easting (NAD 83): 361979.965

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0246

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0246

Project Location: Gibbsboro, NJ

Date Completed: 12/4/2015

Total Depth (ft bgs): 25

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
							546.6		
14							372.4		
		SW-SM Weak Gray fine to medium SAND, little Silt (Dry) (Loose)					870	14.5 - 15	BD-BE
15							562.3		
							717		
16		***SW-SM*** Gray fine to medium SAND, little Silt (Saturated) (Loose)					600		
							766.7		
17							319.4		
			5/5				78.4	17.5 - 18	BJ-BK
18		***SP-SM*** Gray fine to medium SAND, little Silt (Saturated) (Loose)					47.8		
							22.6		
19							118.6		
							43		
20		***SM*** Gray fine to coarse SAND, little Silt, little Clay (Saturated) (Loose)					46.6		
							49.9		
21		***CL*** Gray CLAY, some fine Sand, little Silt (Saturated) (Soft) Fine white sand lenses					17.1		
							19.1		
22							11.7		
			5/5				6.8		
23							5.6		
							13.1		
24		***CL*** Orangish Brown CLAY and fine to medium SAND, little Silt (Moist) (Dense)					6.2		A XRF was not used to screen borehole MPSB0246.
							6.1		A FID was not used to screen borehole MPSB0246.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365277.697

Drilling Method: Geoprobe

Easting (NAD 83): 361979.965

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0247

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0247

Date Completed: 12/4/2015

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					1		
		SM Dark Brown fine to coarse SAND, some Silt, some Organics (Dry) (Loose)					0.6		
1		***SM*** Dark Brown fine to coarse SAND, some Silt (Dry) (Loose)					0		
		SM Weak Dark Tannish Brown fine to coarse SAND, some Silt (Dry) (Loose)					0.4		
2		***SM*** Weak Tannish Brown fine to coarse SAND, some Silt (Dry) (Loose)					26.2		
			3/5				62.9		
3							30.2		
		SM Moderate Tannish Gray fine to medium SAND, some Silt, some Clay (Dry) (NA) Fine white sand lenses					94.9		
4							76.4		
							45.5		
5							215.5		
							43.1		
6							179.6		
							175		
7							490.5		
			4/5				573.7		
8							788		
							522		
9		***SM*** Grayish Orange fine to medium SAND, some Silt (Dry) (NA)					697.1		Petro odor
							794.4		
10							650.1		
							1021		Petro odor
11							1170		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365357.695

Easting (NAD 83): 361989.677

Depth to Watertable (ft bgs): 12.5

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Log of Borehole: MPSB0247

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0247

Project Location: Gibbsboro, NJ

Date Completed: 12/4/2015

Total Depth (ft bgs): 20

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM Grayish Orange fine to medium SAND, some Silt (Dry) (NA)					1273		
12		***SM*** Weak Grayish Black fine to medium SAND, some Silt (Saturated) (NA)	4/5				1330	12 - 12.5	AY-AZ Mottled black staining
							283		Petro odor
13		***SM*** Moderate Grayish Orange fine to medium SAND, some Silt (Saturated) (NA)					112.5		
							55.6	13.5 - 14	BB-BC
14		***SM*** Moderate Grayish Orange fine to medium SAND, some Silt, some Clay (Saturated) (NA)					17.5		
							11.9		
15		***SM*** Moderate Grayish Orange fine to medium SAND, some Silt, some Clay (Saturated) (NA)					58.2		
							9.6		
16							16.2		
							17.7		
17		***SC*** Moderate Grayish Orange fine to coarse SAND, some Clay, little Silt (Saturated) (NA)	5/5				7.2		
							12.5		
18							1.4		
							2		
19							1		A XRF was not used to screen borehole MPSB0247.
							2.1		A FID was not used to screen borehole MPSB0248.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365357.695

Drilling Method: Geoprobe

Easting (NAD 83): 361989.677

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 12.5

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Log of Borehole: MPSB0248

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0248

Project Location: Gibbsboro, NJ

Date Completed: 12/07/2015

Total Depth (ft bgs): 25

Geologist/Logger: Dyna Krumich Ogonowski

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				Lithologic information is unavailable.
		Not characterized				

Drilling Subcontractor: ECDI

Northing (NAD 83): 365327.397

Drilling Method: Geoprobe

Easting (NAD 83): 362015.448

Sampling Method: Macrocore

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0249

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0249

Project Location: Gibbsboro, NJ

Date Completed: 12/07/2015

Total Depth (ft bgs): 5

Geologist/Logger: Dyna Krumich Ogonowski

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				Lithologic information is unavailable.
		Not characterized				

Drilling Subcontractor: ECDI

Northing (NAD 83): 365215.967

Drilling Method: Geoprobe

Easting (NAD 83): 362054.836

Sampling Method: Macrocore

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0250

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0250

Project Location: Gibbsboro, NJ

Date Completed: 12/07/2015

Total Depth (ft bgs): 5

Geologist/Logger: Dyna Krumich Ogonowski

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				Lithologic information is unavailable.
		Not characterized				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365227.595

Drilling Method: Geoprobe

Easting (NAD 83): 362070.845

Sampling Method: Macrocore

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0251

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: MPSB0251

Project Location: Gibbsboro, NJ

Date Completed: 12/07/2015

Total Depth (ft bgs): 5

Geologist/Logger: Dyna Krumich Ogonowski

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				Lithologic information is unavailable.
		Not characterized				

Drilling Subcontractor: ECDI

Northing (NAD 83): 365253.952

Drilling Method: Geoprobe

Easting (NAD 83): 362086.651

Sampling Method: Macrocore

Depth to Watertable (ft bgs):

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Log of Borehole: MPSB0252

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 15

Borehole Completed As: MPSB0252

Date Completed: 12/8/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SM Dark Brown medium SAND and ORGANICS (Dry) (Very Loose)					0		
1							0		
		SP Tan fine to coarse SAND (Dry) (Very Loose) Some pebbles throughout					0		
2							0		
			2.5/5				0		
3		***SP*** Gray fine to medium SAND (Dry) (Very Loose)					0		
							0		
4		***SP*** Weak Orange fine to medium SAND (Dry) (Very Loose)					0		
							0		
5		***SP*** Light Tan fine to coarse SAND (Dry) (Very Loose)					0		
							0	5.5 - 6	AL-AM
6		***SP*** Gray fine to coarse SAND (Saturated) (Very Loose)					0		
							0		
7							0		
			3/5				0		
8		***GW*** Tan GRAVEL, some fine to coarse Sand (Saturated) (Very Loose) Large pebbles and clasts					0		
							0		
9							0		
		SP Tan fine to coarse SAND (Saturated) (Very Loose)					0		
10							0.1		
							0		
11		***SC*** Tan fine to coarse SAND and CLAY (Saturated) (Soft) Fine white sand lenses throughout					0		
							0		
12							0		
			5/5				0		
13							0		
							0		
14							2.5		A XRF was not used to screen borehole MPSB0252.
							0		A FID was not used to screen borehole MPSB0252.
15		End of Borehole							
16									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365151.248

Easting (NAD 83): 362160.769

Depth to Watertable (ft bgs): 5.5

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Log of Borehole: MPSB0253

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0253

Date Completed: 12/8/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***FL*** Fill: Rubble Asphalt					0		
1							0		
2		***SP*** Orange medium to coarse SAND (Dry) (Very Loose)	3/5				0		
3							0		
4							0		
5		***SP*** Orange fine to coarse SAND (Dry) (Medium Dense) Lenses of fne white sand throughtout					0		
6							0		
7							0		
8			3.5/5				0		
9		***SP*** Orange fine to coarse SAND (Dry) (Medium Dense) Lenses of fine white sand throughout					84.9		
10							886		
11							590		
12		***SP*** Orange fine to coarse SAND (Saturated) (Medium Dense) Lenses of fine white sand throughout	4.5/5				493		
13							1012	10.5 - 11	AV-AW
14		***SC*** Orange fine SAND and CLAY (Saturated) (Soft)					955		
15							894		
16		***SC*** Weak Orange fine SAND and CLAY (Saturated) (Dense) Bands of fine white sand; color not as vibrant as shallower ntervals					680.2		
17							298		
18		***SM*** Weak Orange fine to medium SAND, some Silt (Saturated) (Dense)	5/5				427		
19							701		
20							397.7		
21		End of Borehole					172		
22							9.9	15 - 15.5	BE-BF
							11.4		
							3		
							5.9		
							15.4		
							4.3		A XRF was not used to screen borehole MPSB0253.
							13.5		
							21		A FID was not used to screen borehole MPSB0253.
							7.6		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Marcocore

Northing (NAD 83): 365391.959

Easting (NAD 83): 362020.083

Depth to Watertable (ft bgs): 11.5

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Log of Borehole: MPSB0254

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0254

Date Completed: 12/8/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					14.5		
		FL Fill: Rubble Aphalt					19.8		
1							25.2		
		SP Orange medium to coarse SAND (Dry) (Very Loose)					15.6		
2							17.2		
			3.5/5				86.2		
3							77.8		
							13.6		
4							8.9		
		SP-SM Orange fine to medium SAND, little Silt (Dry) (Dense) Lenses of fine white sand					2.4		
5							53.5		
							9.9		
6							9.9		
							16		
7							46		
			3/5				194.4		
8							68.5		
							114		
9							679		
							910	9.5 - 10	AT-AU
10							425.9		
							564.3		
11							830.5		
							637		
12							834.7	12 - 12.5	AY-AZ
			5/5				576		
13		***SP-SM*** Orange fine to medium SAND, little Silt (Dry) (Dense) Gray and black mottles					798		
							732		
14							48	14 - 14.5	BC-BD
		SP Gray fine to medium SAND (Saturated) (Dense) Orange banding 14-14.25					21.8		
15							85.5		
							64.4		
16							42.5		
							36		
17							13.8		
			5/5				14.1		
18		***CL*** Gray CLAY, little fine Sand (Saturated) (Soft) Clay lense					11.9		A XRF was not used to screen borehole MPSB0254.
19							13.7		
							3.2		A FID was not used to screen borehole MPSB0254.
20		***SP*** Tan fine to medium SAND (Dry) (Dense)					4.7		
21		End of Borehole							
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365384.294

Easting (NAD 83): 362032.861

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0255

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0255

Date Completed: 12/9/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Brown ORGANICS, some coarse Sand (Dry) (Very Loose) Topsoil					1.6		
							2.8		
1		***SW*** Brown fine to coarse SAND (Dry) (Very Loose) Coarseing upwards					4.1		
							1.5		
2		***SW*** Orange fine to coarse SAND (Dry) (Very Loose) Coarseing upwards					2.4		
			2.5/5				21.5		
3		***SW*** Tan fine to coarse SAND (Dry) (Very Loose) Coarseing upwards					31.4		
							16.2		
4		***SW*** Orange fine to coarse SAND (Dry) (Very Loose)					10		
							7.7		
5		***SP*** Orange fine to coarse SAND (Dry) (Dense)					2.1		
							10.3		
6							1.8		
							4.4		
7							45.9		
			3/5				69.1		Mottled, sparse black staining
8		***SP*** Orange fine to coarse SAND (Dry) (Dense) Lenses of fine white sand throughout;					538.4		
							1042		
9							888.3		
							803.5		
10							722.3		
							733.9		
11							744.8		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365424.1

Easting (NAD 83): 362067.587

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0255

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0255

Date Completed: 12/9/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
12							1188		
							1291		
			4/5				1150		
13		***SM*** Orange fine to medium SAND, some Silt (Moist) (Dense)					1522		Black staining; strong odor
		SM Black fine SAND, some Silt (Moist) (Dense)					1536	13.5 - 14	BB-BC
14		***SP*** Black fine to medium SAND (Saturated) (Dense) Few bands of black sand					805		
							628.7		
15							84.8		
							39.8	15.5 - 16	BF-BG
16							28		
							39.3		
17							21.1		
			5/5				24		
18							31.3		
							43.2		
19		***SP*** Black fine to medium SAND (Saturated) (Dense) Black, orange, and red banding througout					35.7		A XRF was not used to screen borehole MPSB0255.
							33		A FID was not used to screen borehole MPSB0255.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365424.1

Easting (NAD 83): 362067.587

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0256

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0256

Date Completed: 12/9/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brown coarse SAND and ORGANICS (Dry) (Very Loose) Topsoil					2.4		
1							3.9		
		SP Brown fine to coarse SAND (Dry) (Very Loose)					4.1		
2							5.1		
		SP Brown fine to coarse SAND (Dry) (Very Loose)	2.5/5				2.4		
3							2.2		
		SP Orange fine to coarse SAND (Dry) (Very Loose)					1.8		
4							5.7		
		SP Orange fine to coarse SAND (Dry) (Very Loose)					7.5		
5							4.1		
		SP Light Orange fine/coarse SAND (Moist) (Soft) Pebbles throughout					5.7		
6							3.5		
							5.4		
7							4.7		
		SP Orange fine to medium SAND (Moist) (Soft)	3.5/5				5.4		
8							5.5		
							8		
9							9.5		
		SP Orange fine to medium SAND (Moist) (Soft) Lenses of fine white/gray sand throughout					126		
10							132		
							166		
11							496		
							305		
12							964		
							1600		
13			3.5/5				1085		
							1020		Strong odor
14							990		
							1736	14 - 14.5	BC-BD

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365411.048

Easting (NAD 83): 362080.57

Depth to Watertable (ft bgs): 15.5

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Log of Borehole: MPSB0256

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0256
Project Location: Gibbsboro, NJ
Date Completed: 12/9/2015
Total Depth (ft bgs): 25
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
15		***SP*** Light Greyish Brown fine to medium SAND (Moist) (Soft) Black, red, and orange banding targeted in the 14-14.5 interval					1361 1034		
16		***SP*** Brownish Orange fine SAND (Saturated) (Stiff) Black fine sand bands throughout interval					1610 901		
17							820 654		
18			5/5				547 306		
19							256 380		
20							113.5 94.2		
21							41.6 23.6	21 - 21.5	BQ-BR
22							23.4 29.1		
23			5/5				34.5 26.6		
24							23.1 39.5 13.4		A XRF was not used to screen borehole MPSB0256. A FID was not used to screen borehole MPSB0256.
25		End of Borehole							
26									
27									
28									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365411.048
Drilling Method: Geoprobe
Easting (NAD 83): 362080.57
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 15.5

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Log of Borehole: MPSB0257

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0257

Date Completed: 12/10/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
1		***SW-SM*** Light Orangish Brown medium to coarse SAND, some Gravel, little Organics (Dry) (Loose) Very light organics at top 0-0.1					0		
2							0		
3		***SW*** Light Gray fine to coarse SAND (Dry) (Loose)	4/5				0.7		
4							0		
5		***SW*** Light Gray medium to coarse SAND, little Gravel (Dry) (Loose) Gray at the top of the horizon					0		
6		***SP*** Orange fine to medium SAND (Moist) (Soft)					0.3		
7							1.7		
8			3.7/5				0		
9		***SP*** Light Orange fine to medium SAND (Moist) (Soft) Lenses of fine gray sand throughout					3.5		
10							0		
11							1.3		
12							1.3		
13			4.3/5				4.1		
14		***SP*** Gray fine to medium SAND (Saturated) (Stiff) Yellow streaks throughout interval					5.1		
15							8.9		
16		***SP*** Light Orangish Gray fine SAND (Saturated) (Stiff)					9.2		
17							10		
18			5/5				140		
19							777		
20		End of Borehole					578.6		
21							1290		
22							1375	11.5 - 12	AX-AY
							1140		
							1206		
							773		
							841		
							1337	14 - 14.5	BC-BD
							663		Odor, black staining
							740		
							638		
							119		
							57.7	16.5 - 17	BH-BI
							45.7		
							34.4		
							28.3		A XRF was not used to screen borehole MPSB0257.
							20.4		
							29.3		A FID was not used to screen borehole MPSB0257.
							42.8		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365447.643

Easting (NAD 83): 362110.644

Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0258

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0258

Date Completed: 12/10/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***FL*** Fill: Rubble Asphalt							
2		***SW*** Dark Brown medium to coarse SAND, some Gravel (Dry) (Loose)	4/5						
3		***SW*** White medium to coarse SAND (Dry) (Loose) Possible leveling fill for parking lot							
5		***SW*** Orange medium to coarse SAND, little Gravel (Dry) (Loose)							
7			4.2/5						
8		***SP*** Orange fine to medium SAND (Dry) (Soft)							
9		***SP*** Orange medium to coarse SAND (Moist) (Soft) Lenses of fine white sand throughout							
11							1426	11.5 - 12	AX-AY
12			4.2/5						
13		***SP*** Dusky Gray fine to medium SAND (Wet) (Soft) Orange and black banding at contact with upper interval					1097	14 - 14.5	BC-BD
15									
16		***SP*** Dusky Gray fine SAND (Saturated) (Soft)							
17			5/5						
18							20.2	18 - 18.5	BK-BL
19									A XRF was not used to screen borehole MPSB0258.
20		End of Borehole							A FID was not used to screen borehole MPSB0258.
21									
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365432.585

Easting (NAD 83): 362123.326

Depth to Watertable (ft bgs): 15.5

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Log of Borehole: MPSB0259

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0259

Date Completed: 12/14/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		FL Fill: Soil-Rubble () () Parking lot material, coarse gravel with some sands, brown to black in color.					0		
1		***SW*** Dark Gray fine to coarse SAND (Dry) (Soft)					0		
		SW Light Gray fine to coarse SAND, trace Gravel (Dry) (Loose)					0		
2							0		
		SW Orange medium to coarse SAND, some Gravel (Dry) (Loose) Coarseing upwards	3.5/5				0		
3							0		
		SP Light Orange fine to medium SAND (Dry) (Soft)					0		
4							0		
		SP Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand					0.9		
5							0		
							0		
6							0		
							0		
7		***SP*** Orangish Tan fine to medium SAND (Dry) (Loose)	4/5				0		
		SP Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand					0		
8							0		
							0		
9							0		
							0		
10							0		
							0		
11							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365360.166

Easting (NAD 83): 362163.51

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0259

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0259
Date Completed: 12/14/2015
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
12							0		
							0		
			3/5				0.3		
13							5.8		
							130.2		
14							411.2		
		SP Gray fine to medium SAND (Wet) (Medium Stiff) Bands of orange and black soft sediment deformation.					1196	14.5 - 15	BD-BE
15							156.6		
							597.6		
16							706.5		Petro odor
							919.2		
17							602.4		
		SP Orange fine to medium SAND (Wet) (Medium Stiff) Bands of gray and black soft sediment deformation.	4/5				2.4	17.5 - 18	BJ-BK
18							94.8		
							27.8		
		CH Light Gray CLAY, some fine Sand (Saturated) (Soft)							
19							38.5		A XRF was not used to screen borehole MPSB0259.
		SP Brownish Orange fine to medium SAND (Wet) (Medium Stiff) Bands of gray and black soft sediment deformation.					50.6		A FID was not used to screen borehole MPSB0259.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365360.166
Easting (NAD 83): 362163.51
Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0260

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0260

Date Completed: 12/14/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					3.2		
		OL/OH Dark Brown ORGANICS and fine to medium SAND (Dry) (Loose)					9.9		
1		***SW*** Light White medium to coarse SAND, trace Gravel (Dry) (Loose)					14		
							10		
2		***SW*** Light Orange medium to coarse SAND, trace Gravel (Dry) (Loose)					2.9		
			4/5				2.6		
3							2.3		
							0.4		
4		***SP*** White fine to medium SAND (Dry) (Soft)					3.4		
		SP Orange fine to medium SAND (Dry) (Soft)					0.3		
5							21.7		
							0.7		
6							0		
							0		
7		***SP*** Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand					0		
			4/5				1.2		
8							0		
							0		
9							0		
							0		
10							109.4		
							297.3		
11							368.3		
							576.4		
12							1180		
			4/5				1027		
13							1717		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365319.134

Easting (NAD 83): 362120.089

Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0260

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0260
Date Completed: 12/14/2015
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
							1997	13.5 - 14	BB-BC
14		SP Gray fine to medium SAND (Wet) (Soft)					1795		
							1661		Moderate staining and odor.
15							1512		
							1834	15.5 - 16	BF-BG
16							894		
							911		
17							623.4		
		SP Brownish Gray fine to medium SAND (Saturated) (Soft)	3.5/5				720		
18							661.9		
							270.4		
19							314.6		
							41		
20		SP Orange medium SAND (Saturated) (Soft)					20.3	20 - 20.5	BO-BP
							4.5		
21							1.2		
							3.4		
22							18.6		
			5/5				4.3		
23							14.1		
							37.5		
24							1.2		A XRF was not used to screen borehole MPSB0260.
							51.2		A FID was not used to screen borehole MPSB0260.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365319.134
Easting (NAD 83): 362120.089
Depth to Watertable (ft bgs): 16

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Log of Borehole: MPSB0261

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0261

Date Completed: 12/9/2015

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		MH Brown fine to medium SAND, some Silt, some Organics (Dry) (Soft) top soil					0		
1		***SW-SM*** Brownish Orange fine to coarse SAND, some Gravel, little Silt (Dry) (Soft)					0		
							0		
2		***SW-SM*** Brownish Orange fine to coarse SAND, some Gravel, little Silt (Dry) (Soft)	3.5/5				0		
							0		
3		***SP-SM*** Grayish Tan fine to coarse SAND, little Silt (Moist) (Soft)					0		
							0		
4		***SW-SM*** Brownish Tan fine to coarse SAND, little Silt (Moist) (Soft)					0		
							1.4		
5		***SW-SM*** Brownish Tan fine to coarse SAND, little Silt (Moist) (Soft)					4.9		
		SM Tan fine to coarse SAND, some Silt (Moist) (Soft)					3.3		
6							6.7		
							4.5		
7			3.4/5				36.9		
							45.9		
8		***SM*** Tan Orange fine/coarse SAND, some Silt (Moist) (Soft) Lamination/banding					37.4		
							19.4		
9							12.2		
							78		
10							180		
							301.9		
11							505.2		
							356.1		
12							778.8		
			4/5				909.5	13 - 13.5	BA-BB
13									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365599.432

Easting (NAD 83): 362272.041

Depth to Watertable (ft bgs): 16.5

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Log of Borehole: MPSB0261

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0261

Date Completed: 12/9/2015

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
14							395.5		
							385.5		
							561.8		
15							552.1		
		SM Tannish Gray fine SAND and SILT (Moist) (Soft)					713.3		
16							456.6		
		SM Grayish Orange fine SAND and SILT (Moist) (Soft)					320.9		
17							64.9		
			5/5				65.9		
18							146.8		
							165		
19							43.6	19 - 19.5	BM-BN
							64.4		
20							9.2		
							4		
21							25.1		
							21.1		
22							2.8		
			5/5				2.9		
23							2.3		
							11.1		
24							43.3		A XRF was not used to screen borehole MPSB0261.
							7.7		A FID was not used to screen borehole MPSB0261.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365599.432

Easting (NAD 83): 362272.041

Depth to Watertable (ft bgs): 16.5

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Log of Borehole: MPSB0262

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0262
Project Location: Gibbsboro, NJ
Date Completed: 12/9/2015
Total Depth (ft bgs): 20
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0.2		
		SM Brown fine to medium SAND, some Silt, some Organics, little Gravel (Dry) (Soft)					0.1		
1		***SM*** Light Brownish Tan fine to coarse SAND, some Silt (Dry) (Soft)					0		
							0.1		
2							0.4		
		SM Light Brownish Orange fine/coarse SAND and SILT (Moist) (Soft)	3.5/5				0		
3							0.2		
							0.4		
4		***SW*** Light Brownish Orange fine to coarse SAND, trace Silt (Wet) (Loose)					0.7		
							0.3		
5							0.4		
							0.1		
6							0.2		
							0		
7		***SM*** Light Tannish Orange fine to medium SAND, some Silt (Moist) (Soft)					0.4		
			3.5/5				0.8		
8							15.6		
							12.4		
9							2.5		
							41.5		
10							5.3		
							36.6		
11							20.6		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365621.727
Drilling Method: Geoprobe
Easting (NAD 83): 362301.438
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0262

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0262

Project Location: Gibbsboro, NJ

Date Completed: 12/9/2015

Total Depth (ft bgs): 20

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
							49.7		
12							50.8		
			3.2/5				43.8		
13							100		
							380.1		
14							1325		
							1666	14 - 15	BC-BE
15		***SM*** Light Gray fine to medium SAND, some Silt (Moist) (Soft)					235.5		
		SM Light Tannish Orange fine to medium SAND, some Silt (Moist) (Soft)					1561		
16							1231	16 - 16.5	BG-BH
		SM Light Grayish Tan fine to medium SAND, some Silt (Moist) (Soft)					798.3		
17		***SM*** Light Grayish Tan fine SAND, some Silt (Saturated) (Soft)					736.4		
			5/5				88.2		
18							51.1	18 - 18.5	BK-BL
							23.2		
19							12.1		A XRF was not used to screen borehole MPSB0262.
							22.5		A FID was not used to screen borehole MPSB0262.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365621.727

Drilling Method: Geoprobe

Easting (NAD 83): 362301.438

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0263

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0263
Date Completed: 12/10/2015
Geologist/Logger: Dyna Ogonowski

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					0		
		SM BROWN fine to coarse SAND and ORGANICS (Dry) (Soft)					0		
1		***SW*** ORANGE-BROWN medium to coarse SAND, some Gravel (Dry) (Soft)					0		
							0		
2		***SW*** TAN-GRAY fine to coarse SAND, some Gravel (Moist) (Soft)					0		
							0		
3		***SW*** ORANGE-BROWN medium to coarse SAND, some Gravel (Moist) (Soft)					0		
							0		
4		***GW*** TAN-ORANGE GRAVEL, some coarse Sand (Moist) (Soft)					0		
							1.8		
5		***GP*** ORANGE-TAN GRAVEL and medium to coarse SAND (Moist) (Soft)					0		
							0		
6							0		
							0		
7		***SP*** TAN-ORANGE fine to coarse SAND (Moist) (Soft)					0.1		
							0		
8							0.1		
							0		
9		***SM*** TAN-OLIVE fine to medium SAND, some Silt (Moist) (Medium Dense)					0.5		
							150		
10		***SP-SM*** OLIVE-TAN fine to medium SAND, little Silt (Moist) (Medium Dense)					5.5		
							27.9		
11							180.6		
							74.3		
12		***SM*** LIGHT TAN fine to medium SAND, some Silt (Moist) (Dense)					118		
							94.4		
13		***SM*** ORANGE-TAN fine SAND, some Silt (Moist) (Medium Stiff) THIN BANDS OF TAN AND ORANGE					87.7		
							450.5		
14							1192		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365650.88
Easting (NAD 83): 362335.951
Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0263

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0263

Date Completed: 12/10/2015

Geologist/Logger: Dyna Ogonowski

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SM LIGHT GRAY fine SAND and SILT (Moist) (Medium Stiff)					1387		
15		***SM*** TAN-OLIVE fine to medium SAND and SILT (Moist) (Medium Stiff)					430.3 383		
16		***SP*** ORANGE-TAN medium to coarse SAND and GRAVEL (Moist) (Loose)					1409 1604	16.5 - 17	BH-BI
17		***SM*** ORANGE-TAN fine SAND and SILT (Saturated) (Medium Stiff)					1403 1568	17.5 - 18	BJ-BK
18		***SM*** ORANGE-TAN fine SAND and SILT (Wet) (Medium Stiff)					1474 516.5		
19							279.9 204.7		
20		***SM*** ORANGE-TAN fine SAND and SILT (Wet) (Medium Stiff)					14.4 15	20 - 20.5	BO-BP
21							10.7 44.4		
22							58.9 16		
23							16.2 16		
24							11.5 9.2		A XRF was not used to screen borehole MPSB0263. A FID was not used to screen borehole MPSB0263.
25		End of Borehole							
26									
27									
28									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365650.88

Easting (NAD 83): 362335.951

Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0264

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0264
Date Completed: 12/10/2015
Geologist/Logger: Dyna Ogonowski

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM BLACK-BROWN coarse SAND and ORGANICS, some Gravel (Dry) (Loose)					2.3 3.1		
1		***SW*** ORANGE-BROWN medium to coarse SAND, some Gravel (Dry) (Loose)					0.4 1.8		
2		***SW*** LIGHT GRAY medium to coarse SAND, little Gravel (Dry) (Loose)					0.5		
		SW BROWN-TAN GRAVEL and medium to coarse SAND (Dry) (Loose)					0.5 0.6		
3							0.5		
4							0.2 0.4		
5		***SW*** LIGHT TAN GRAVEL and medium to coarse SAND (Dry) (Loose)					1.1 0.7		
6							2.4 2		
7		***SP*** ORANGE-TAN fine to medium SAND, trace Silt (Moist) (Dense)					1.3 1.4		
8							0.9 1.1		
9		***SM*** ORANGE-LIGHT TAN fine to medium SAND, some Silt (Moist) (Medium Stiff)					3.2 2.6		
10		***SM*** TAN-ORANGE fine SAND, some Silt (Moist) (Medium Stiff)					5 6.4		
11							18.8		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365687.863
Easting (NAD 83): 362379.537
Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0264

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0264
Date Completed: 12/10/2015
Geologist/Logger: Dyna Ogonowski

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		GW ORANGE-TAN GRAVEL, some medium to coarse Sand (Moist) (Loose)					58.8		
12		***SM*** LIGHT ORANGE-TAN fine SAND, some Silt (Moist) (Medium Stiff) THIN BANDS OF ORANGE OR LIGHT TAN FINE SAND					122.4		
							123.6		
13							144.2		
							250.6		
14							945.6		
							959.9	14.5 - 15	BD-BE
15		***SP-SM*** OLIVE-TAN fine SAND, little Silt (Moist) (Medium Stiff)					127.7		
							477.5		
16		***SW*** TAN-ORANGE GRAVEL and coarse SAND (Moist) (Loose)					810.1		
							983.3	16.5 - 17	BH-BI
17		***SM*** OLIVE-TAN fine SAND and SILT (Moist) (Medium Stiff)					874.6		
		SM OLIVE-TAN fine SAND and SILT (Saturated) (Medium Stiff)					810.2		
18							544.5		
		SP ORANGE-TAN fine to medium SAND (Wet) (Medium Stiff)					327.4		
19							60.2		
							12.2	19.5 - 20	BN-BO
20		End of Borehole							A XRF was not used to screen borehole MPSB0264. A FID was not used to screen borehole MPSB0264.
21									
22									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365687.863
Easting (NAD 83): 362379.537
Depth to Watertable (ft bgs): 17

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Log of Borehole: MPSB0265

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: MPSB0265

Date Completed: 12/11/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brown fine SAND, little Gravel, little Organics (Moist) (Very Soft) No odor, sheen, or staining. No fill.		222.6	0		0	0 - 0.5	AA-AB
							0		
1			2/2				0		
		SP Moderate Gray fine SAND (Moist) (Very Soft) No odor, sheen, or staining. No fill.		37.3	0		37.3	1.5 - 2	AD-AE A FID was not used to screen borehole MPSB0265.
2		End of Borehole							
3									
4									
5									

Drilling Subcontractor: ECDI

Drilling Method: Bucket Auger

Sampling Method: Towel

Northing (NAD 83): 365204.891

Easting (NAD 83): 362156.006

Depth to Watertable (ft bgs): Not Encountered, > 2'

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Log of Borehole: MPSB0266

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2

Borehole Completed As: MPSB0266
Date Completed: 12/11/2015
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brownish Black fine SAND, little Gravel, little Organics (Moist) (Very Soft) No fill, odor, sheen, or staining.		179.3	0		0	0 - 0.5	AA-AB
		SP Light Brown fine SAND, little Gravel (Moist) (Soft) No fill, odor, sheen or staining.					0		
1		***SP*** Light Brownish Orange fine SAND (Moist) (Very Soft) No fill, odor, sheen or staining.	2/2				0		
				10.6	0		0	1.5 - 2	AD-AE A FID was not used to screen borehole MPSB0266.
2		End of Borehole							
3									
4									
5									

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Towel

Northing (NAD 83): 365211.968
Easting (NAD 83): 362179.185
Depth to Watertable (ft bgs): Not Encountered; >2

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Log of Borehole: MPSB0267

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2

Borehole Completed As: MPSB0267

Date Completed: 12/11/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description **USCS** Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		96	7.3		0	0-0.5	AA-AB
		SM Dark Brownish Black fine SAND, little Organics, trace Gravel (Moist) (Very Soft) No fill, odor, sheen, or staining.					0		
		SP Light Brown fine SAND, little Gravel, trace Organics (Moist) (Very Soft) No fill, odor, sheen, or staining.							
1			2/2				0		
		SP Light Brownish Orange fine SAND, trace Gravel (Moist) (Soft) No fill, odor, sheen, or staining.							
				20.3	5		0	1.5-2.0	AD-AE
									A FID was not used to screen borehole MPSB0267.
2		End of Borehole							
3									
4									
5									

Drilling Subcontractor: ECDI

Drilling Method: Bucket Auger

Sampling Method: Towel

Northing (NAD 83): 365243.192

Easting (NAD 83): 362196.195

Depth to Watertable (ft bgs): Not Encountered; > 2'

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Log of Borehole: MPSB0268

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2

Borehole Completed As: MPSB0268
Date Completed: 12/11/2015
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine SAND, little Organics, trace Gravel (Moist) (Very Soft) No fill, odor, sheen, or staining.		150.7	9.7		0	0 - 0.5	AA-AB
		SP Brown fine SAND, little Gravel, trace Organics (Moist) (Very Soft) No fill, odor, sheen, or staining.					0		
1		***SP*** Brownish Orange fine/coarse SAND, little Gravel (Moist) (Soft) No fill, odor, sheen, or staining.	2/2				0		
				20.7	4.3		0	1.5 - 2	AD-AE A FID was not used to screen borehole MPSB0268.
2		End of Borehole							
3									
4									
5									

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Towel

Northing (NAD 83): 365257.511
Easting (NAD 83): 362211.263
Depth to Watertable (ft bgs): Not Encountered; > 2'

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Log of Borehole: MPSB0269

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0269

Project Location: Gibbsboro, NJ

Date Completed: 12/11/2015

Total Depth (ft bgs): 5

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		78	6		0	0 - 0.5	AA-AB
		OL/OH Brown ORGANICS, some fine/coarse Sand (Dry) (Loose) Topsoil					0		
1		***SW*** Light Brownish Gray fine/coarse SAND (Dry) (Loose)					0		
		GW Orange GRAVEL and fine to medium SAND (Dry) (Very Loose)		7	3.7		0	1.5 - 2	AD-AE
2							0		
			2.5/5				0		
		GW Orange GRAVEL and fine to medium SAND (Dry) (Very Loose)					0		
3		***SW*** Orangish Tan fine to coarse SAND (Dry) (Soft) Darker orange banding					0		
4							0		
							0		A FID was not used to screen borehole MPSB0269.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365001.434

Drilling Method: Geoprobe

Easting (NAD 83): 361934.117

Sampling Method: Macrocore

Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0270

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0270
Date Completed: 12/11/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Gray fine SAND (Dry) (Loose) Driveway material		144.7	7.7		0	0 - 0.5	AA-AB
							0		
1		***SW*** Orange fine to coarse SAND (Dry) (Loose)					0		
				6	3		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3		***SW*** Light Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand					0		
							0		
4							0		
							0		A FID was not used to screen borehole MPSB0270.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365048.406
Easting (NAD 83): 361980.366
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0271

Project: Gibbsboro

Client: Sherwin Williams

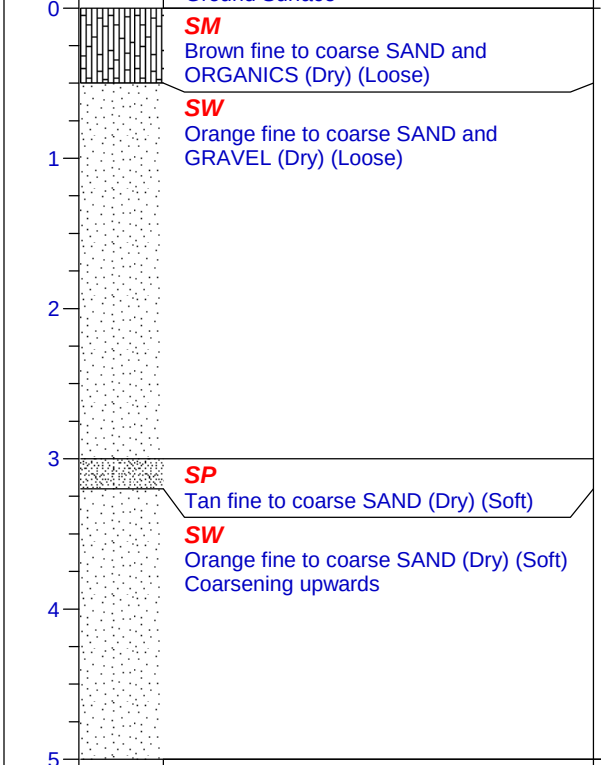
Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 5

Borehole Completed As: MPSB0271

Date Completed: 12/11/2015

Geologist/Logger: Amanda Laskoskie



SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		259	14.7		0	0 - 0.5	AA-AB
		SM Brown fine to coarse SAND and ORGANICS (Dry) (Loose)					0		
		SW Orange fine to coarse SAND and GRAVEL (Dry) (Loose)							
1							0		
				5	3.5		0	1.5 - 2	AD-AE
2							0		
			3/5				0		
3		***SP*** Tan fine to coarse SAND (Dry) (Soft)					0		
		SW Orange fine to coarse SAND (Dry) (Soft) Coarsening upwards					0		
4							0.9		
							0		A FID was not used to screen borehole MPSB0271.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365081.677

Easting (NAD 83): 362011.631

Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0272

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0272
Date Completed: 12/11/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		620	18.3		0	0 - 0.5	AA-AB
		OL/OH Dark Brown ORGANICS, little Gravel, little coarse Sand (Dry) (Loose) Topsoil					0		
1		***SW*** Dark Gray fine/coarse SAND, little Gravel (Dry) (Loose)					0		
		SW Orange fine to coarse SAND, some Gravel (Dry) (Loose)		5	3.8		0	1.5 - 2	AD-AE
2							0		
			3.2/5				0		
		SW Tan fine to coarse SAND (Dry) (Loose)							
3		***SP*** Light Orange fine to medium SAND, little Gravel (Dry) (Soft)					0		
		SP Light Orange fine to coarse SAND (Dry) (Soft) Lenses of fine white sand					0		
4							0		
							0		A FID was not used to screen borehole MPSB0272.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365098.885
Easting (NAD 83): 362031.616
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0273

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0273
Project Location: Gibbsboro, NJ
Date Completed: 12/11/2015
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		31.7	3		0	0 - 0.5	AA-AB
		OL/OH brown ORGANICS (Dry) (Loose) Topsoil					0		
		SW Orange fine to coarse SAND, little Gravel (Dry) (Loose)		170.3	13		0	1 - 1.5	AC-AD
1		***FL*** Fill: Rubble Brick wood fragments cinder		10	4		0	1.5 - 2	AD-AE
		SP Greyish Tan fine to coarse SAND (Dry) (Soft) Coasring upwards					0		
2							0		
		SP Tan fine to coarse SAND (Dry) (Soft) Orange bonding in bottom foot of interval	3/5				0		
3							0		
							0		
4							0		
							0		A FID was not used to screen borehole MPSB0273.
5		End of Borehole							
6									
7									
8									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365098.962
Drilling Method: Geoprobe
Easting (NAD 83): 362055.338
Sampling Method: Macrocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0274

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2.5

Borehole Completed As: MPSB0274
Date Completed: 12/11/2015
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Dark Black ORGANICS (Saturated) (Loose)	0.5/0.5				141 333.5 668	0 - 0.5	AA-AB Strong petro odor; organic rich muck
1		***OL/OH*** Dark Black ORGANICS, some fine Sand, some Silt (Saturated) (Loose)	0.5/0.5				385.9	1 - 1.5	AC-AD Strong petro odor; organic rich muck
2		***SM*** Grayish Black fine to coarse SAND, some Silt, some Organics (Saturated) (Loose)	0.5/0.5					2 - 2.5	AE-AF Strong petro odor; organic rich
		End of Borehole							A FID was not used to screen borehole MPSB0274. A XRF was not used to screen borehole MPSB0274.
3									
4									
5									

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Towel

Northing (NAD 83): 364979.79
Easting (NAD 83): 362083.793
Depth to Watertable (ft bgs): 0

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Log of Borehole: MPSB0275

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 2.5

Borehole Completed As: MPSB0275

Date Completed: 12/11/2015

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Dark Brown ORGANICS, some Silt, little fine Sand (Saturated) (Loose) Trace construction debris	2/2				170.4	0 - 0.5	AA-AB
1		***OL/OH*** Dark Brown ORGANICS, some fine Sand, some Silt (Saturated) (Loose)	2/2				143.9	1 - 1.5	AC-AD
2		***OL/OH*** Dark Grayish Brown ORGANICS, some fine Sand, some Silt (Saturated) (Loose)	2/2				87.7	2 - 2.5	AE-AF
		End of Borehole							A FID was not used to screen borehole MPSB0275. A XRF was not used to screen borehole MPSB0275.
3									
4									
5									

Drilling Subcontractor: ECDI

Drilling Method: Bucket Auger

Sampling Method: Towel

Northing (NAD 83): 364984.319

Easting (NAD 83): 362091.207

Depth to Watertable (ft bgs): 0

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Log of Borehole: MPSB0276

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0276

Project Location: Gibbsboro, NJ

Date Completed: 12/11/2015

Total Depth (ft bgs): 0.5

Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		OL/OH Moderate Brown SILT and ORGANICS (Saturated) (Loose) Organic root mass	0.5/0.5				0	0 - 0.5	AA - AB A FID was not used to screen borehole MPSB0276. A XRF was not used to screen borehole MPSB0276.
		End of Borehole							
1									
2									

Drilling Subcontractor: ECDI

Northing (NAD 83): 365001.182

Drilling Method: Bucket Auger

Easting (NAD 83): 362089.131

Sampling Method: Towel

Depth to Watertable (ft bgs): 0.17

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Log of Borehole: MPSB0277

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0277

Date Completed: 12/14/2015

Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface					1.5		
		FL Fill: Rubble Asphalt					4.2		
1		***SW*** Dark Brown fine to coarse SAND, trace Gravel (Dry) (Loose)					4.7		
		SW Dark Gray fine to coarse SAND (Dry) (Loose)					4		
2							0.1		
		SW Dark Light Gray fine to coarse SAND (Dry) (Loose)	3/5				0		
3							0		
		SW Brownish Orange medium to coarse SAND (Dry) (Loose)					0		
4							0		
		SW Tan medium to coarse SAND (Dry) (Loose) Color varies between tan, orange and brown.					0		
5							0		
							0		
6							0		
							0		
7							0		
			4/5				0		
8		***SW*** Orangish Tan fine to coarse SAND (Dry) (Loose)					1		
		SW White fine to coarse SAND (Dry) (Loose) color varies orangish, brown and white					0		
9							0		Odor
		SW White fine to coarse SAND (Dry) (Loose) Color varies orangish, brown and white					0		
10							0		
		SP Orange fine to coarse SAND (Dry) (Soft) Lenses of fine white and black sand and lenses of coarse white sand.					0		
11							1		
							1.5		
12							0		
			2.5/5				0		
13							0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365745.329

Easting (NAD 83): 362406.451

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0277

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0277
Date Completed: 12/14/2015
Geologist/Logger: James Heaton

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
14							0		
							0		
							5.9		
15							267		
							67.5		
16							230.8		
							87		
17		***SP*** Gray fine to medium SAND (Saturated) (Soft)	2.75/5				293	17 - 17.5	BI-BJ
							74.7		Staining
18		***SP*** Brownish Gray fine to medium SAND (Saturated) (Soft)					103.4		
							160.4		
19							42.4		
							23.4	19.5 - 20	BN-BO
20							12.3		
							2.9		
21		***SP*** Orange fine to medium SAND (Saturated) (Soft)					1.9		
							0.9		
22		***CH*** Gray CLAY, some Silt (Saturated) (Hard) Lenses of orange clay	5/5				0.8		
							3.5		
23		***SP*** Grayish Brown fine to medium SAND (Saturated) (Soft)					2.8		
							1.3		
24		***SP*** Orange fine to medium SAND (Moist) (Soft)					6.8		A XRF was not used to screen borehole MPSB0277.
							1.7		A FID was not used to screen borehole MPSB0277.
25		End of Borehole							
26									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365745.329
Easting (NAD 83): 362406.451
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0278

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 25

Borehole Completed As: MPSB0278

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble				0	0		
1		***SW*** Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
2		***SW*** Black medium to coarse SAND, some Gravel (Dry) (Loose)	3.5/5			0	0		
						0	0		
3		***SW*** Brown medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
4		***SW*** Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
5						0	0		
						0	0		
6		***SW*** Gray medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
7		***SW*** Orange medium to coarse SAND, some Gravel (Dry) (Loose)	5/5			0	0		
8		***SW*** White medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
9		***SW*** Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
10		***SP*** Orange fine to medium SAND (Dry) (Loose)				0	0		
						0	0		
11		***SW*** White medium to coarse SAND, little Gravel (Dry) (Loose)				0	0		
						0	0		
12		***SW*** Brownish Orange medium to coarse SAND, little Gravel (Dry) (Loose)	5/5			0	0		
13		***SW*** Dark Brown medium to coarse SAND, little Gravel (Dry) (Loose)				0	0		
						0	0		
14		***SW*** Dark White medium to coarse SAND, little Gravel (Dry) (Loose) Bands of orange				0	0		
						0	0		
15						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365798.228

Easting (NAD 83): 362469.506

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0278

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0278
Date Completed: 12/15/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
16		***SP*** Orange fine to coarse SAND (Dry) (Soft) Lenses of fine white sand throughout.				0 0 0 0	0 0 0 0		
17						0	0		
18		***SP*** Orange fine to coarse SAND (Saturated) (Soft) Lenses of fine white sand throughout.	5/5			0 0 0 0	0 0 0 0	17.5 - 18	BJ-BK
19		***CH*** Gray CLAY, some Silt (Saturated) (Soft)				0	0		
20		***SP*** Orange fine to medium SAND (Saturated) (Soft) Gray sand intruding at the bottom.				0 0 0 0	0 0 0 0		
21						0	0		
22		***SP*** Gray fine to medium SAND (Saturated) (Soft) Orange sand intruding at top.	5/5			0 0 0 0	0 0 0 0		
23						0	0		
24						0 0	0 0		A XRF was not used to screen borehole MPSB0278.
25		End of Borehole							
26									
27									
28									
29									
30									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365798.228
Easting (NAD 83): 362469.506
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0279

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0279

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble Ashpalt				0	0		
1		***SW*** Greyish Brown fine to coarse SAND, trace Gravel (Dry) (Very Loose)				0	0		
		SW Orange fine to coarse SAND, trace Gravel (Dry) (Very Loose)				0	0		
2						0	0		
			3.5/5			0	0		
3		***SW*** Dark Brown fine to coarse SAND, trace Gravel (Dry) (Very Loose)				0	0		
		SW Orange fine to coarse SAND, trace Gravel (Dry) (Very Loose)				0	0		
4		***SW*** Orangish Tan medium to coarse SAND, little Gravel (Dry) (Very Loose)				0	0		
						0	0		
5						0	0		
						0	0		
6						0	0		
						0	0		
		SW Orangish Tan medium SAND (Dry) (Very Loose)				0	0		
7						0	0		
			5/5			0	0		
8						0	0		
						0	0		
9						0	0		
						0	0		
10						0	0		
						0	0		
11						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365835.706

Easting (NAD 83): 362511.772

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0279

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0279
Date Completed: 12/15/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SW Brownish Orange medium to coarse SAND, little Gravel (Dry) (Very Loose)				0	0		
12		***SP*** Orange fine to medium SAND (Dry) (Soft)	5/5			0	0		
13		***SP*** Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand.				0	0		
14						0	0		
15						0	0		
16						0	0		
17						0	0		
			5/5			0	0	17.5 - 18	BJ-BK
18		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine white sand.				0	0		
		CH Gray CLAY (Moist) (Stiff)				0	0		
19		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine white sand.				0	0		A XRF was not used to screen borehole MPSB0279.
20		***SP*** Gray fine to medium SAND (Moist) (Soft)							
		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365835.706
Easting (NAD 83): 362511.772
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0280

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0280

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble				0	0		
1		***SW*** Brownish Orange medium to coarse SAND, little Gravel (Dry) (Loose)				0	0		
		SW Greyish Tan fine to medium SAND (Dry) (Soft)				0	0		
2						0	0		
			4/5			0	0		
		SW Orange medium to coarse SAND, some Gravel (Dry) (Very Loose)				0	0		
3						0	0		
						0	0		
4						0	0		
						0	0		
5						0	0		
						0	0		
6						0	0		
						0	0		
7		***SW*** Orange fine to coarse SAND (Dry) (Soft) fining upwards.				0	0		
						0	0		
8						0	0		
						0	0		
9						0	0		
						0	0		
		SP Tanish Orange fine to coarse SAND (Dry) (Soft)				0	0		
10						0	0		
						0	0		
11		***SP*** Dark Brown fine to medium SAND (Dry) (Soft)				0	0		
						0	0		
12						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365866.608

Easting (NAD 83): 362548.697

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0280

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0280

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SP Orange fine to medium SAND (Dry) (Soft) Lenses of fine to medium white sand.				0	0		
13						0	0		
						0	0		
14						0	0		
						0	0		
15						0	0		
						0	0		
16						0	0		
						0	0		
17						0	0		
		SP Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand.				0	0	17.5 - 18	BJ-BK
18						0	0		
						0	0		
19		***CH*** Orange CLAY (Wet) (Soft)				0	0		
		SP Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand.				0	0		A XRF was not used to screen borehole MPSB0280.
20		End of Borehole							
21									
22									
23									
24									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365866.608

Easting (NAD 83): 362548.697

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0281

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0281

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble Asphalt				0	0		
1		***SW*** Gray fine to coarse SAND (Dry) (Loose)				0	0		
		SW Brownish Orange fine to coarse SAND, little Gravel (Dry) (Soft)				0	0		
2						0	0		
			4/5			0	0		
3						0	0		
		SW Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
4						0	0		
						0	0		
5						0	0		
						0	0		
6		***SW*** Orangish Tan medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						0	0		
7						0	0		
			4.5/5			0	0		
8						0	0		
						0	0		
9						0	0		
						0	0		
10						0	0		
		SW Brown fine to coarse SAND (Dry) (Soft)				0	0		
11						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365866.451

Easting (NAD 83): 362549.924

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0281

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0281
Date Completed: 12/15/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SW Tan fine to coarse SAND (Dry) (Loose)				0	0		
12		***SW*** Orangish Tan fine to coarse SAND (Dry) (Loose)				0	0		
		SW White fine to coarse SAND (Dry) (Loose)	5/5			0	0		
13		***SW*** White fine to coarse SAND (Dry) (Loose)				0	0		
		SP Orange fine to medium SAND (Dry) (Soft) Lenses of fine to medium white sand				0	0		
14						0	0		
15						0	0		
						0	0		
16						0	0		
						0	0		
17						0	0		
			2.5/5			0	0	17.5 - 18	BJ-BK
18		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand				0	0		
						0	0		
19						0	0		
		CH Orange CLAY (Saturated) (Soft)				0	0		A XRF was not used to screen borehole MPSB0281.
20		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand							
21		End of Borehole							
22									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365866.451
Easting (NAD 83): 362549.924
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0282

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0282

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble				0	0		
		SW Brownish Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
1		***SP*** Dark Gray fine SAND (Dry) (Soft)				0	0		
		SW Brownish Orange fine/coarse SAND, some Gravel (Dry) (Soft)				0	0		
2						0	0		
			3.5/5			0	0		
3						0	0		
						0	0		
4						0	0		
						0	0		
5						0	0		
						0	0		
		SW Dark Gray fine/coarse SAND, some Gravel (Dry) (Soft)				0	0		
6		***SW*** Dark Gray medium to coarse SAND, little Gravel (Dry) (Loose)				0	0		
						0	0		
7		***SW*** Orangish Tan medium to coarse SAND (Dry) (Loose) Rust colored banding throughout				0	0		
			5/5			0	0		
8						0	0		
						0	0		
		SW Whitish Tan medium to coarse SAND (Dry) (Loose) Rust colored banding throughout				0	0		
9						0	0		
						0	0		
10						0	0		
						0	0		
11						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365929.74

Easting (NAD 83): 362610.586

Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0282

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0282
Project Location: Gibbsboro, NJ
Date Completed: 12/15/2015
Total Depth (ft bgs): 20
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SW Tanish Orange medium to coarse SAND (Dry) (Loose)				0	0		
12		***SP*** Orange fine to medium SAND (Dry) (Soft) Lenses of fine to medium white sand	4/5			0	0		
13						0	0		
						0	0		
14						0	0		
						0	0		
15						0	0		
						0	0		
16						0	0		
						0	0		
17						0	0		
			4/5			0	26.4	17.5 - 18	BJ-BK
18		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand				0	0		
						0	0		
19						0	15.2		
		CH Gray CLAY (Saturated) (Stiff)				0	0		A XRF was not used to screen borehole MPSB0282.
20		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine to medium white sand							
		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365929.74

Drilling Method: Geoprobe
Easting (NAD 83): 362610.586

Sampling Method: Macrocore
Depth to Watertable (ft bgs): 17.5

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Log of Borehole: MPSB0283

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0283
Date Completed: 12/15/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble asphalt				0	0		
1		***SP*** Light Gray fine to medium SAND (Dry) (Loose)				0	0		
						0	0		
2		***SP*** Light Orange fine to medium SAND (Dry) (Loose)				0	0		
		SW Light Orange medium to coarse SAND (Dry) (Loose)	4/5			0	0		
3						0	0		
						0	0		
4						0	0		
						0	0		
5						0	0		
						0	0		
6						0	0		
						0	0		
7						0	0		
		SW Tan fine to coarse SAND (Dry) (Very Loose)	4/5			0	0		
8		***SW*** Orangish Tan medium to coarse SAND (Dry) (Very Loose)				0	0		
						0	0		
		SP Tan fine to medium SAND (Dry) (Soft)				0	0		
9		***SP*** Orangish Tan fine to medium SAND (Dry) (Soft) subtle orange banding				0	0		
						0	0		
10						0	0	10 - 10.5	AU-AV
						0	0		
11						0	0		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365777.886
Easting (NAD 83): 362442.774
Depth to Watertable (ft bgs): 17.5

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Fax: (732) 417-5801

Log of Borehole: MPSB0283

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0283

Date Completed: 12/15/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
12		***SP*** Orange fine to medium SAND (Dry) (Soft) lenses of find white sand.	5/5			0 0 0	0 0 0		
13						0 0	0 0		
14						0 0	0 0		
15						0	0		
16						0 0	0 0		
17						0	0		
18		***SP*** Tanish Orange fine to medium SAND (Saturated) (Soft) Lenses of fine white sand.	3.5/5			0 0 0	0 0 0		
19						0	0		
20						0	0		A XRF was not used to screen borehole MPSB0283.
21		End of Borehole							
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365777.886

Easting (NAD 83): 362442.774

Depth to Watertable (ft bgs): 17.5

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Phone: (732) 417-5800
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Log of Borehole: MPSB0284

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0284

Date Completed: 12/16/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		FL Fill: Rubble driveway material				0	0		
		SW Dark Brown medium to coarse SAND, little Gravel (Dry) (Loose)				0	0		
1		***GW*** Dark Brown GRAVEL, some medium to coarse Sand (Dry) (Loose)				0	0		
		SW Brownish Orange GRAVEL and medium to coarse SAND (Dry) (Loose)				0	0		
		OL/OH Black ORGANICS (Dry) (Loose) root mass throughout				0	0		
2		***SW*** Black fine to coarse SAND, little Gravel (Dry) (Loose)				0	0		
		SW White fine to coarse SAND, little Gravel (Dry) (Loose)	4.5/5			0	0		
		SW Dark Gray fine to coarse SAND, little Gravel (Dry) (Loose) root mass				0	0		
3		***SW*** Light Gray fine to coarse SAND, little Gravel (Dry) (Loose)				0	0		
		SW Brownish Orange fine to coarse SAND, little Gravel (Dry) (Loose)				0	0		
4		***SW*** Orange medium to coarse SAND, little Gravel (Dry) (Loose) Color varies from whitish tan to orange.				0	0		
						0	0		
5						0	0		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365526.892

Easting (NAD 83): 362368.06

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0284

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: MPSB0284

Project Location: Gibbsboro, NJ

Date Completed: 12/16/2015

Total Depth (ft bgs): 20

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
6						0	0		
						0	0		
7		***SW*** Orange fine to coarse SAND (Dry) (Soft) Few lenses of dark gray sand				0	0		
			3/5			0	0		
8						0	0		
		SP Orange fine to medium SAND (Moist) (Soft) Few lenses of fine white sand				0	0		
9						0	0		
						0	0		
10						0	0		
						0	0		
11						0	0		

Drilling Subcontractor: ECDI

Northing (NAD 83): 365526.892

Drilling Method: Geoprobe

Easting (NAD 83): 362368.06

Sampling Method: Macrocore

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0284

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: MPSB0284
Project Location: Gibbsboro, NJ
Date Completed: 12/16/2015
Total Depth (ft bgs): 20
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
						0	0		
12						0	0	12 - 12.5	AY-AZ
			3.5/5			0	0		
13						0	0		
						0	0		
14						0	0		
						0	0		
15		***SP*** Brownish Orange fine to medium SAND (Saturated) (Soft)				0	0		
						0	0		
16						0	0		
						0	0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365526.892
Drilling Method: Geoprobe
Easting (NAD 83): 362368.06
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0284

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0284

Date Completed: 12/16/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
17						0	0		
			3.5/5			0	0		
18						0	0		
						0	0		
19						0	0		
		SP Orangish gray fine to medium SAND (Saturated) (Soft)				0	0		A XRF was not used to screen borehole MPSB0284.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365526.892

Easting (NAD 83): 362368.06

Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0285

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0285

Date Completed: 12/16/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		OL/OH Dark Brown ORGANICS and fine to medium SAND (Dry) (Soft)				0	0		
1		***SW*** Orange medium to coarse SAND, some Gravel (Dry) (Loose)				0	0		
						18.2	25.9		
2		***SP*** Orange fine to medium SAND (Dry) (Soft) Lenses of fine white sand throughout				15.1	17.7		
			3.5/5			12.4	39.9		
3						0.3	15.4		
						6.1	32.7		
4						1.8	21		
						1.2	10.3		
5						27.8	71.8		
						126	435.7		
6						570	1059		
						19.6	1151		
7		***SP*** Gray fine to medium SAND (Dry) (Soft) Lenses of fine white sand throughout				103	1123		
			3/5			90.6	323.3		
8						670	1955	8 - 8.5	AQ-AR
						1926	1102		
9						118	1700		
						199	1481		
10						73.4	666		
						78	314.6		
11						47.2	130.5		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365201.526

Easting (NAD 83): 361889.199

Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0285

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0285

Date Completed: 12/16/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
		SP Gray fine to medium SAND (Saturated) (Soft)				9.8	72.7		
12		***SP*** Grayish Orange fine to medium SAND (Saturated) (Soft)				22	96.6		
			2.75/5			11.9	58		
13						15.6	104.9		
						7.5	36.3	13.5 - 14	BB-BC
14						2.2	31.4		
						3.5	27.5		
15						3.7	4.1		
						7.2	42.3		
16						2.3	20.7		
						5.6	28.8		
17		***SP*** Orangish Tan fine to medium SAND (Saturated) (Soft)				29.4	48.9		
			4.5/5			4.9	1.9		
18						0	3.5		
						2.1	3.6		
19						0	4.6		
						0.8	11.4		A XRF was not used to screen borehole MPSB0285.
20		***SP*** Orange fine to medium SAND (Saturated) (Soft) Lenses of fine white sand							
		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365201.526

Easting (NAD 83): 361889.199

Depth to Watertable (ft bgs): 10.5

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Log of Borehole: MPSB0286

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 20

Borehole Completed As: MPSB0286

Date Completed: 12/16/2015

Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				0	0		
		OL/OH Dark Brown ORGANICS, some medium Sand (Dry) (Loose) Topsoil				0	0		
1		***SW*** Orange medium to coarse SAND (Dry) (Loose) Root mass				0	0		
						0	0.2		
2		***SP*** Dark Brown fine to medium SAND (Moist) (Soft)				0	0.1		
			3.5/5			0	2.4		
3		***SP*** Tanish Orange fine to medium SAND (Dry) (Soft) Thick bands of fine white sand throughout				0	0		
						0	0		
4						0	0		
						0	0		
5						0	0		
						0	1.5		
6		***SP*** Orange fine to medium SAND (Wet) (Loose) Thick bands of fine white sand throughout				0	1.4		
						0	2.5		
7		***SP*** Orange fine to medium SAND (Dry) (Soft) Thin bands of fine white sand throughout				0	2.4		
			3.5/5			21.8	7.7		
8						21.8	25		
						2.9	85.1		
9						57	51.1		
						17.9	203.7		
10						111.7	316.9		
						1592	662.2		
11						1567	606.4		

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 365200.139

Easting (NAD 83): 361917.368

Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0286

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0286
Date Completed: 12/16/2015
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
						916	1243		
12						1071	677.9		
			3.5/5			1919	1528	12.5 - 13	AZ-BA
13						1219	1160		
						1621	1388		
		SP Gray fine to medium SAND (Moist) (Soft)							
14						373	304.8		
		SP Gray fine to medium SAND (Saturated) (Soft) Orange striations throughout				86.4	779.9		
15							750.8		
						853	90.1		
16						183.4	43.9	16 - 16.5	BG-BH
						91.4	38.2		
17						19.4	75.8		
			5/5			37.2	60.4		
		CH Gray CLAY (Saturated) (Very Soft)							
18						42.9	53.7		
		SP Orangish Gray fine to medium SAND (Saturated) (Soft)				38.2	30.2		
19						11.7	33.6		
						7.2	14.9		A XRF was not used to screen borehole MPSB0286.
20		End of Borehole							
21									
22									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365200.139
Easting (NAD 83): 361917.368
Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0287

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0287
Date Completed: 9/29/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dusky Brown fine/coarse SAND (Dry) (Loose) Some fill material, brick and coal			0 - 0.5	AA-AB
1		***ML*** Tanish Orange SILT, little fine Sand, little Clay (Dry) (Stiff)				
		SP-SM Orange fine SAND, little Silt (Saturated) (Dense)			1.5 - 2	AD-AE
2						
			3.5/5			
3						
					3.5 - 4	AH-AI
4						
5		End of Borehole				Soil Boring Co-located with MPSB0190. A PID unit was not used to screen borehole MPSB0287.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366365.966
Easting (NAD 83): 361822.533
Depth to Watertable (ft bgs): 1.5

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Log of Borehole: MPSB0288

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0288
Date Completed: 9/29/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW-SM*** Tanish Orange fine to coarse SAND, little Silt (Dry) (Loose)			0 - 0.5	AA-AB
1						Trace coal
					1.5 - 2	AD-AE
2		***SP-SM*** Tanish Orange fine SAND, little Silt (Wet) (Loose) Few inclusions of black sand lenses	3.5/5			Red pigment
5		***SP-SM*** Tanish Orange fine SAND, little Silt (Saturated) (Loose) Few inclusions of black sand lenses				
6		***MH*** Orange SILT, some Clay (Saturated) (Soft)	5/5			
					9.5 - 10	AT-AU
10		End of Borehole				Soil Boring Co-located with MPSB0194. A PID unit was not used to screen borehole MPSB0288.

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366235.544
Easting (NAD 83): 361738.922
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0289

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0289
Project Location: Gibbsboro, NJ
Date Completed: 9/29/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		FL Fill: Soil (Dry) (Loose) Non native sands: Orange fine to coarse sand and gravel			0 - 0.5	AA-AB
1		***FL*** Fill: Rubble Brick			1.5 - 2	AD-AE
2			2/5			
3		***FL*** Fill: Rubble Concrete				
		FL Fill: Rubble Coal, glass, brick			3.5 - 4	AH-AI
4		***SW*** Tan fine to coarse SAND (Dry) (Loose)				
5		End of Borehole				Soil Boring Co-located with MPSB0197. A PID unit was not used to screen borehole MPSB0289.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Northing (NAD 83): 366156.132
Drilling Method: Geoprobe
Easting (NAD 83): 361840.303
Sampling Method: Macrocore
Depth to Watertable (ft bgs): Not Encountered > 5'

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Log of Borehole: MPSB0290

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0290
Date Completed: 9/30/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SP*** Orangish Tan fine to coarse SAND (Dry) (Loose) Top inch is asphalt -- not included in sample			0 - 0.5	AA-AB
1						
1.5 - 2					AD-AE	
2						
2.5		***SW*** Orangish Tan fine to coarse SAND, some Gravel (Dry) (Loose)	3/5			
3		***SM*** Orange fine SAND, some Silt (Wet) (Medium Dense) Saturation at 7' bgs				
4						
5						
6						
7			5/5			
8		***MH*** Orange fine SAND and SILT, some Clay (Saturated) (Very Soft)			8 - 8.5	AQ-AR
9		***SM*** Orange fine SAND, some Silt (Saturated) (Medium Dense)				
10		End of Borehole				Soil Boring Co-located with ERTSB-004. A PID unit was not used to screen borehole MPSB0290.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366054.1304
Easting (NAD 83): 361595.1233
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0291

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0291
Date Completed: 9/29/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		FL Fill: Rubble Asphalt			0 - 0.5	AA-AB
1		***FL*** Fill: Rubble				
		SM Dark Brown fine/coarse SAND and SILT (Dry) (Loose)			1.5 - 2	AD-AE
2		***FL*** Fill: Rubble Concrete	3/5			
3		***SM*** Dark Brown fine/coarse SAND, some Silt, little Gravel (Dry) (Loose)				
4		***SM*** Gray fine SAND, some Silt, little Clay (Wet) (Loose) Fine lenses of clay throughout				
5						
6						
7			4/5			
8		***CL*** Gray CLAY, some Silt, some fine Sand (Saturated) (Soft)			8 - 8.5	AQ-AR
9		***SM*** Orange fine SAND and SILT (Saturated) (Loose)				
10		End of Borehole				Soil Boring Co-located with ERTSB-009. A PID unit was not used to screen borehole MPSB0291.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366092.4614
Easting (NAD 83): 361754.1328
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0292

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0292
Date Completed: 9/29/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		FL Fill: Rubble			0 - 0.5	AA-AB
		FL Fill: Rubble Trace brick fragments				Slight petro odor, staining
1		***SM*** Brownish Black fine/coarse SAND and SILT, little Gravel (Dry) (Loose)			1.5 - 2	AD-AE Slight petro odor, staining
2			2.5/5			
3		***FL*** Fill: Rubble Cinder				Slight petro odor, staining
4		***SM*** Brownish Black fine SAND and SILT, little Gravel (Dry) (Loose) Few black bands of very fine sand				
5					5.5 - 6	AL-AM
6		***FL*** Fill: Rubble Rock fragments				
7		***SM*** Brownish Black fine to medium SAND, some Silt, little Gravel (Dry) (Loose) Trace brick, cinder, wood throughout	2.75/5			
8		***FL*** Fill: Rubble Brick				
9		***SM*** Brownish Black fine/coarse SAND and SILT, little Gravel (Dry) (Loose)				
10		End of Borehole				Soil Boring Co-located with MPSB0139. A PID unit was not used to screen borehole MPSB0292.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366098.936
Easting (NAD 83): 361949.522
Depth to Watertable (ft bgs): Not Encountered; > 10'

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Log of Borehole: MPSB0293

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0293
Date Completed: 9/30/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Orangish Brown fine to coarse SAND (Dry) (Very Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2		***SW*** Tanish Brown fine to coarse SAND, some Gravel (Dry) (Very Loose)	2.75/5			
3						
		SW Tanish Brown fine to medium SAND, some Gravel (Dry) (Very Loose)				
4						
					4.5 - 5	AJ-AK
5		End of Borehole				Soil Boring Co-located with MPSB0030. A PID unit was not used to screen borehole MPSB0293.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366028.229
Easting (NAD 83): 362071.906
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0294

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0294
Date Completed: 10/3/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Brown fine to medium SAND, some Silt, some Organics, little Gravel (Dry) (Loose) Trace roots			0 - 0.5	AA-AB
1		***SM*** Light Brown fine SAND, some Silt, trace Gravel (Moist) (Loose)				
		SM Dusky Brown fine to medium SAND, some Silt, little Gravel (Dry) (Loose) Cinder/slag at basal contact			1.5 - 2	AD-AE
2			4/5			
		FL Fill: Rubble Brck				
3		***SM*** Brownish black fine SAND, some Silt (Dry) (Very Loose)			3.5 - 4	AH-AI
4		***SW*** Grey fine to coarse SAND (Dry) (Very Dense)				
		SW Orange fine to coarse SAND (Dry) (Very Dense)				
5		End of Borehole				Soil Boring Co-located with MPSB0004. A PID unit was not used to screen borehole MPSB0294.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365997.665
Easting (NAD 83): 362387.102
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0295

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0295
Date Completed: 10/3/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine SAND and ORGANICS, some Gravel, some Silt (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Orange fine to medium SAND, some Silt (Dry) (Loose)				
		SM Black, Brown, and Orange fine to coarse SAND, some Silt, trace Gravel (Dry) (Loose)			1.5 - 2	AD-AE
2					2 - 2.5	AE-AF
		SM Orange fine to coarse SAND, some Silt (Dry) (Loose)	3.25/5			
3		***SM*** Brown fine to coarse SAND, some Silt (Dry) (Loose)				
4		***FL*** Fill: Rubble Concrete				
		SM Brownish Orange fine to coarse SAND, some Silt, trace Gravel (Moist) (Very Loose)				
5		End of Borehole				Soil Boring Co-located with MPSB0134. A PID unit was not used to screen borehole MPSB0295.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365904.612
Easting (NAD 83): 362501.527
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0296

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0296
Date Completed: 10/3/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Black fine to coarse SAND, some Gravel (Dry) (Very Loose)			0 - 0.5	AA-AB
1		***SW*** Orange fine to coarse SAND, some Gravel (Dry) (Very Loose) Trace brick at contact above			1.5 - 2	AD-AE (Dup)
2		***SM*** Orange fine/coarse SAND, some Silt (Dry) (Loose)	3.5/5			Odor and staining
3		***SM*** Orange fine to coarse SAND, some Silt (Dry) (Very Loose)				
4						
5						Odor and staining
6		***SM*** Grey fine SAND and SILT (Dry) (Loose)				
						Odor and staining
7		***SM*** Orange fine SAND and SILT (Dry) (Loose)	4/5			
8		***SM*** Orange fine SAND and SILT (Moist) (Loose)			8 - 8.5	AQ-AR
9						
10		End of Borehole				Soil Boring Co-located with MPSB0012. A PID unit was not used to screen borehole MPSB0296.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365896.665
Easting (NAD 83): 362254.103
Depth to Watertable (ft bgs): Not Encountered; >10'

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Log of Borehole: MPSB0297

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0297
Date Completed: 10/3/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Greyish black fine SAND, some Silt (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Orangish tan fine SAND, some Silt (Dry) (Loose)			1.5 - 2	AD-AE
2		***SP*** Brownish grey fine to medium SAND (Dry) (Very Loose) Black fine sand lenses at basal contact	3/5			
3		***SM*** Orange fine to medium SAND and SILT (Dry) (Loose) Lenses of fine white sand throughout				
4						
5						
6		***SM*** Orange fine to medium SAND, some Silt (Dry) (Very Loose) Blackfine sand layer at basal contact				
7			3/5			
8		***SM*** Orange fine SAND and SILT (Dry) (Loose) Lenses of fine whte snd througout			8 - 8.5	AQ-AR Petro odor
9						
10		End of Borehole				Soil Boring Co-located with TB-04. A PID unit was not used to screen bore hole MPSB0297.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365763.5449
Easting (NAD 83): 362207.8269
Depth to Watertable (ft bgs): Not Encountered; >10'

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Log of Borehole: MPSB0298

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0298
Date Completed: 9/30/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Black GRAVEL and fine to medium SAND (Dry) (Very Loose)			0 - 0.5	AA-AB
1		***SW*** Light Orangish Brown fine to coarse SAND (Dry) (Very Loose)				Petro Odor
		SM Dark Brownish Black fine to medium SAND, some Gravel, some Silt (Dry) (Very Loose) Brick, wood, rock fragments			1.5 - 2	AD-AE
2			2.5/5			
3						
4						
5						
6					5.5 - 6	AL-AM
						Petro odor
7		***SM*** Gray fine SAND, some Silt (Wet) (Dense)				
		SM Brownish Gray fine SAND, some Silt (Saturated) (Dense)	3.5/5			
8						
9						
10		End of Borehole				Soil Boring Co-located with MPSB0153. A PID unit was not used to screen borehole MPSB0298.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365912.825
Easting (NAD 83): 361919.988
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0299

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0299
Date Completed: 9/30/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW*** Brownish Black fine to coarse SAND, some Gravel (Dry) (Very Loose) Brick, yellow pigment, wood, and rock fragrment throughout interval			0 - 0.5	AA-AB
1						Yellow pigment
					1.5 - 2	AD-AE
2						
			2.5/5			
3						
4						
5		***SM*** Dark Brownish Black fine SAND, some Silt, some Gravel (Saturated) (Medium Dense) Rock fragments, wood, and brick				
6					5.5 - 6	AL-AM
7		***MH*** Dark Brownish Black fine SAND, some Silt, some Clay (Saturated) (Soft)	4/5			
8		***SM*** Dark Brownish Black fine SAND, some Silt (Saturated) (Medium Dense) Few brick fragments and wood				
9						
10		End of Borehole				Soil Boring Co-located with MPSB0149. A PID unit was not used to screen borehole MPSB0299.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 366004.896
Easting (NAD 83): 361850.725
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0300

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0300
Date Completed: 9/30/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Light Brown fine to medium SAND, some Silt, little Organics (Dry) (Very Loose) Roots			0 - 0.5	AA-AB
1		***SP*** Orange fine to medium SAND (Dry) (Loose)				
					1.5 - 2	AD-AE
2					2 - 2.5	AE-AF
		SW Orange fine to coarse SAND, some Gravel (Dry) (Loose)	3.5/5			
3		***SM*** Orange/Blackish-Brown fine to medium SAND, some Silt, little Gravel (Dry) (Very Loose) Brick, wood, and rock fragments				
4						
5		End of Borehole				Soil Boring Co-located with ERTSB-012. A PID unit was not used to screen borehole MPSB0300.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365921.5353
Easting (NAD 83): 361784.5416
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0301

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0301
Date Completed: 10/4/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Blackish Tan fine to coarse SAND, some Silt, little Gravel (Dry) (Loose) Brick, Slag, Concrete			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2					2 - 2.5	AE-AF
		ML Black SILT, some fine Sand (Dry) (Loose)	3/5			
3						Odor and staining
4		***SW*** Grey fine to coarse SAND, little Gravel (Dry) (Very Loose)				
		MH Tanish Orange SILT, some Clay, some fine Sand (Moist) (Soft)				
5		End of Borehole				Soil Boring Co-located with MPSB0038. A PID unit was not used to screen borehole MPSB0301.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365805.779
Easting (NAD 83): 361629.457
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0302

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0302
Project Location: Gibbsboro, NJ
Date Completed: 10/4/2016
Total Depth (ft bgs): 10
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SP*** Black fine to coarse SAND, little Gravel (Dry) (Loose) Slag			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2						
			3.5/5			
3		***SM*** Brownish Grey fine to coarse SAND and SILT, trace Gravel (Dry) (Very Dense)				
4						
5						
					5.5 - 6	AL-AM
6		***SM*** Greyish Brown fine SAND and SILT (Wet) (Dense)				
7		***MH*** Orange SILT, some fine Sand, some Clay (Saturated) (Soft)	5/5			
8		***MH*** Orange SILT and CLAY, some fine Sand (Saturated) (Soft) Black striations throughout				
9						
10						
10		End of Borehole				Soil Boring Co-located with MPSB0154. A PID unit was not used to screen borehole MPSB0302.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365819.143
Easting (NAD 83): 361797.259
Depth to Watertable (ft bgs): 7

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Log of Borehole: MPSB0303

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0303
Date Completed: 10/4/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown ORGANICS, some fine to coarse Sand, some Silt, trace Gravel (Dry) (Very Loose)			0 - 0.5	AA-AB
1		***SW*** Orange fine to coarse SAND (Dry) (Very Loose)			1.5 - 2	AD-AE
2						
			3.5/5			
3		***SP*** Orangish Brown fine to coarse SAND (Dry) (Very Loose)				
4						
5					5.5 - 6	AL-AM
6		***SM*** Tan fine SAND and SILT (Moist) (Soft) Gray silt lens at top of interval				
7			5/5			
8		***SM*** Orange fine SAND and SILT (Saturated) (Loose)				
9		***SM*** Grey fine SAND and SILT (Saturated) (Loose)				
10		End of Borehole				Soil Boring Co-located with MPSB0032. A PID unit was not used to screen bore hole MPSB0303.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365773.26
Easting (NAD 83): 361860.542
Depth to Watertable (ft bgs): 8

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Log of Borehole: MPSB0304

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0304
Project Location: Gibbsboro, NJ
Date Completed: 10/5/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		OL/OH Dark Brown ORGANICS and fine to medium SAND (Dry) (Loose)		2.1	0 - 0.5	AA-AB
				7.8		
1		***SW*** Orangish Brown fine to coarse SAND (Dry) (Loose)		2.8		
				10.6	1.5 - 2	AD-AE
2				16.4	2 - 2.5	AE-AF
			3/5	18.3		
3		***SM*** Red fine SAND and SILT, little Gravel (Saturated) (Medium Dense)		4.7		
				6.2		
4				983	4 - 4.5	AI-AJ Petro odor
		ML Black SILT, some fine Sand (Saturated) (Medium Dense)		696		
5		End of Borehole				Soil Boring Co-located with HCSB0293.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365742.861
Easting (NAD 83): 361714.107
Depth to Watertable (ft bgs): 2.5

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Log of Borehole: MPSB0305

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0305
Date Completed: 10/5/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Brown fine to medium SAND, some Silt, some Organics (Dry) (Loose)		0.7	0 - 0.5	AA-AB
				0.9		
1		***SP*** Orange fine to coarse SAND (Dry) (Loose)		1		
		SW Orangish Brown fine to coarse SAND (Dry) (Loose)		0.9	1.5 - 2	AD-AE
2				0.3		
			3/5	0.3	2.5 - 3	AF-AG
3		***SW*** Orange fine to coarse SAND (Dry) (Very Loose)		1.9		
				0.8		
4		***ML*** Dark Grayish Brown SILT, some fine Sand (Moist) (Medium Dense)		2.2		
				1.2		
5		***SM*** Dark Grayish Brown fine to medium SAND and SILT (Saturated) (Loose)		1		
				2		
6		***SM*** Dark Gray fine to medium SAND and SILT (Saturated) (Loose)		2.4		
				7.8	6.5 - 7	AN-AO Petro odor
7		***SM*** Dark Gray fine to coarse SAND and SILT (Saturated) (Loose)		0.6		
				0.6		
8		***SM*** Black fine SAND and SILT (Saturated) (Loose)		1		
				1.1		
9		***SW*** Gray fine to coarse SAND, little Gravel (Saturated) (Very Loose)		1.4		
				1.5		
10		End of Borehole				Soil Boring Co-located with HCSB0198.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365707.329
Easting (NAD 83): 361747.504
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0306

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0306
Date Completed: 10/4/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SM*** Brown medium SAND, some Silt, some Organics (Dry) (Very Loose) Organic matter, wood debris			0 - 0.5	AA-AB
1		***SM*** Tannish Brown fine SAND and SILT (Dry) (Loose)			1.5 - 2	AD-AE
2		***SM*** Orange fine SAND, some Silt (Dry) (Loose)	4/5			
3		***SM*** Brown fine to coarse SAND, some Silt, trace Gravel (Dry) (Loose)				
5		***SM*** Orange fine to coarse SAND, some Silt (Dry) (Loose) Organic matter at top of interval			6 - 6.5	AM-AN
7		***SW-SM*** Brown fine to coarse SAND, little Gravel, little Silt (Dry) (Loose) Brick, Slag, Wood	4/5			
9		***SM*** Red fine to coarse SAND and SILT (Moist) (Loose) Slag, Wood				
10		***FL*** Fill: Rubble (Wet) (Very Loose) Slag, Cinder				Soil Boring Co-located with MW-18. A PID unit was not used to screen borehole MPSB0306.
11		End of Borehole				
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365689.5591
Easting (NAD 83): 361668.6813
Depth to Watertable (ft bgs): Not Encountered; >10'

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Log of Borehole: MPSB0307

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0307
Project Location: Gibbsboro, NJ
Date Completed: 10/4/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Brown fine to medium SAND, little Organics (Dry) (Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2		***SM*** Tan medium SAND, some Silt (Moist) (Loose)	3.5/5		2.5 - 3	AF-AG
3		***SW-SM*** Tan fine to coarse SAND, little Silt, trace Gravel (Moist) (Loose)				
4		***SM*** Tannish Orange fine to coarse SAND, some Silt, little Gravel (Moist) (Loose)				
5		End of Borehole				Soil Boring Co-located with MPSB0217. A PID unit was not used to screen borehole MPSB0307.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365641.334
Easting (NAD 83): 361481.307
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0308

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 3.5

Borehole Completed As: MPSB0308
Date Completed: 10/4/2016 & 10/5/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Brown SILT and fine to medium SAND, little Organics, trace Gravel (Dry) (Loose) Trace roots	0.5/0.5	0.3	0 - 0.5	AA-AB (10/4/2016)
		SM Brown fine to medium SAND, some Silt, some Clay, trace Gravel (Dry) (Soft)	0.5/0.5	336		Petro odor
1		***SC*** Brown fine to coarse SAND, some Clay, some Silt, trace Gravel (Moist) (Soft) Trace glass	0.5/0.5	749		Petro odor, sheen
		MH Brown SILT, some medium to coarse Sand, some Clay, trace Gravel, trace Organics (Wet) (Soft) Trace brick and leaf	0.5/0.5	902	1.5 - 2	AD-AE (10/4/2016) Odor and sheen
2		***NC*** No Recovery	0/0.5	919		AE-AF (10/5/2016)
		MH Brown medium to coarse SAND and SILT, some Clay, little Gravel (Saturated) (Soft) Trace brick	0.5/0.5	860		Petro odor, sheen
3		***SM*** Brown fine to coarse SAND, some Silt, little Gravel (Saturated) (Loose)	0.5/0.5	923	3 - 3.5	AG-AH (10/4/2016) Odor and sheen
		End of Borehole				Soil Boring Co-located with MPSB0041.
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365629.959
Easting (NAD 83): 361712.774
Depth to Watertable (ft bgs): 2.5

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Log of Borehole: MPSB0309

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0309
Project Location: Gibbsboro, NJ
Date Completed: 10/5/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SP Gray fine to medium SAND (Dry) (Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2		***SM*** Brownish Orange fine to medium SAND and SILT, trace Gravel (Dry) (Loose)	3/5		2 - 2.5	AE-AF
3		***SM*** Orange fine SAND and SILT (Moist) (Dense) Bands of fine gray sand throughout interval				
4						
5		End of Borehole				Soil Boring Co-located with MW-14. A PID unit was not used to screen borehole MPSB0309.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365549.708
Easting (NAD 83): 361711.622
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0310

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0310
Date Completed: 10/5/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Brownish Orange fine to coarse SAND (Dry) (Very Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2		***SW*** Brown fine to coarse SAND (Dry) (Very Loose) Trace Brick Fill				
			2/5			
3		***ML*** Orangish Gray SILT, some fine Sand (Dry) (Medium Dense) Gray fine sand inclusions				
4						
5						
					5.5 - 6	AL-AM
6		***MH*** Orangish Gray SILT, some fine Sand, some Clay (Saturated) (Very Stiff) Gray fine sand inclusions				
7						
			5/5			
8						
9						
10						
		End of Borehole				Soil Boring Co-located with MPSB0048. A PID unit was not used to screen borehole MPSB0310.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365525.681
Easting (NAD 83): 361773.113
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0311

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0311
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Orange fine to coarse SAND (Dry) (Very Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2						
			3.5/5			
3						
4						
5						
6						
7						
			4.5/5			
8		***SM*** Orange fine SAND, some Silt, some Clay (Saturated) (Soft) Laminations of fine white sand throughout interval			8 - 8.5	AQ-AR
9						
10		End of Borehole				Soil Boring Co-located with TB-52 A PID unit was not used to screen borehole MPSB0311.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365535.3015
Easting (NAD 83): 362217.1748
Depth to Watertable (ft bgs): 7.5

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Log of Borehole: MPSB0312

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0312
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Orange fine to coarse SAND (Dry) (Very Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2						
			3.5/5		2.5 - 3	AF-AG
3						
4						
5		End of Borehole				Soil Boring Co-located with TB-46. A PID unit was not used to screen borehole MPSB0312.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365501.59
Easting (NAD 83): 362278.9268
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0313

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0313
Project Location: Gibbsboro, NJ
Date Completed: 10/6/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Orange fine to coarse SAND (Dry) (Very Loose)	3/5		0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2						
		SM Gray fine SAND, some Silt (Dry) (Loose)				
3		***SW*** Orange fine to coarse SAND (Dry) (Very Loose)				
4					4 - 4.5	AI-AJ
5		End of Borehole				A PID unit was not used to screen borehole MPSB0313.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365426.095
Drilling Method: Geoprobe
Easting (NAD 83): 362254.815
Sampling Method: Macrocore
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0314

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0314
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine to medium SAND, some Silt, some Organics (Dry) (Loose)			0 - 0.5	AA-AB
1						
					1.5 - 2	AD-AE
2		***SW*** Orange fine to coarse SAND, little Gravel (Dry) (Loose)	3.5/5			
3					3 - 3.5	AG-AH
4						
5		End of Borehole				Soil Boring Co-located TB-41. A PID unit was not used to screen borehole MPSB0314.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365481.6587
Easting (NAD 83): 362160.682
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0315

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0315
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown SILT, some fine Sand, some Organics (Dry) (Loose)			0 - 0.5	AA-AB
1		***SW*** Orange fine to coarse SAND, little Gravel (Moist) (Very Loose) Some large rock fragments			1.5 - 2	AD-AE
2			3.5/5			
3					3 - 3.5	AG-AH
4						
5		End of Borehole				Soil Boring Co-location with TB-43. A PID unit was not used to screen borehole MPSB0315.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365436.6171
Easting (NAD 83): 362170.6732
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0316

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2.5

Borehole Completed As: MPSB0316
Date Completed: 10/4/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Brown fine to medium SAND, some Silt, some Organics, trace Gravel (Dry) (Soft)	0.5/0.5		0 - 0.5	AA-AB
		SW-SM Brown fine to coarse SAND, some Gravel, little Silt (Dry) (Very Loose)	0.5/0.5			
1		***SM*** Brown fine to coarse SAND, some Gravel, some Silt (Dry) (Very Loose)	0.5/0.5			
		SW Brown fine to coarse SAND, little Gravel, trace Organics (Dry) (Very Loose)	0.5/0.5		1.5 - 2	AD-AE
2		***SM*** Brown fine/coarse SAND and GRAVEL, little Silt (Dry) (Loose)	0.5/0.5		2 - 2.5	AE-AF
		End of Borehole				Soil Boring Co-located with MW-13. A PID unit was not used to screen borehole MPSB0316.
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365422.681
Easting (NAD 83): 361932.9466
Depth to Watertable (ft bgs): Not Encountered;>2.5'

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Log of Borehole: MPSB0317

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0317
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown SILT, some fine to coarse Sand, some Organics (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Dark Gray fine to coarse SAND, some Silt, little Gravel (Dry) (Very Loose)				
					1.5 - 2	AD-AE
2		***SM*** Light Gray fine to coarse SAND, some Silt, little Gravel (Saturated) (Very Loose)	3/5			
3					3 - 3.5	AG-AH
4		***SM*** Brown fine to coarse SAND, some Silt, little Gravel (Saturated) (Very Loose)				
5		End of Borehole				Soil Boring Co-located with MPSB0044. A PID unit was not used to screen borehole MPSB0317.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365446.85
Easting (NAD 83): 361627.682
Depth to Watertable (ft bgs): 2

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Log of Borehole: MPSB0318

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0318
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Grayish Blue fine SAND and SILT and CLAY, little Organics (Dry) (Soft) Brick frgments			0 - 0.5	AA-AB
1		***FL*** Fill: Rubble Concrete			1.5 - 2	AD-AE
2		***SW*** Dark Blackish Brown fine to coarse SAND, little Gravel (Dry) (Very Loose) Slag and brick	2.5/5			
3						
4						
5		***SW*** Dark Blackish Brown fine to coarse SAND, little Gravel (Saturated) (Very Loose)			5.5 - 6	AL-AM
6		***MH*** Dark Brown SILT, some Clay, little fine Sand (Saturated) (Very Soft)				
7		***SW*** Dark Brown fine to coarse SAND, some Gravel (Saturated) (Very Loose)	4/5			
8						
9						
10		End of Borehole				Soil Boring Co-located with MPSB0221. A PID unit was not used to screen borehole MPSB0318.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365500.94
Easting (NAD 83): 361507.89
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0319

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0319
Project Location: Gibbsboro, NJ
Date Completed: 10/6/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine to coarse SAND, some Silt, some Organics (Dry) (Loose)			0 - 0.5	AA-AB Septic odor
1		***SW*** Orange fine to coarse SAND, little Gravel (Dry) (Loose) Trace brick fragment			1.5 - 2	AD-AE
2					2 - 2.5	AE-AF
			2.25/5			Septic odor
3		***ML*** Dark Brown SILT, some Gravel, some Organics, little fine Sand (Saturated) (Dense)				
4						
5		End of Borehole				Soil Boring Co-located with SS-PH04. A PID unit was not used to screen borehole MPSB0319.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365402
Drilling Method: Geoprobe
Easting (NAD 83): 361526
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 2.5

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Log of Borehole: MPSB0320

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0320
Project Location: Gibbsboro, NJ
Date Completed: 10/10/2016
Total Depth (ft bgs): 5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine SAND, some Silt, some Organics (Moist) (Dense)			0 - 0.5	AA-AB
1		***SM*** Dark Brown fine SAND and SILT (Saturated) (Dense) Large clast present in core			1.5 - 2	AD-AE
2		***SM*** Brown fine SAND and SILT (Saturated) (Dense)	3/5		2 - 2.5	AE-AF
3						
4		***SM*** Tan fine SAND and SILT (Saturated) (Dense)				
5		End of Borehole				Soil Boring Co-located with HCSB0172. A PID unit was not used to screen borehole MPSB0320.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365404.362
Drilling Method: Geoprobe
Easting (NAD 83): 361366.536
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 3.5

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Log of Borehole: MPSB0321

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4.5

Borehole Completed As: MPSB0321
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Btown fine to medium SAND, some Silt, some Organics (Wet) (Loose)	0.5/0.5	1.3	0 - 0.5	AA-AB
		ML Dark Brownish Black ORGANICS, some fine Sand, some Silt (Wet) (Very Soft) Saturation at 1' bgs	0.5/0.5	1.3		Septic/sulfur odor throughout
1			0.5/0.5	3.1		
			0.5/0.5	5.2	1.5 - 2	AD-AE
2			0/0.5			
			0/0.5			
3			0/0.5			
			0/0.5			
4		***OL/OH*** Dark Brownish Black ORGANICS, some Silt (Saturated) (Very Soft)	0.5/0.5		4 - 4.5	AI-AJ
		End of Borehole				Soil boring co-located with HCSB0175/0188 and HCSB0176/0189.
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365347.951
Easting (NAD 83): 361408.337
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0322

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4.5

Borehole Completed As: MPSB0322
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Brown fine to medium SAND, some Silt, some Organics (Wet) (Loose)	0.5/0.5		0 - 0.5	AA-AB
		SM Black fine to medium SAND, some Silt, some Organics (Saturated) (Loose)	0.5/0.5			
1			0.5/0.5			
					1.5 - 2	AD-AE
			0.5/0.5			
2						Petro odor
			0.5/0.5			
			0.5/0.5			
3						
			0.5/0.5			
			0.5/0.5			
4					4 - 4.5	AI-AJ
			0.5/0.5			
		End of Borehole				Soil Boring Co-located with HCSB0179/192. A PID unit was not used to screen borehole MPSB0322.
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365325.592
Easting (NAD 83): 361440.047
Depth to Watertable (ft bgs): 1.5

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Log of Borehole: MPSB0323

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0323
Date Completed: 10/6/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0 – 2		***SM*** Brownish Orange fine to medium SAND, some Silt, trace Gravel (Dry) (Dense) Large rock fagments at basal contact			0 - 0.5 1.5 - 2	AA-AB AD-AE
2 – 5		***SM*** Grayish Brown fine to coarse SAND, some Silt, trace Gravel (Dry) (Dense) Black laminations throughout	3.5/5			Slight petro odor
6		***SM*** Orange fine SAND, some Silt (Dry) (Dense)				
7		***SM*** Gray fine SAND, some Silt (Wet) (Dense)				
7 – 10		***SM*** Grayish Orange fine SAND, some Silt (Wet) (Dense)	4.5/5		7.5 - 8	AP-AQ
10		End of Borehole				Soil Boring with Co-located with MPSB0018. A PID unit was not used to screen borehole MPSB0323.

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365280.1
Easting (NAD 83): 361841.997
Depth to Watertable (ft bgs): Not Encountered; > 10'

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Log of Borehole: MPSB0324

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0324
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Brown SILT, some Organics, some fine Sand (Dry) (Loose) Topsoil -- Trace root mass		0	0 - 0.5	AA-AB
				0		
1		***SW-SM*** Orange fine to coarse SAND, little Silt (Moist) (Very Loose)		0		
				0	1.5 - 2	AD-AE
2				0	2 - 2.5	AE-AF
			3.5/5	0		
3		***SM*** Grayish Brown fine SAND, some Silt (Saturated) (Dense)		0		
				0		
4		***MH*** Black ORGANICS, some fine Sand, some Silt (Saturated) (Very Soft) Trace fine roots		0		
				0	**4.5 - 5**	AJ-AK
5		End of Borehole				Soil Boring Co-located with HCSB0308.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365218.374
Easting (NAD 83): 361333.059
Depth to Watertable (ft bgs): 2.5

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Log of Borehole: MPSB0325

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2.5

Borehole Completed As: MPSB0325
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown fine to medium SAND and ORGANICS, some Silt (Dry) (Loose)	0.5/0.5	0	0 - 0.5	AA-AB
		SM Brownish Gray fine to medium SAND and SILT (Saturated) (Very Loose)	0.5/0.5	66.6	0.5 - 1	AB-AC Odor, staining
1			0.5/0.5			
		SM Grayish Brown fine to coarse SAND, some Silt, some Gravel (Saturated) (Loose)	0.5/0.5		1.5 - 2	AD-AE
2			0.5/0.5		2 - 2.5	AE-AF Sulfur Odor
		End of Borehole				Soil Boring Co-located with HCSB0108/135.
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365163.725
Easting (NAD 83): 361100.461
Depth to Watertable (ft bgs): 0.5

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Log of Borehole: MPSB0326

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 2.5

Borehole Completed As: MPSB0326
Date Completed: 10/11/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		OL/OH Dark Brown ORGANICS, some fine Sand, some Silt (Moist) (Soft)	0.5/0.5	0	0 - 0.5	AA-AB
		ML Dark Brown fine SAND and SILT, some Organics (Wet) (Soft) Saturation at 1' bgs	0.5/0.5	0		
1			0.5/0.5	0		
			0.5/0.5	13.8	1.5 - 2	AD-AE
			0.5/0.5			Sulfur odor
2			0.5/0.5	8.6	2 - 2.5	AE-AF
		End of Borehole				Soil Boring Co-located with HCSB0152/125.
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365111.682
Easting (NAD 83): 360948.113
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0327

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4.5

Borehole Completed As: MPSB0327
Date Completed: 10/11/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		OL/OH Dark Brown ORGANICS, some fine Sand, some Silt (Moist) (Loose)	0.5/0.5	68.5	0 - 0.5	AA-AB
			0.5/0.5	184	0.5 - 1	AB-AC
1		***SM*** Dark Grayish Brown fine to medium SAND and SILT (Saturated) (Soft)	0.5/0.5	102		
		SM Gray fine to medium SAND, some Silt (Saturated) (Loose)	0.5/0.5		1.5 - 2	AD-AE
2		Not Characterized				
3						
4		***SM*** Gray fine to medium SAND, some Silt (Saturated) (Soft)	0.5/0.5		4 - 4.5	AI-AJ Sulfur odor
		End of Borehole				Soil Boring Co-located with HCSB0158/131.
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365082.476
Easting (NAD 83): 360927.311
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0328

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0328
Project Location: Gibbsboro, NJ
Date Completed: 10/7/2016
Total Depth (ft bgs): 4.5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Brown SILT, some fine Sand, some Organics (Saturated) (Very Soft)	0.5/0.5	0	0 - 0.5	AA-AB
1						
		SM Brownish Gray fine to medium SAND and SILT (Saturated) (Loose)	0.5/0.5		1.5 - 2	AD-AE
2						
3						
4		***SM*** Brownish Gray fine to medium SAND and SILT (Saturated) (Loose)	0.5/0.5		4 - 4.5	AF-AJ
		End of Borehole				Soil Boring Co-located with HCSB0121/148.
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365115.834
Easting (NAD 83): 361157.264
Depth to Watertable (ft bgs): 0.25

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Log of Borehole: MPSB0329

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0329
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SM*** Orange fine SAND, some Silt (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Orange fine SAND, some Silt (Dry) (Loose) Lamnations of fine whitesand			1.5 - 2	AD-AE
2		***SP*** Tan fine SAND (Dry) (Loose)	3.5/5			
3		***SP*** Gray fine to medium SAND (Dry) (Loose)				
4		***SM*** Orange fine to coarse SAND, some Silt, little Gravel (Dry) (Loose)				
5						
6		***SM*** Orange fine SAND, some Silt (Saturated) (Dense)				Odor
7			5/5			
8						Odor
9						
10					9.5 - 10	AT-AU
10		End of Borehole				Soil Boring Co-located with MPSB0055. A PID unit was not used to screen borehole MPSB0329.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365103.886
Easting (NAD 83): 361320.503
Depth to Watertable (ft bgs): 6

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Log of Borehole: MPSB0330

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 5

Borehole Completed As: MPSB0330
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Dark Brown fine to medium SAND and SILT, little Organics (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Tan fine SAND, some Silt (Dry) (Loose)			1.5 - 2	AD-AE
2			3/5		2.5 - 3	AF-AG
3		***SM*** Dark Brown fine SAND, some Silt (Dry) (Loose) Odor, large rock fragments				
4						
5		End of Borehole				Soil Boring Co-located with MPSB0050. A PID unit was not used to screen borehole MPSB0330.
6						
7						
8						
9						
10						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365105.958
Easting (NAD 83): 361643.122
Depth to Watertable (ft bgs): Not Encountered; > 5'

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Log of Borehole: MPSB0331

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0331
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Brown fine to medium SAND, some Silt, some Organics (Dry) (Loose)			0 - 0.5	AA-AB
1		***SM*** Orange fine to medium SAND and SILT, trace Gravel (Dry) (Loose) Trace rock fragme nts			1.5 - 2	AD-AE
2						
			3.5/5			
3		***SW*** Orange fine to coarse SAND, trace Gravel (Dry) (Loose) Trace Rock Fragmens				
4		***SM*** Tanish Brown fine to medium SAND, some Silt (Dry) (Dense)				
5						
6						
		SW Tanish Brown fine to coarse SAND (Dry) (Loose)				
7		***SM*** Tanish Brown fine to medium SAND, some Silt (Dry) (Dense) Orange, Black, and Gray banding	3/5		7.5 - 8	AP-AQ
8						
9						
10						
		End of Borehole				Soil Boring Co-located with MPSB0059. A PID unit was not used to screen borehole MPSB0331.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365041.782
Easting (NAD 83): 361461.608
Depth to Watertable (ft bgs): Not Encountered; > 10'

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Log of Borehole: MPSB0332

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 10

Borehole Completed As: MPSB0332
Date Completed: 10/10/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SM*** Orange fine SAND and SILT (Dry) (Loose)			0 - 0.5	AA-AB
1						
1					1.5 - 2	AD-AE
2						
2			3.5/5			
3		***SM*** Light Tan fine SAND and SILT (Dry) (Loose)				
4						
4		***SP*** Tannish Orange fine to coarse SAND, little Gravel (Dry) (Loose)				
5						Odor
6						
7						
7			3.5/5			
8						
8					8.5 - 9	AR-AS
9						
10						
10		End of Borehole				Soil Boring Co-located with MPSB0065. A PID unit was not used to screen borehole MPSB0332.
11						
12						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 364844.79
Easting (NAD 83): 361403.504
Depth to Watertable (ft bgs): Not Encountered; > 10'

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Log of Borehole: MPSB0333

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0333
Project Location: Gibbsboro, NJ
Date Completed: 10/7/2016
Total Depth (ft bgs): 1.5
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown SILT, some fine Sand, some Organics (Moist) (Loose)	0.5/0.5	0		
			0.5/0.5	0		
1				210	1 - 1.5	AC-AD (Split)
		ML Dark Brown SILT, some fine Sand, some Organics (Saturated) (Loose)	0.5/0.5			Odor, sheen
		End of Borehole				Soil Boring Co-located with HCSB0116/143.
2						
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365710.566
Easting (NAD 83): 361757.258
Depth to Watertable (ft bgs): 1.25

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Log of Borehole: MPSB0334

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 1.5

Borehole Completed As: MPSB0334
Date Completed: 10/5/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		OL/OH Dark Brown ORGANICS, some Silt, some Clay (Moist) (Very Soft)	0.5/0.5	2.3		
			0.5/0.5	3.1	0.5 - 1	AB-AC
1		***SW*** Grayish Brown fine to coarse SAND (Saturated) (Very Loose)	0.5/0.5	1.8		
		End of Borehole				Soil Boring Co-located with HCSB0297.
2						
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365536.603
Easting (NAD 83): 361628.63
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0335

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 3.5

Borehole Completed As: MPSB0335
Date Completed: 10/5/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		MH Dark Brown SILT and ORGANICS, some fine to medium Sand (Moist) (Very Soft)	0.5/0.5			
			0.5/0.5			
1			0.5/0.5			
			0.5/0.5		1.5 - 2	AD-AE
2		***SW*** Dark Brown fine to coarse SAND (Saturated) (Very Loose)	0.5/0.5			
			0.5/0.5			
3			0.5/0.5			
		End of Borehole				Soil Boring Co-located with HCSB0296.
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365532.54
Easting (NAD 83): 361636.725
Depth to Watertable (ft bgs): 2

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Log of Borehole: MPSB0336

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 1

Borehole Completed As: MPSB0336
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown SILT, some fine Sand, some Organics (Wet) (Loose)	0.5/0.5	0	0 - 0.5	AA-AB
		ML Dark Brown SILT, some fine Sand, some Organics (Saturated) (Loose)	0.5/0.5	0		
1		End of Borehole				Soil Boring Co-located with HCSB0305.
2						
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365476.059
Easting (NAD 83): 361559.96
Depth to Watertable (ft bgs): 0.5

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Log of Borehole: MPSB0337

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 1.5

Borehole Completed As: MPSB0337
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown fine to medium SAND, some Silt, some Organics (Saturated) (Loose)	0.5/0.5	4.0		
			0.5/0.5	1.3		
1			0.5/0.5	8.1	1 - 1.5	AC-AD (Split) Odor
		End of Borehole				Soil Boring Co-located with HCSB0303.
2						
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365456.832
Easting (NAD 83): 361562.509
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0338

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 1.5

Borehole Completed As: MPSB0338
Date Completed: 10/7/2016
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		ML Dark Brown SILT, some fine Sand, some Organics (Moist) (Loose)	0.5/0.5	2.8		
			0.5/0.5	11.9	0.5 - 1	AB-AC (Odor)
1		***ML*** Dark Brown SILT, some fine Sand, some Organics (Saturated) (Loose)	0.5/0.5	7.3		Odor
		End of Borehole				Soil Boring Co-located with HCSB0178/191.
2						
3						
4						
5						

Drilling Subcontractor: ECDI
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365347.485
Easting (NAD 83): 361412.182
Depth to Watertable (ft bgs): 1

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Log of Borehole: MPSB0339

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0339
Date Completed: 7/11/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.5		
		SW Gray GRAVEL and fine SAND (Dry) (Loose)		0.1		
1		***SW*** Tan medium SAND (Moist) (Loose)		0.1		
				0.3		
2		***SW*** Light Gray fine to medium SAND (Moist) (Loose)		0.1		
			3.7/5	0.3		
3				0.1		
		SW Light Gray medium to coarse SAND (Moist) (Loose)		0.4		
4				0.8		
				0.1		
5		***SW*** Orange coarse SAND (Moist) (Loose)		0.1		
				0.1		
6		***SW*** Orangish Brown coarse SAND, some Gravel (Moist) (Loose)		0.1		
				0.1		
7		***SP*** Brownish Orange medium SAND (Moist) (Loose)		0.7		
			4/5	2.2		
8				18		
				26.4		
9				12.1		
				2.3		
10		***SP*** Orange Gray medium to coarse SAND (Moist) (Loose)		25		Gray banding
				36.1		
11				11.9		
				14.2		
12				40.4		
			3.5/5	71.1		
13				51.6		
				25.1		
14				18.8		
				13		
15		***SW*** Light Brown fine to medium SAND (Wet to Saturated) (Loose)		317.4		
				395		
16				374.5		
				411.6		
17				357.7		
			2.9/5	57.6		
18				550.4	18 - 18.5	BK-BL Brown staining; odor
				517.7		
19		***SP-SM*** Brown Orange medium SAND, little Silt (Wet) (Loose)		51.4		
				73		
20				180.3		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365726.54
Easting (NAD 83): 362428.308
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0339

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0339
Project Location: Gibbsboro, NJ
Date Completed: 7/11/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SP*** Brown Orange fine to medium SAND, trace Silt (Wet) (Loose)		70.4 5.5 11.1 12.5		
22			3.3/5	1		
23				0.5 0.5		
24				3.4 0.4	24.5 - 25	BX-BY
25		End of Borehole				
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365726.54
Drilling Method: Geoprobe
Easting (NAD 83): 362428.308
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0340

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0340
Date Completed: 7/11/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		OL/OH Brown ORGANICS (Dry) (Loose)		0.2		Topsoil
1				0.2		
		SM Yellow Tan fine SAND and SILT (Dry) (Loose)		0.2		
2				0.2		
				0.3		
3		***SM*** Brown Orange fine to medium SAND, some Silt (Moist) (Soft)	2.9/5	0.2		
4				0.2		
				0.2		
5				0.2		
		SP-SM Tan fine to medium SAND, little Silt (Moist) (Soft)		0.3		
6				0.2		
		SP Orange coarse SAND, some Gravel (Moist) (Soft)		0.3		
7				0.2		
			3.9/5	0.7		
8		***SP*** Light Orange fine to medium SAND (Moist) (Soft)		0.5		
				1.0		
9				0.9		
				0.2		
10		***SP*** Light Orange fine to medium SAND (Moist) (Loose)		1.2		
				0.4		
11				2.2		
				0.3		
12				1.1		
			2.2/5	1.2		Gray banding
13		***SM*** Light Orange fine SAND, little Silt (Wet) (Soft)		0.3		
				0.6		
14				0.4		
				0.4	14.5 - 15	BD-BE
15		***SM*** Light Orange fine to medium SAND, some Silt (Saturated) (Soft)		0.2		
				0.2		
16				0.2		
				0.2		
17				0.2		
			3.7/5	0.2		
18				0.2		
				0.2		
19				0.2		
				0.2	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365646.117
Easting (NAD 83): 362453.552
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0341

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0341
Date Completed: 7/11/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.2		
		OL/OH Dark Brown ORGANICS (Dry) (Loose) top soil		0.2 0.2		
1				0.1		
		SW Dark Orange coarse SAND and GRAVEL (Moist) (Loose)		0.2 0.2		
2			4.1/5			
		SW Light Orange Tan fine/coarse SAND (Moist) (Soft)		0.2 0.2 0.2 0.2		
3						
4						
5		***SW*** Light Orange Tan fine to medium SAND, trace Silt (Moist) (Medium Stiff)		0.2 0.1 0.1 0.2 0.2		Silty sand stringers
6						
7			3.9/5	0.2 0.2 0.2 0.1 0.1		
8						
9						
10		***SW*** Light Orange Tan fine to medium SAND, trace Silt (Moist) (Medium Stiff)		0.2 0.2 0.3 0.2 0.3		
11						
12			3.8/5	0.1 0.2 0.2		
13						
14		***SW*** Tan fine to medium SAND (Moist) (Medium Soft)		0.2 0.2	14 - 15	BC-BE
15		***SP*** Orange medium SAND (Saturated) (Medium Stiff)		0.2 0.2 0.2 0.2		
16						
17		***CL*** Orange CLAY and medium SAND (Saturated) (Soft)	4/5	0.2 0.2 0.1		
18		***SW*** Gray fine to medium SAND (Saturated) (Stiff)		0.2 0.2 0.2	19.5 - 20	BN-BO
19						
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365380.194
Easting (NAD 83): 362329.024
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0342

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0342
Date Completed: 7/11/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Light Gray coarse SAND (Moist) (Soft)		0.2		Topsoil
1		***SW*** Brown fine to medium SAND (Moist) (Soft)		0.2 0.2 0.2 0.2		
2			3.3/5	0.2		
3				0.1 0.1		
4				0.1		
		SW Tan fine to medium SAND (Moist) (Soft)		0.3		Orange banding
5				0.1		
6				0.2 0.2		
7		***SW*** Tan fine to medium SAND (Moist) (Soft)		0.1		
8			3.8/5	0.2 0.2		
9				0.2 0.1		
		SP Gray fine SAND (Moist) (Soft)		0.1 0.2		
10		***SP*** Orange fine SAND (Moist) (Soft)		0.1		Orange mottles
11				0.2 0.2		
12		***SP*** Gray fine SAND (Moist) (Soft)		0.2		
			3.9/5	0.3		
13				0.1 0.4		
14				0.2		
15				0.2 02.	14.5 - 15	BD-BE
		SP Light Gray fine SAND (Saturated) (Soft)		0.1		
16		***SW*** Brownish Orange fine to medium SAND (Saturated) (Medium Soft)		0.2 0.2		
17				0.2		
			3.8/5	0.2		
18		***SP*** Light Gray fine SAND (Saturated) (Medium Soft)		0.1 0.2		
19		***SW-SM*** Orange fine SAND, little Silt (Saturated) (Soft)		0.2 0.2	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365279.376
Easting (NAD 83): 362317.941
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0343

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0343
Date Completed: 7/11/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.2		
		FL Fill: Top Soil and Soil Rubble		0.2		Root fragments
1		***FL*** Fill: Rock Fragments		0.2		
				0.2		
2				0.2		
			3.9/5	0.2		
3				0.2		
				0.2		
4		***SW*** Tan fine to medium SAND, some Gravel (Moist) (Soft)		0.1		
				0.1		
5				0.2		
		SW Tan fine to medium SAND, some Gravel (Moist) (Soft)		0.3		
6				0.2		
				0.1		
7		***SW-SM*** Light Orange fine to medium SAND, little Silt (Moist) (Soft)		0.2		
			3.8/5	0.3		
8				0.2		
				0.2		
9				0.3		
				0.2		
10		***SP*** Orangish Tan fine SAND (Moist) (Soft)		0.2		
				0.2		
11				0.2		
				0.3		
12				0.2		
			3.8/5	0.2		
13				0.1		
				0.2		
14		***SP*** Light Gray fine to medium SAND (Moist) (Soft)		0.2	14 - 14.5	BC-BD
				0.2		Gray banding
15		***SW*** Light Orange fine to medium SAND (Wet) (Medium Stiff)		0.2		
				0.1		
16				0.1		
		SW Orangish Tan fine to medium SAND (Saturated) (Soft)		0.2		
17				0.2		
			3.3/5	0.2		
18				0.2		
				0.2		
19				0.2		
				0.6	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365329.023
Easting (NAD 83): 362213.471
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0344

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0344
Date Completed: 7/13/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0	SM	Gray coarse SAND and ORGANICS (Dry) (Loose)		0		Topsoil; grass
1				0		
				0		
				0		
2	SW	Brown medium to coarse SAND (Moist) (Soft)		0		
			2.9/5	0		
3				0		
				0		
4				0		
				0.1		
5	SM	Orange fine to medium SAND, little Silt, little Clay (Moist) (Soft)		0		
				0		
6				0		
				0.1		
7	SW-SM	Tan fine to medium SAND, little Silt (Moist) (Soft)		0.3		Gray banding
			3.7/5	2.1		
8				8.5		
				17.6		
9				64.7		
				101.4		
10	SW-SM	Tan fine to medium SAND, little Silt (Moist) (Soft)		221.8		
				350.2		
11				444		
				1012		
12	SW-SM	Light Gray fine SAND, little Silt (Moist) (Soft)		781.3		Tan banding
			3.9/5	876.2		
13				1324		
				1345		
14	SW	Brownish Gray fine to medium SAND (Wet) (Soft)		1145	14 - 15	BC-BE; HDR Split Sample
				84		Petroleum odor
15				1096		Petroleum odor
	SP	Brownish Gray medium SAND (Wet) (Soft)		946.2		
16				357.1		Slight petroleum odor
	SP	Light Orangish Brown fine to medium SAND (Saturated) (Soft)		1186		
17				770		
			3.5/5	393.2		
18				353.8		
				218.8		
19				68		
				584.8		
20				98.8		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365266.545
Easting (NAD 83): 362100.329
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0344

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0344
Date Completed: 7/13/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Orangish Brown fine to medium SAND, some Clay (Saturated) (Soft)		69.3 72.5		
22				41.3 12.3		
23			4.2/5	27.8 4.9		
24		***SP-SC*** Gray fine to medium SAND, little Clay (Saturated) (Soft)		5.5 5.9 16.8	24.5 - 25	BX-BY
25		***SP-SM*** Gray fine SAND, little Silt (Saturated) (Soft)				
26		End of Borehole				
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365266.545
Easting (NAD 83): 362100.329
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0345

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0345
Date Completed: 7/13/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW-SM*** Brown medium SAND, little Organics (Moist) (Soft)		0.1		Topsoil
1				0.3		
				2.7		
				3.1		
2				2.8		
			2.5/5	4.1		
3		***SP*** Tan medium SAND (Moist) (Soft)		1.0		
				0.5		
4				0.5		
				0.3		
5		***SP*** Light Orangish Gray medium SAND (Moist to Wet) (Soft)		5.7		
				2.2		
6				7.2		
				4.4		
7				2.2		
			2.2/5	0.8		
8		***SP*** Light Orange fine to medium SAND (Saturated) (Soft)		0.4		
				0.4		
9				0.5		
				0.4		
10		***SP-SM*** Light Grayish Orange fine to medium SAND, little Silt (Saturated) (Soft)		0.3		
				0.3		
11				0.3		
		SM Orange fine SAND, some Silt, little Clay (Saturated) (Soft)		0.4		
12				0.3		
			3.7/5	0.5		
13				5.6		
				9.7	13.5 - 14	BB-BC
14		***SP*** Brownish Orange fine to medium SAND (Saturated) (Soft)		8.6		
				7.4		
15		***SP*** Light Gray fine to medium SAND (Saturated) (Soft)		1.4		
				1.2		
16				4.2		
		SM Brownish Orange fine SAND, some Silt, little Clay (Saturated) (Soft)		1.7		
17				1.4		
				2.2		
18		***SM*** Light Gray fine SAND, some Silt, little Clay (Saturated) (Soft)		2.7		
				1.2		
19				1.4		
		SM Orangish Gray fine SAND, some Silt, little Clay (Saturated) (Medium Stiff)		2.7	19.5 - 20	BN-BO
20						
21		End of Borehole				

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365221.714
Easting (NAD 83): 362157.588
Depth to Watertable (ft bgs): 10.0

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Log of Borehole: MPSB0346

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0346
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		GW Dark Gray GRAVEL, some coarse Sand (Moist) (Loose)		0.0 0.0		
1				0.0		
		SW Gray Brown medium to coarse SAND (Moist) (Soft)		0.0 0.0		
2			3.7/5	0.0		
		SW Orange coarse SAND, some very fine Gravel (Moist) (Soft)		0.0 0.0		
3				0.0		
		MAN Orange coarse SAND, some very fine Gravel (Moist) (Soft)		0.0 0.0		
4				0.0		
		SW Orange fine to medium SAND, little fine Gravel, trace Silt (Moist) (Soft)		0.0 0.0		
5				0.0		
6				0.0		
7		***SW-SM*** Light Orange fine to medium SAND, little Silt (Moist) (Soft)	3.5/5	0.0		Gray banding
8				0.8 24.2		
9				47.5 186.7		
10		***SW-SM*** Light Orange fine to medium SAND, little Silt (Wet) (Soft)		10.5 12.3		
11				711.5 1306		
12				270.4		
13		***SM*** Light Brown fine to medium SAND, some Silt (Wet) (Soft)	3.8/5	482.3 591.6		Petroleum odor
14				360 1220		
15		***SP*** Light Orangish Brown fine to medium SAND (Saturated) (Soft)		1442 55.3	14.5 - 15	BD-BE Petroleum odor
16				176 409.7		
17				60 64		
18			3.4/5	41.7 51.3		
19				25.3 25.0		
20				17.3 6.6		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365382.461
Easting (NAD 83): 362160.534
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0346

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0346
Project Location: Gibbsboro, NJ
Date Completed: 7/14/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21				12.4		
				12.3		
22				9.7		
				5.0		
			3.8/5	2.3		
23				9.6		
				7.1		
24				3.6		
				3.2	24.5 - 25	BX-BY
25		End of Borehole				
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365382.461
Drilling Method: Geoprobe
Easting (NAD 83): 362160.534
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 15

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Log of Borehole: MPSB0347

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0347
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW-SM*** Dark Gray fine SAND, little Organics (Dry) (Loose)		1.2		Top Soil; little fill
1				1.1		
1				0.0		
1		***SW-SM*** Tan fine SAND, little Gravel, little Organics (Dry) (Loose)		0.0		
2				1.0		
2			3.3/5	0.8		
3				0.0		
3				0.0		
4		***SM*** Orange fine SAND, some Silt, little Clay (Moist) (Medium Stiff)		0.0		
4				0.0		
5				0.0		
5				0.0		
6		***SM*** Orange fine SAND, some Silt (Moist) (Soft)		0.0		
6				0.0		
7				0.0		
7			3.4/5	0.0		
8		***SW-SM*** Tan fine SAND, little Silt (Moist) (Soft)		0.0		
8				0.0		
9				0.4		
9				2.5		
10		***SW-SM*** Tan fine SAND, little Silt (Wet) (Soft)		20.7		
10				34.4		
11				374.7		
11				353.3		
12		***SW*** Dark Brownish Gray fine to medium SAND (Wet) (Soft)		712.0		Petroleum odor
12			3.5/5	991.2	12.5 - 13	AZ-BA
13				277.3		
13				237.6		
14		***SP*** Brown fine to medium SAND (Wet) (Soft)		100.4		Petroleum odor
14				39.9		
15		***SW*** Orangish Brown fine to medium SAND (Saturated) (Medium Stiff)		35.0		
15				7.0		
16				26.6		
16		***SM*** Light Brown fine to medium SAND, little Silt, little Clay (Saturated) (Medium Stiff)		5.2		
17				17.6		
17			4/5	21.5		
18				21.8		
18				17.4		
19				12.2		
19				1.7	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365298.807
Easting (NAD 83): 362159.679
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0348

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0348
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.0		
		SM Dark Brown fine SAND, little Silt, trace Organics (Moist) (Loose)		0.2		
1				0.6		
		SW Orange fine to coarse SAND (Moist) (Loose)		1.4		
2				2.4		
			3.6/5	4.2		
3				2.9		
				4.7		
4		***SW-SM*** Orange fine to medium SAND, little Silt (Moist) (Soft)		5.2		Silt stringers
				4.0		
5				0.2		
		Interval not characterized		15.4		
6				7.4		
				8.1		
7				4.8		
			3.7/5	6.8		
8				3.5		
				10.0		
9				5.9		
				17.6		
10		***SW*** Orange fine SAND (Wet) (Soft)		145.0		Slight petroleum odor
				245.8		
11				523.0		
				526.7		
12				155.7		
			3.7/5	291.6		
13				113.0		
				174.6		
14		***SM*** Brown fine to medium SAND, little Silt, little Clay (Wet) (Soft)		967.0		Gray staining; slight petroleum odor
				812.8		
15				1061.0	15 - 15.5	BE-BF
		SP Light Brown medium SAND (Saturated) (Soft)		230.2		Petroleum odor ending at 16' bgs
16				212.2		
				38.5		
17				35.5		
			3.7/5	25.0		
18				60.4		
				32.6		
19		***SP*** Gray fine to medium SAND (Saturated) (Medium Stiff)		61.8		Orange banding
				137.3		
20				7.8		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365323.294
Easting (NAD 83): 362158.98
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0348

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0348
Project Location: Gibbsboro, NJ
Date Completed: 7/14/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SP*** Light Orangish Brown fine to medium SAND (Saturated) (Medium Stiff)		20.1		
				15.4		
				23.4		
22				30.2		
			3.7/5	2.6		
23				0.1		
				1.7		
24				1.3		
				3.3	24.5 - 25	BX-BY
25		End of Borehole				
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365323.294
Easting (NAD 83): 362158.98
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0349

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0349
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0		Topsoil
0		***SW-SM*** Dark Brown fine to medium SAND, little Gravel, little Organics (Moist) (Loose)		0.0		
1				0.3		
1		***SW*** Orange fine to medium SAND (Moist) (Loose)		0.2		
2				0.3		
2			3.6/5	0.0		
3		***SW*** Orange medium to coarse SAND, little Gravel (Moist) (Loose)		1.0		
3				1.1		
4				2.7		
4		***SW*** Light Orange fine to medium SAND (Moist) (Soft)		1.2		
5				0.4		
5				0.3		
6				0.0		
6		***SM*** Light Orange fine to medium SAND, little Silt, trace Clay (Moist) (Soft)		0.0		
7				0.0		
7			3.7/5	0.0		
8				0.1		
8				0.0		
9				0.0		
9				1.1		
10				1.3		Gray banding
10		***SW-SM*** Light Orange fine to coarse SAND, little Silt (Moist) (Medium Dense)		1.8		
11				8.7		
11				22.0		
12				57.6		
12			3.9/5	49.9		
13				171.4		
13		***SW-SM*** Light Grayish Brown fine to coarse SAND, little Silt (Moist) (Medium Dense)		234.1		
14				489.0		
14				1009		
15				764.4	15 - 16	BE-BG; Odor
15		***SP*** Light Grayish Brown fine to medium SAND (Wet) (Medium Dense)		914.3		
16				747.9		
16				743.6		
17				528.5		Odor
17		***SP*** Gray fine to medium SAND (Wet) (Medium Dense)	3.7/5	181.5		
18				100.0		Odor
18				51.2		
19		***SP*** Brownish Orange fine to medium SAND (Wet) (Medium Dense)		320.3		
19				11.8		
20				19.4		Gray banding

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365231.38
Easting (NAD 83): 362032.956
Depth to Watertable (ft bgs): 20

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Log of Borehole: MPSB0349

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0349
Project Location: Gibbsboro, NJ
Date Completed: 7/14/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SP-SM*** Brownish Orange fine to medium SAND, little Silt (Saturated) (Medium Dense)		19.4 18.0		
22				9.6 7.0		
23			3.6/5	14.0 25.6		
24				10.2 10.8		
25		***SC*** Light Grayish Orange fine SAND and CLAY (Saturated) (Medium Stiff)		5.8	24.5 - 25	BX-BY; Gray banding
26		End of Borehole				
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365231.38
Drilling Method: Geoprobe
Easting (NAD 83): 362032.956
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 20

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Log of Borehole: MPSB0350

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 15

Borehole Completed As: MPSB0350
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		0.0		
		SW-SM Dark Gray fine SAND, little Organics (Dry) (Loose)		0.0		
1				0.0		
		SP Tan fine to medium SAND, little Gravel (Moist) (Soft)		0.0		
2				0.0		
			3.4/5	0.0		
3				0.0		
				0.0		
4		***SC*** Orange fine SAND, some Clay (Moist) (Medium Stiff)		0.0		
				0.0		
5				0.0		
		SW-SC Orange fine to medium SAND, little Clay (Moist) (Medium Stiff)		0.0		
6				0.0		
				0.0		
7				0.0		
			3.9/5	0.0		
8				0.0		
				0.0		
9				0.3		
				0.1		
10						
11						
				20.1		
12				65.0		
			3.4/5	99.0		
13				239		
		SW Light Gray fine to medium SAND (Wet) (Soft)		659	13.5 - 14	BB-BC
14				473		
				337		Dark gray banding
15		***SP*** Light Brown fine to medium SAND (Saturated) (Medium Stiff)		184		
16						
				41.0		
17				35.5		Dark gray banding
		SP Orangish Brown fine to medium SAND (Saturated) (Medium Stiff)	3.2/5	35.1		
18				19.0		
				17.6		
19				16.5		
				11.0	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365178.57
Easting (NAD 83): 362095.922
Depth to Watertable (ft bgs): 14.5

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Log of Borehole: MPSB0351

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0351
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Gray fine SAND (Dry) (Loose)		3.5		Topsoil
1		***SP*** Light Brown fine SAND (Moist) (Soft)		2.6 1.4 1.5		
2				3.7		
			3.2/5	2.3		
3		***SM*** Light Orange fine to medium SAND, some Silt (Moist) (Soft)		3.7 1.2		
4				0.8		
5		***SP-SM*** Light Orange fine to medium SAND, little Silt (Moist) (Soft)		0.8 0.9 0.5		
6				0.4		
7				0.3 0.5		
			3.8/5	0.4		
8				0.4		
9				0.4 0.3		
10		***SP*** Light Orange fine to medium SAND (Moist) (Soft)		10.0 15.0		
11				36.0 45.0		
12				61.4 461		
			3.8/5	626		
13				639		
14				777 800		
				1225	14.5 - 15	BD-BE
15				642		
16				804 767		
		SP Light Orange fine to medium SAND (Saturated) (Soft)		990		Slight odor
17				916		
		SP Light Brownish Gray fine to medium SAND (Wet) (Soft)	3.6/5	963		
18				360		Slight odor
19				383 273		
				343		
20				83.9		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365262.163
Easting (NAD 83): 362062.834
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0351

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0351
Date Completed: 7/14/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SW-SM*** Orangish Brown medium SAND, little Gravel, little Silt (Wet) (Soft)		60.0 25.9		
22		***SC*** Orangish Brown fine to medium SAND, some Clay (Wet) (Soft)		38.0 41.0		
23			3.9/5	12.0 13.0		
24		***SM*** Orangish Brown fine to medium SAND, some Silt (Saturated) (Medium Stiff)		11.0 20.0		
25		Lithology not recorded End of Borehole		20.0	24.5 - 25	BX-BY
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365262.163
Easting (NAD 83): 362062.834
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0352

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0352
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW-SM*** Dark Brown fine to medium SAND, little Organics (Dry) (Loose)		1.8 3.0 0.1 0.1		
2		***SW*** Tan fine to medium SAND (Dry) (Loose)		0.6		
3		***SM*** Light Orange fine to medium SAND, some Silt (Moist) (Soft)	3.6/5	1.2 2.8 0.7 0.2 0.6		
5		***SW*** Light Orange fine to medium SAND (Moist) (Soft)		21.2 1.7 1.2 7.7 4.2		
8		***SP*** Tan fine SAND (Moist) (Soft)	3.7/5	54.2 881 964 1429 1558		Slight petroleum odor
10		***SP*** Light Gray fine to medium SAND (Wet) (Soft)		1476 976.9 1050	10 - 10.5	AU-AV
11		***SP*** Grayish Brown fine to medium SAND (Saturated) (Soft)	3.7/5	669.07 369.4 446.0		
13		***SP*** Grayish Brown medium to coarse SAND (Saturated) (Stiff)		140.1 83.0 99.5 81.5		
15		***SP*** Orangish Brown medium to coarse SAND (Saturated) (Stiff)		49.0 47.8 58.2 60.4		
17		***SC*** Light Orange fine to medium SAND, some Clay (Saturated) (Stiff)	5/5	25.2 22.3 46.2 41.4 41.5 38.3	19.5 - 20	BN-BO
20		End of Borehole				

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365081.506
Easting (NAD 83): 362099.06
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0353

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0353
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		FL Fill: Rubble		0.8 3.9		Brick
1		***SP*** Brown fine to coarse SAND (Moist) (Soft)		6.7 4.6		
2				5.2		
			2/5			
3						
4				37.9		
5		***SP*** Tan fine to medium SAND, trace Gravel (Moist) (Soft)		42.7 6.9		
6				4.2		
				2.8		
7				4.7		
			3/5	19.2		
8				13.2		
9		***SM*** Orange fine SAND, some Silt (Moist) (Soft)				
10		***SP*** Light Orangish Brown fine to medium SAND (Wet) (Soft)		82.4 164		Musty petroleum odor to 15' bgs
11				773		
				1176		
12		***SP*** Brown fine to medium SAND (Wet) (Soft)		1955.4		
			3.6/5	1350		
13				1042	13 - 13.5	BA-BB
		SP-SM Brown fine to medium SAND, little Silt (Saturated) (Soft)		795 380		
14				631.7		
15				63.4		
				78.5		
16		***SP-SM*** Light Orangish Brown medium to coarse SAND, little Silt (Saturated) (Soft)		117.5 18.5		
17				49.3		
			4.1/5	51.2		
18		***SP-SM*** Orangish Brown medium to coarse SAND, little Silt (Saturated) (Soft)		172 160		
19				530		
				33.7		
20				34.9		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365092.607
Easting (NAD 83): 362059.666
Depth to Watertable (ft bgs): 14.0

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Log of Borehole: MPSB0353

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0353
Project Location: Gibbsboro, NJ
Date Completed: 7/17/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21				33..2 76.3		
22				58.9 26.9		
		SM Orangish Brown fine to medium SAND, some Silt (Saturated) (Soft)	5/5	22.2		
23				59.2		
24				54.1 23.9		
25				38.5	24.5 - 25	BX-BY
		End of Borehole				
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365092.607
Easting (NAD 83): 362059.666
Depth to Watertable (ft bgs): 14.0

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Log of Borehole: MPSB0354

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0354
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brown medium to coarse SAND (Moist) (Loose)		12.2 7.6 14.9 8.8		
2		***SW*** Orange coarse SAND, some Gravel (Moist) (Loose)	2.8/5	8.5 14.4		
3		***SW*** Light Brown fine to medium SAND (Moist) (Soft)		13.5 8.9 13.0 11.3		
5				8.2 7.1		
6		***SW*** Light Orange fine to medium SAND (Moist) (Medium Stiff)		6.9 7.6 8.9		Gray banding
8			3.5/5	7.8 9.8 14.8		
9				11.2 14.5		
10		***SW*** Light Brown fine to medium SAND (Moist) (Medium Stiff)		241 383 523 915		
12			3.6/5	882 534		
13		***SW*** Light Grayish Brown fine to medium SAND (Wet) (Medium Stiff)		793.8 613 1019		Slight petroleum odor Petroleum odor
14		***SW*** Light Grayish Brown fine to medium SAND (Wet to Saturated) (Medium Stiff)		551 23 21	14.4 - 15	BD-BE
16		***SW*** Light Orangish Brown medium to coarse SAND (Saturated) (Medium Stiff)		22 44.1 24.2		
17			3.8/5	27 44.5		
18		***SW*** Brown medium to coarse SAND (Saturated) (Medium Stiff)		50.1 78.4		
19				30.3	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365074.774
Easting (NAD 83): 362015.178
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0355

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0355
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to medium SAND, little Organics (Moist) (Loose)		1.5 1.6 2.2		
1				2.1		
2		***SW*** Light Orange fine to medium SAND, little Gravel (Moist) (Loose)	3.5/5	2.3 3.8		
3		***SW*** Orange coarse SAND, some Gravel (Moist) (Loose)		2.8		
4				18.6 28.4 20.8		
5		***SW*** Orange medium to coarse SAND, some Gravel (Wet) (Loose)		2.2 6.9 11.3		Gray banding
6				13.7		
7		***SW*** Light Orange fine to medium SAND (Wet) (Loose)	3.5/5	14.7 107.8		
8				66.5 113.9		
9				187.5 218.5		
10				49.2 80.2		
11				190 280		
12				542		
13			3.8/5	1022 923		Petroleum odor
14				1110 1029	13.5 - 14	BB-BC
15		***SW*** Light Grayish Brown medium SAND (Wet) (Loose)		1080 1083		
16		***SW*** Light Grayish Brown fine to medium SAND (Saturated) (Medium Stiff)		379 223 59.8		
17		***SW*** Orange fine to medium SAND (Saturated) (Medium Stiff)	4/5	19 31.8		
18				24.5 140		
19		***SW*** Light Grayish Brown fine to medium SAND (Saturated) (Medium Stiff)		25 14	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365117.091
Easting (NAD 83): 361973.136
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0356

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 25

Borehole Completed As: MPSB0356
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SW-SM*** Dark Brown medium to coarse SAND, little Organics (Moist) (Loose)		0.8		
1				0.9		
				0.6		
		SW Brown medium to coarse SAND (Moist) (Loose)		1.8		
2				2.1		
			3.7/5	1.2		
3		***SP*** Orange GRAVEL and coarse SAND (Moist) (Loose)		1.1		
				1.7		
4				1.4		
				1.1		
5				1.2		
				2.3		
6		***SP-SM*** Orange fine to medium SAND, little Silt (Moist) (Soft)		2.7		
				1.7		
7				3.7		
			4/5	1.2		
8				3.3		
				1.3		
9				11.6		
				5.1		
10				26.0		
				47.3		
11		***SP*** Light Orange fine to medium SAND (Moist) (Soft)		78.1		
				43.5		
12				89.1		
			4/5	108.9		
13				160		
				267		
14		***SP*** Light Brown fine to medium SAND (Wet) (Soft)		657.3		
				620		
15				680		
				770		
16				842		Petroleum odor
		SP-SM Light Grayish Brown fine to medium SAND, little Silt (Saturated) (Soft)		1155		
17				1200	17 - 17.5	BI-BJ
			3.7/5	303		
18				265		
				176		
19				211		
				723		
20				25.8		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365174.908
Easting (NAD 83): 362003.501
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0356

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0356
Project Location: Gibbsboro, NJ
Date Completed: 7/17/2017
Total Depth (ft bgs): 25
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SP*** Light Grayish Brown medium to coarse SAND (Saturated) (Soft)		23.9 57.8		
22				16.6 36.8		Black banding
23		***SP*** Grayish Brown medium to coarse SAND (Saturated) (Soft)	4.3/5	33.2 73.8		
24		***SP-SM*** Light Brown fine to medium SAND, little Silt (Saturated) (Soft)		50.1 108		
25				50.9	24.5 - 25	BX-BY
26		End of Borehole				
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Drilling Subcontractor: ECDI
Northing (NAD 83): 365174.908
Drilling Method: Geoprobe
Easting (NAD 83): 362003.501
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 16.0

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Log of Borehole: MPSB0357

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0357
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW-SM Dark Brown fine to medium SAND, little Organics (Dry) (Loose)		0.0		Topsoil
1				0.1		
				0.0		
		SW Tan medium to coarse SAND (Dry) (Loose)		0.0		
2				0.1		
		SP Orange coarse SAND, some Gravel (Moist) (Loose)	3.8/5	0.1		
3				0.1		
				0.1		
4		***SP*** Light Orange fine to medium SAND (Moist) (Medium Stiff)		0.1		Gray banding
				0.1		
5				0.1		
				0.4		
6				1.7		
				5.3		
7				9.7		
			3.6/5	3.5		
8				2.7		
				2.9		
9				2.9		
				2.5		
10				0.4		
				1.2		
11				2.1		
				1.2		
12				2.3		
			3.6/5	3.1		
13				6.2		
				8.4		
14				3.4		
		SM Light Brown fine to medium SAND, some Silt (Wet) (Medium Stiff)		15.5	14.5 - 15	BD-BE
15				15.2		
		SM Light Brown fine to medium SAND, some Silt (Saturated) (Medium Stiff)		2.4		
16				5.3		
				6.2		
17				1.8		
			3.8/5	0.7		
18				1.2		
				0.2		
19				1.3		
				0.5	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365538.921
Easting (NAD 83): 362324.246
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0358

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 20

Borehole Completed As: MPSB0358
Date Completed: 7/17/2017
Geologist/Logger: Sarah Hale

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SW Dark Brown fine to medium SAND, some Organics (Dry) (Loose)		0.3 0.2 0.2		
1				0.3		
		FL Fill: Soil-Rubble		0.2		
2			2.3/5	0.2		
3				0.3 0.3		
4				0.2		
				0.2		
5		***SW*** Orange coarse SAND, some Gravel (Moist) (Loose)		0.3 0.3		
6				0.2		
				0.2		
7		***SP*** Light Orange coarse SAND (Moist) (Loose)		0.2		
			4/5	0.2		
8				0.2		
				0.2		
9				0.2		
				0.0		
10		***SP*** Orange fine to medium SAND (Moist) (Soft)		0.1 0.1		Gray banding
11				0.0		
				0.1		
12				0.2		
			4/5	0.1		
13				0.1		
				0.0		
14				0.0		
				0.0	14.5 - 15	BD-BE
15		***SP*** Light Orange Brown fine to medium SAND (Saturated) (Medium Stiff)		0.0 0.0		
16				0.0		
				0.0		
17				0.0		
			3.5/5	0.0		
18				0.0		
				0.0		
19				0.0		
				0.0	19.5 - 20	BN-BO
20		End of Borehole				
21						

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365591.364
Easting (NAD 83): 362381.46
Depth to Watertable (ft bgs): 15.0

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Log of Borehole: MPSB0359

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0359
Date Completed: 7/11/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		66	10		0	0 - 2	AA-AE
		ML Brown fine to coarse SAND and ORGANICS, some Silt (Dry) (Loose)					0		Roots
1							0		
		SM Light Brown fine to coarse SAND, little Silt, trace Gravel (Moist) (Medium Dense)					0		
2				35	8		0	2 - 4	AE-AI
			3.5/5				0		
3							0.3		
							1		
4				21	7		2.4	4 - 6	AI-AM
							0.6		
5							2.1		
							10.6		Odor
6		SM Dark Gray fine to coarse SAND, some Silt (Moist) (Medium Dense)		13	6		0	6 - 8	AM-AQ
							0.3		
7		SM Light Gray fine SAND, some Silt (Saturated) (Loose)					0.6		
			5/5				1.5		
8				12	7		2.8	8 - 10	AQ-AU
		SM Light Yellowish Brown fine SAND, some Silt, some Clay (Wet) (Medium Stiff)					1.3		
9							0.6		
							0.3		
10		SM Light Gray fine SAND, some Silt (Saturated) (Medium Dense)					0.2		
							0.9		
11							0.6		
		SM Moderate Gray fine SAND, some Silt, little Clay (Saturated) (Medium Stiff)					0.3		
12							0.3		
			4/5				0.3		
13							0.3		
							0.3		
14							0.3		
							0		
15		SM Dark Gray fine SAND, some Silt, little Clay (Saturated) (Medium Stiff)					0.1		Mica present to 35' bgs
							0.2		
16							0.1		
							0.1		
17							0.2		
			5/5				0.4		
18							0.2		
							0.2		MPMW0047 installed in borehole MPSB0359.
19							0.2		
							0.3		A FID was not used to screen borehole MPSB0359.
20							0		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365140
Easting (NAD 83): 361383
Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0359

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0359
Date Completed: 7/11/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SC*** Dark Gray fine SAND, some Clay, little Silt (Saturated) (Medium Stiff)					0		
22							0		
23			5/5				0		
24							0		
25							0.1		
26		***SM*** Dark Gray fine SAND, some Silt (Saturated) (Very Soft)					0.2		
27							0		
28			5/5				0		
29				16	7		0	29 - 31	AK-AU
30		***SM*** Light Brown fine SAND, some Silt (Saturated) (Very Soft)					0.1		
31							0		
32		***SM*** Dark Gray fine SAND, some Silt (Saturated) (Soft)	5/5				0		
33		***SM*** Light Brown fine SAND, some Silt, some Clay (Saturated) (Soft)					0		
34							0		
35		End of Borehole					0		
36									
37									
38									
39									
40									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365140
Easting (NAD 83): 361383
Depth to Watertable (ft bgs): 8.5

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Log of Borehole: MPSB0360

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0360
Date Completed: 7/11/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		20	6		0	0-2	AA-AB
1		***SM*** Light Brown fine to medium SAND, some Silt, some Organics (Dry) (Very Loose)					1.7 0.2		
2		***SP*** Light Brown fine/coarse SAND, some Gravel (Dry) (Medium Dense)	4/5	29	4		0 0	2-4	AE-AI
3							0 0		
4		***SM*** Brown fine to coarse SAND, some Silt (Dry) (Medium Dense)		51	5		0 0	4-6	AI-AM
5							0.6 0.4		
6				19	6		0.2 0.2	6-8	AM-AQ
7			3/5				0.2 0.2		
8		***SM*** Brown fine to coarse SAND, little Silt (Moist) (Medium Dense)		12	7		0.2 0.2	8-10	AQ-AU
9							0.2 0.4		
10							0.8 0.7		
11							0.4 0		
12		***MH*** Moderate Gray fine SAND and SILT, little Clay (Saturated) (Medium Stiff)	5/5				0 0.2		
13							0 2.1		
14							0.5 0.9		
15							0 0.2		
16							0 0.7		
17			5/5				0.4 0.4		
18							0.8 0.7		MPMW0035 installed in borehole MPSB0360.
19							0.4 1.3		A FID was not used to screen borehole MPSB0360.
20									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365001
Easting (NAD 83): 361416
Depth to Watertable (ft bgs): 12.0

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Log of Borehole: MPSB0360

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0360
Project Location: Gibbsboro, NJ
Date Completed: 7/11/2017
Total Depth (ft bgs): 35
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21							0.6		
22							0.9		
23		***MH*** Dark Gray fine SAND and SILT, little Clay (Saturated) (Very Soft)	4/4				1.0 0.3		
24							0.5 0.1		
25							0.1 0.1		
26							0 0.1		
27							0 0.2		
28		***CH*** Light Brown CLAY, little Silt (Wet) (Medium Stiff)	5/5				0.1 0.1		
29				10	7		0.1 0.1	29-31	CG-CK
30		***SM*** Light Brown fine SAND, some Silt (Wet) (Medium Dense)					0 0		
31		***SM*** Gray fine SAND and SILT (Saturated) (Soft)					0.1 0		Mica
32			5/5				0.1 0.1		
33							0.1 0.1		
34							0.1 0.2		
35		End of Borehole							
36									
37									
38									
39									
40									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365001
Drilling Method: Geoprobe
Easting (NAD 83): 361416
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 12.0

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Log of Borehole: MPSB0361

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0361
Project Location: Gibbsboro, NJ
Date Completed: 7/12/2017
Total Depth (ft bgs): 35
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		56	10			0 - 2	AA-AE
		SM Dark Brown fine to coarse SAND, little Gravel, little Organics, trace Silt (Moist) (Medium Dense)					9.3		Roots/Odor
1							3		
							1.8		
2		***SM*** Moderate Brown fine to coarse SAND, little Gravel, little Organics, trace Silt (Moist) (Medium Dense)		219	12		89.2	2 - 4	AE-AI
			4.5/5				227		
3							169		
							223.3		
4				185	7		548.9	4 - 6	AI-AM
							443.2		
5									
6		***SP*** Light Brown fine to medium SAND (Wet) (Loose)		43	5		349	6 - 8	AM-AQ
							487		Green streaks
7							95.4		
			4/5				43.8		
8				48	5		24.6	8 - 10	AQ-AU
							89.2		
9		***SM*** Light Gray fine SAND, some Silt (Moist) (Loose)					285.2		Brick
							158.2		
10							377		
							239		
11		***SM*** Moderate Gray fine SAND, some Silt (Saturated) (Very Soft)					150.5		Mica
							40.2		
12							26.1		
			5/5				8.6		
13							8.1		
							4.7		
14							6.9		
							5		
15							21.4		
							2.9		
16							2.4		
							2.9		
17							2.		
			5/5				1.5		
18							0.6		
							0.2		MPMW0045 installed in borehole MPSB0361.
19							0.6		
							0.3		A FID was not used to screen borehole MPSB0361.
20							0.2		

Drilling Subcontractor: ECDI
Northing (NAD 83): 365053
Drilling Method: Geoprobe
Easting (NAD 83): 361676
Sampling Method: Macrocore
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0361

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0361
Date Completed: 7/12/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21							4.5		
22							2.1		
23			5/5				2.6		
24							1.2		
25		***SM*** Light Gray fine SAND, some Silt, trace Clay (Saturated) (Very Soft)					1.9		
26							2.4		
27							2.0		
28			5/5				0.3		Mica
29				13	4		0.2		
30							0.6		
31		***SM*** Light Brown fine SAND, some Silt, little Clay (Saturated) (Soft)					0.2		
32							0.8		
33			5/5				0.6		
34							0.6		
35		***SM*** Light Brown fine SAND, some Silt, little Clay (Saturated) (Soft)					0.6		
36		End of Borehole					0.6		
37							1.4	29 - 31	CG-CK
38							0.9		
39							1.5		
40							0.1		
							1.3		
							0.5		
							0.6		
							1.6		
							0.7		
							1.6		
							0.7		
							0.2		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365053
Easting (NAD 83): 361676
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0362

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0362
Date Completed: 7/13/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		25	5			0 - 2	AA-AE
		SM Dark Brown fine to medium SAND, little Silt, little Organics (Dry) (Loose)							Roots
1							9.8		
							13.6		
2		***SP-SM*** Light Gray fine to coarse SAND, little Organics (Dry) (Medium Dense)		15	4		1.3	2 - 4	AE-AI
			3.5/5				1		
3		***SW*** Dark Light Yellow fine to coarse SAND, trace Silt (Moist) (Loose)					0.1		
							0.9		
4				4	3		0	4 - 6	AI-AM
							0		
5									
							0.2		
6				8	4		3.1	6 - 8	AM-AQ
							0.4		
7		***SM*** Dark Yellow fine to medium SAND, little Silt (Moist) (Medium Dense)					0.2		
			4/5				0.1		
8				10	4		0.1	8 - 10	AQ-AU
							0		
9							0		
							0		
10							0.1		
		SM Dark Yellow fine to medium SAND, little Silt (Wet) (Medium Dense)					0		
11							0		
		SP-SM Dark Gray fine to medium SAND, little Silt (Saturated) (Medium Dense)					0.9		
12							0.4		
			4/5				0.7		
13							1.1		
							0.1		
14		***SM*** Dark Yellow fine SAND, some Silt (Wet) (Very Soft)					0.2		
							0.1		
15									
		SM Dark Yellow fine SAND, some Silt (Saturated) (Very Soft)					0		
16							0.2		
							0.2		
17							0.2		
			4/5				1.5		
18							1.6		
		SP-SM Moderate Gray fine SAND, little Silt (Saturated) (Medium Dense)					0.7		MPMW0041 installed in borehole MPSB0362.
19							0.4		
							0.3		A FID was not used to screen borehole MPSB0362.
20									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 364818
Easting (NAD 83): 361542
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0362

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 35

Borehole Completed As: MPSB0362
Date Completed: 7/13/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21		***SP-SM*** Dark Gray fine SAND, little Silt (Saturated) (Medium Dense)					0 0 0		
22							0.1		
23			4/5				0.2 1.1		
24							0.4 0.1		
25		***SM*** Moderate Gray fine SAND, some Silt (Saturated) (Medium Dense)					0 0.5		
26							0.1 0.3		
27							0.4		
28			5/5				0.7 0.6		
29		***SM*** Moderate Gray fine SAND, some Silt (Saturated) (Medium Dense)		9	4		0.4	29 - 31	CG-CK
30							0.2 0.1		
31							0 0.1		
32							0.1 0.1		
33			5/5				0.1 0.1		
34							0.1 0.1		
35		End of Borehole					0.1		
36									
37									
38									
39									
40									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 364818
Easting (NAD 83): 361542
Depth to Watertable (ft bgs): 11.0

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Log of Borehole: MPSB0363

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0363
Project Location: Gibbsboro, NJ
Date Completed: 7/14/2017
Total Depth (ft bgs): 15
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		549	19		0	0 - 2	
		FL Fill: ASPHALT					0		AA-AE
1		***SW*** Light Brown GRAVEL and medium to coarse SAND (Dry) (Dense)					0		
		SW Dark Brown medium to coarse SAND, some Gravel (Moist) (Loose)					1.3		
2		***SW*** Light Green medium SAND (Moist) (Very Loose)		1334	36		1.2	2 - 4	AE-AI
			4/5				0		Brick
		SW-SM Dark Brown fine to coarse SAND, little Gravel, little Silt (Wet) (Dense)					0		
3							0		
4		***SM*** Light Gray fine SAND, some Silt (Saturated) (Stiff)		465	29		0	4 - 6	AI-AM
							0		Odor
5		***SP*** Dark Brown fine to coarse SAND, trace Silt (Wet) (Loose)					0.5		
							0		
6		***SM*** Light Gray fine SAND, some Silt (Saturated) (Loose)		13	32		0	6 - 8	AM-AQ
							0		
7		***CH*** Light Brown CLAY, trace Silt (Moist) (Soft)					0		
			5/5				0		
8		***SP-SM*** Light Gray fine SAND, little Silt (Saturated) (Dense)		10	12		0	8 - 10	AQ-AU
							0		
9							0		
							0		MPMW0049 installed in borehole MPSB0363.
		SP-SM Moderate Orange fine SAND, little Silt (Saturated) (Dense)					0		A FID was not used to screen borehole MPSB0363.
10							0		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365975
Easting (NAD 83): 361560
Depth to Watertable (ft bgs): 10.0

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Log of Borehole: MPSB0363

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0363
Project Location: Gibbsboro, NJ
Date Completed: 7/14/2017
Total Depth (ft bgs): 15
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
11		***SM*** Moderate Orange fine SAND, some Silt (Saturated) (Very Loose)					0 0 0		
12							0		
13			5/5				0 0 0		
14		***SM*** Moderate Orange fine SAND, some Silt (Saturated) (Medium Dense)					0 0		
15		End of Borehole							
16									
17									
18									
19									
20									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365975
Easting (NAD 83): 361560
Depth to Watertable (ft bgs): 10.0

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Log of Borehole: MPSB0364

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 15

Borehole Completed As: MPSB0364
Date Completed: 7/18/2017
Geologist/Logger: Michele Capriglione

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		43	5		0	0 - 2	AA-AE
		SM Brownish Gray fine SAND, some Silt (Dry) (Loose)					0		
1							0		
		ML Grayish Brown SILT and fine SAND (Saturated) (Soft)					0		
2				13	4		0	2 - 4	AE-AI
		SM Light Brownish Orange fine SAND, some Silt (Dry) (Loose)	2.5/5				0		
3							0		Odor
		SM Light Grayish Orange fine to medium SAND, some Silt, trace Gravel (Saturated) (Loose)					0		
4				9	3		2.5	4 - 6	AI-AM
							4.7		Black staining
5							3.0		
							4.1		
6				11	4		1.7	6 - 8	AM-AQ
							3.8		
7							0.4		
			4/5				4.8		
8				10	3		3.2	8 - 10	AQ-AU
							2.1		
9							4.9		
		CL Gray CLAY, little fine Sand (Saturated) (Soft)					0.9		Odor
10							0.2		
		CL Grayish Orange CLAY and fine SAND (Saturated) (Soft)					3.0		
11							3.0		
							6.4		
12							7.5		
			4.5/5				4.0		
13							2.2		MPMW0044 installed in borehole MPSB0364.
							2.1		
14							5.7		A FID was not used to screen borehole MPSB0364.
							3.0		
15		End of Borehole							

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365023
Easting (NAD 83): 362088
Depth to Watertable (ft bgs): 3.0

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Log of Borehole: MPSB0365

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 75

Borehole Completed As: MPSB0365
Date Completed: 7/19/2017
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		97	7			0 - 2	AA-AE
1		Soils logged during installation of MPMW0008/MPSB0185 on 4/12/2013. Shallow soil samples were not collected during the 2013 installation activities and were collected on 7/19/17.							
2				10	4			2 - 4	AE-AI
3									
4				12	4			4 - 6	AI-AM
5									
6				9	5			6 - 8	AM-AQ
7									
8				11	4			8 - 10	AQ-AU
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									MPMW0043 installed in borehole MPSB0365. A FID was not used to screen borehole MPSB0365.
20									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365200
Easting (NAD 83): 362080
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0365

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 75

Borehole Completed As: MPSB0365
Date Completed: 7/19/2017
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21									
22									
23									
24									
25		***SM*** Gray fine SAND and SILT, trace Clay (Saturated) (Dense)					1.0		Odor
26							5.1 0.1		
27		***MH*** Grayish Orange fine SAND and SILT, little Clay (Saturated) (Dense)	5/5				0.2 0.1 0.6		Odor
28		***MH*** Orange SILT and CLAY, some fine Sand (Saturated) (Soft)					0.1 0.1		Odor
29				11	4		0 0	29 - 31	CG-CK
30							0.2		
31							0.1 0.1		
32		***MH*** Grayish Gray SILT and CLAY, some fine Sand (Saturated) (Soft)	2.5/5				0.1 0.2		Black streaks
33							0.1 0.1		
34							0.2 0.3		
35		***MH*** Orange SILT and fine SAND, little Clay (Saturated) (Soft)					0.8 4.1		
36							3.2		
37			5/5				4.0 4.8		
38							2.2 1.8		
39		***MH*** Grayish Brown SILT and CLAY, some fine Sand (Saturated) (Soft)					2.3 1.3		
40							0.4 0.1		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365200
Easting (NAD 83): 362080
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0365

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 75

Borehole Completed As: MPSB0365
Date Completed: 7/19/2017
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***ML*** Gray SILT and fine SAND (Saturated) (Dense)	5/5				0.3 1.7 3.0 3.2 2.3 2.8 2.2 0.3 0.2 0.1		
46		***ML*** Gray SILT and fine SAND (Saturated) (Dense)	5/5				0.85 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.1		
51			5/5				0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.3 0.3 0		
56		***SP*** Dark Gray medium to coarse SAND (Saturated) (Very Loose)	3.2/5				0 0 0 0 0 0 0 0 0 0		Micaceous
60		***SC*** Dark Gray medium to coarse SAND, some Clay (Saturated) (Soft) ***SM*** Dark Gray Green fine SAND, some Silt, some Clay (Wet) (Soft)							

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365200
Easting (NAD 83): 362080
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0365

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0365
Project Location: Gibbsboro, NJ
Date Completed: 7/19/2017
Total Depth (ft bgs): 75
Geologist/Logger: Amanda Laskoskie

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61							0		
		CL Medium to Light Gray CLAY, some fine Sand, some Silt (Wet) (Soft)					0		Sand stringers
62							0		
			3.5/5				0		
63							0		
							0		Trace to 10% shells, few lenses of coarse sand and hardpan concentrated at 64.5' and 71.0' BGS.
64		***SM*** Medium to Light Gray fine to medium SAND, little Silt, trace Clay, trace Organics (Wet) (Loose)					0		
							0		
65							0		
							0		
66							0		
							0		
67							0		
			5/5				0		
68							0		
							0		
69				7	4		0	69 - 71	FI-FM
							0		
70							0		
							0		
71							0		
							0		
72							0		
			3/5				0		
73							0		
							0		
74		***MH*** Medium to Light Gray SILT, some fine Sand (Wet) (Very Dense)					0		
							0		
75		End of Borehole							
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Macrocore

Northing (NAD 83): 365200
Easting (NAD 83): 362080
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0366

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0366
Project Location: Gibbsboro, NJ
Date Completed: 7/21/2017
Total Depth (ft bgs): 73
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		23	4		16.3	0 - 2	AA-AE
		SP Light Gray fine to medium SAND, trace Organics (Dry) (Very Loose)					15.1		Odor
1							74.4		
		SP Light Olive Orange fine to medium SAND (Moist) (Loose)					299		
2				9	4		95.5	2 - 4	AE-AI
			2.5/5				192.1		
3							458.9		
							1281		
4				12	4		6340	4 - 6	AI-AM
							6210		
5							1500+		
		SP-SM Light Grayish Brown fine to medium SAND, little Silt (Saturated) (Medium Dense)					4152		
6				10	4		544	6 - 8	AM-AQ
							43.1		
7							50.2		
			3.5/5				100.2		
8				13	4		33	8 - 10	AQ-AU
							9.4		
9							7.7		
							40.8		
10							15.8		
							32		
11							28		
							28.3		
12		***SM*** Light Brownish Orange fine to medium SAND, some Silt (Saturated) (Medium Dense)					58.8		
			5/5				19.3		
13							7.2		
							2.9		
14							2.9		
							6.9		
15							7.8		
		SM Light Gray fine SAND, some Silt (Saturated) (Very Loose)					15.2		
16							13.9		
							6.5		
17							6.1		
			3.5/5				1.1		
18							1.8		
		SM Moderate Brownish Orange fine SAND and SILT (Saturated) (Medium Stiff)					3.1		Location advanced to 65' bgs on 7/21/17 with a Geoprobe. Location returned to on 8/28/17 and advanced to 73' bgs by mud rotary.
19							5.1		
							3.7		
20							9.0		

Drilling Subcontractor: ECDI
Northing (NAD 83): 364912
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362067
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0366

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0366
Project Location: Gibbsboro, NJ
Date Completed: 7/21/2017
Total Depth (ft bgs): 73
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
21							1.5		
							0.8		
							1.5		
22							3.2		
		MH Moderate Brownish Orange SILT, some fine Sand, some Clay (Saturated) (Medium Stiff)	5/5				2.2		
23							3.4		
							0.5		
24							0.6		
							0.3		
25							0.0		
							0.0		
26							0.1		
							0.5		
27							1.7		
			5/5				0.4		
28							0.2		
							0.2		
29							0.0		
							0.0		
30							0.2		
		MH Moderate Brownish Gray SILT, some fine Sand, some Clay (Saturated) (Soft)					2.4		
31							0.8		
							0.7		
32							0.4		
			5/5				0.3		
33							0.9		
							0.7		
34							0.3		
		MH Light Gray SILT, little fine Sand (Saturated) (Medium Dense)					0.3		
35							1.1		
							0.1		
36							2.4		
							0.6		
37							0.3		
			4/5				0.2		
38							0.3		Micaceous
		MH Dark Brown SILT and CLAY (Moist) (Medium Stiff)					0.4		
39							0.5		
							0.3		
40									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364912
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362067
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0366

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 73

Borehole Completed As: MPSB0366
Date Completed: 7/21/2017
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
41		***NC*** No Recovery							
42			0/5						
43									
44							0.0		
45		***MH*** Dark Brown SILT and CLAY, little fine Sand (Wet) (Medium Stiff)					0.0		
46		***CL*** Brown CLAY, some Silt (Moist) (Medium Stiff)					0.0 0.8		
47							0.2		
48			2/5				0.2 0.2		
49		***CH*** Dark Greenish Black CLAY, some Silt (Moist) (Hard)					0.2 0.2		
50							0.1		
51		***CH*** Dark Bluish Green CLAY, some fine Sand, some Silt (Moist) (Hard)					0.3 0.2 5.6		
52							2.8 0.4		
53			5/5				0.9 1.4		
54							0.6 0.2		
55		***CL*** Dark Greenish Brown CLAY and SILT, little fine Sand (Wet) (Soft)					0.0 0.3		
56							0.2 0.2		
57							0.2		
58			4/5				0.2 0.2		
59							0.2 0.2		
60							0.2		

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe/Mud Rotary
Sampling Method: Macrocore/Split Spoon

Northing (NAD 83): 364912
Easting (NAD 83): 362067
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0366

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0366
Project Location: Gibbsboro, NJ
Date Completed: 7/21/2017
Total Depth (ft bgs): 73
Geologist/Logger: Ken Biegert

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
61		No Recovery							
62			0/5						
63									
64									
65		Begin advancing borehole by mud rotary – 65'-71' drilled through							
66									
67									
68			0/6						
69									
70									
71		***CL*** Gray Green to Light Green SILTY CLAY (Wet) (Soft)						71 - 73	FM-FQ
72			2/2						Glauconitic
73		***SP*** Greenish Black fine to medium SAND (Moist) (Loose)							
74		End of Borehole							
75									
76									
77									
78									
79									
80									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364912
Drilling Method: Geoprobe/Mud Rotary
Easting (NAD 83): 362067
Sampling Method: Macrocore/Split Spoon
Depth to Watertable (ft bgs): 5

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Log of Borehole: MPSB0367

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0367
Project Location: Gibbsboro, NJ
Date Completed: 7/26/2017
Total Depth (ft bgs): 136
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
107		Drilled through							
108									
109									
110		***GC*** Blueish Green GRAVEL, some fine Sand, some Clay (Saturated) (Soft)		18			0		Fossils; glauconitic
				27			0		Mica; slight hydrochloric acid reaction
111		***CL*** Very Dark Gray to Black CLAY and fine SAND (Moist) (Very Stiff)	2/2	25			0		
				30			0		
112		Drilled through							
113									
			0/3						
114									
115		***CL*** Dark Green Gray CLAY and fine SAND (Moist) (Medium Stiff)		21			1.5		Sand stringers; glauconitic; fossiliferous; trace mica
				24			0		
116			2/2	30			0		MPSB0367 was overdrilled for the installation of monitoring well MPMW0037.
				40			0		MPSB0367 advanced proximal to MPSB0212. Lithology from 0-109' BGS is characterized as MPSB0212.
117									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365529
Drilling Method: Mud Rotary
Easting (NAD 83): 362088
Sampling Method: Split Spoon
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0367

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0367
Project Location: Gibbsboro, NJ
Date Completed: 7/26/2017
Total Depth (ft bgs): 136
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
118		Drilled through	0/3						
119									
120		***CL*** Dark Greenish Black CLAY and fine SAND (Moist) (Medium Stiff)		30 42			0 0		Glauconitic; trace fossil fragments; vigorous hydrochloric acid reaction; trace mica
121			1.5/2	50			0.5		
122		Drilled through							
123			0/3						
124									
125		***NC*** Not Characterized No Recovery		18 34					
126			0/2	50					
127				30					

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split Spoon

Northing (NAD 83): 365529
Easting (NAD 83): 362088
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0367

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0367
Project Location: Gibbsboro, NJ
Date Completed: 7/26/2017
Total Depth (ft bgs): 136
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
128		***NC*** Not Characterized No Recovery	0/2	44 70					
129		Drilled through							
130									
131			0/5						
132									
133									
134		***SM*** Dark Green Gray to Black fine to coarse SAND, little Silt, little Clay (Saturated) (Loose)		77 60	6	61	0 0	134 - 136	KI-KM Organics as abundant shell fragments
135		***CL*** Dark Green Gray to Black CLAY, some fine to medium Sand, some Organics (Saturated) (Loose)	1.5/2	58 75			0		Organics as trace shell fragments
136		***SM*** Dark Gray fine SAND and SILT (Moist) (Loose) End of Borehole							
137									

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split Spoon

Northing (NAD 83): 365529
Easting (NAD 83): 362088
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0368

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 139

Borehole Completed As: MPSB0368
Date Completed: 7/27/2017
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
107		Drilled through							
108									
109									
110		***SC*** Dark Greenish Gray to Black fine SAND and CLAY (Moist) (Medium Stiff)		23 48			0 0		Moderate reaction to hydrochloric acid; trace fossil fragments; glauconitic sand stringers
111			1/2	45 50			0 0		
112		Drilled through							
113									
114			0/3						
115		***NC*** Not Characterized No Recovery Split spoon refusal at 116.3'		23 40			0 0		
116			0/1.3	50			0		
117		Drilled through							
118									
119									
120							0 0		
121			0/8.7				0 0		
122									
123									
124									
125		***NC*** Not Characterized No Recovery		20 26			0 0		MPSB0368 advanced proximal to MPSB0202. Lithology from 0-109' BGS is characterized as MPSB0202.
126			0/2	27 50			0 0		MPSB0368 was overdrilled for the installation of monitoring well MPMW0036.
127									

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split Spoon

Northing (NAD 83): 364964
Easting (NAD 83): 361530
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0368

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 139

Borehole Completed As: MPSB0368
Date Completed: 7/27/2017
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
128		Drilled through							
129			0/3						
130		***SM*** Dark Greenish Gray fine to medium SAND, some Silt, little Clay (Wet) (Loose) Split spoon refusal at 131'	0.7/1	38 80			0 0		Trace large fossil fragments; moderate response to hydrochloric acid
131									
132		Drilled through							
133			0/4				0		
134							0		
135		***SM*** Olive Green fine to coarse SAND, some Silt (Wet) (Loose) Split spoon refusal at 135.5'	0.3/0.5	100					No hydrochloric acid reaction
136			0/1.5						
137		Drilled through		200	6	4.7	0	137 - 139	KO-KS
138		***SM*** Olive Green fine to coarse SAND, some Silt (Wet) (Loose) Split spoon refusal at 138.5'	0.7/2						No hydrochloric acid reaction
139		End of Borehole							
140									
141									
142									
143									
144									
145									
146									
147									

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split Spoon

Northing (NAD 83): 364964
Easting (NAD 83): 361530
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0369

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 127

Borehole Completed As: MPSB0369
Date Completed: 7/31/2017
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
72		Drilled through							MPSB0369 advanced proximal to MPSB0205. Lithology from 0-75' BGS is characterized as MPSB0205. MPSB0369 was overdrilled for the installation of monitoring well MPMW0037.
73									
74									
75		***SM*** Dark Gray medium to coarse SAND, some Silt, some Clay (Saturated) (Soft)		31 50			0.3 0		
76			0.5/2				0 0		
77		Drilled through					0 0		
78			0/3						
79									
80		***NC*** Not Characterization		19 27					
81			1/2	40 42					
82		Drilled through							
83			0/3						
84									
85		***SM*** Dark Gray medium SAND and SILT		37					Fossiliferous. No recovery; logged from cuttings.
86			0/1.3	39 50					
87		Drilled through							

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split spoon

Northing (NAD 83): 364931
Easting (NAD 83): 361849
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0369

Project: Gibbsboro

Client: The Sherwin-Williams Company
Borehole Completed As: MPSB0369
Project Location: Gibbsboro, NJ
Date Completed: 7/31/2017
Total Depth (ft bgs): 127
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
88			0/3.7						
89									
90				18					No recovery; logged from cuttings.
		SC Dark Gray medium SAND, some Clay, some Silt	0/1.4	38					
91				50					
		Drilled through							
92									
93									
94									
95									
96			0/8.6						
97									
98									
99									
100		***SM*** Dark Grayish Green fine to medium SAND, some Silt, little Clay (Saturated) (Hard)		26	8	9	0	100 - 102	HT-HW Glauconitic; trace fossils
				39			0		Glauconitic; trace fossils
101			1.2/1.75	43			0		
				50			0		
102									

Drilling Subcontractor: ECDI
Northing (NAD 83): 364931
Drilling Method: Mud Rotary
Easting (NAD 83): 361849
Sampling Method: Split spoon
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0369

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 127

Borehole Completed As: MPSB0369
Date Completed: 7/31/2017
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
103		***SC*** Dark Grayish Green fine to medium SAND, some Clay, little Silt (Moist) (Stiff)	0/3.25						
104		Drilled through							
105		No Recovery		15 20					
106			0/2	25 30					
107		Drilled through							
108			0/3						
109									
110		***SC*** Dark Gray fine to coarse SAND, some Clay (Wet) (Medium Stiff)		19 25					10% Fossils. No recovery; logged from cuttings.
111			0/2	30 50					
112		Drilled through							
113			0/3						
114									
115		***CH*** Dark Gray fine to medium SAND and CLAY, some Silt (Wet) (Medium Stiff)		20 25					10% Fossils. No recovery; logged from cuttings.
116			0/2	35 40					
117									

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split spoon

Northing (NAD 83): 364931
Easting (NAD 83): 361849
Depth to Watertable (ft bgs): NR

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Log of Borehole: MPSB0369

Project: Gibbsboro

Client: The Sherwin-Williams Company
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 127

Borehole Completed As: MPSB0369
Date Completed: 7/31/2017
Geologist/Logger: Paul Landry

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	Blowcount	XRF Pb (ppm)	XRF As (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
118		Drilled through	0/3						
119									
120		***CL*** Dark Gray CLAY, some fine to coarse Sand, little Silt (Wet) (Medium Stiff)		16 25	7	22	0 0	120 - 122	JG-JK 10% Fossils.
121			2/2	32 26			0 0		
122		Drilled through							
123			0/3						
124									
125		No Recovery Split sppon refusal 125.75'	0/0.75	36 50					
126		Drilled through	0/1.25						
127		End of Borehole							
128									
129									
130									
131									
132									

Drilling Subcontractor: ECDI
Drilling Method: Mud Rotary
Sampling Method: Split spoon

Northing (NAD 83): 364931
Easting (NAD 83): 361849
Depth to Watertable (ft bgs): NR

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Log of Borehole: PWSB0014

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: PWSB0014

Project Location: Gibbsboro, NJ

Date Completed: 10/09/2006

Total Depth (ft bgs): 8

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
4					4.5 - 5	AJ-AK
6					6 - 6.5	AM-AN
7					7.5 - 8	AP-AQ

Drilling Subcontractor: Weston

Northing (NAD 83): 365379.366

Drilling Method: Backhoe

Easting (NAD 83): 361831.891

Sampling Method: Trowel

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0016

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 12

Borehole Completed As: PWSB0016

Date Completed: 2/26/2007

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***Interval 1*** Dark Brown coarse to medium SAND (Moist) (Loose)	3/3			
2		***Interval 2*** Light Grayish Brown fine SAND, some Silt (Moist) (Loose)				
3						
4			3/3			
5		***Interval 3*** Brownish Orange coarse to medium SAND (Moist) (Loose) stained product				
6						
7			3/3			
8						
9						
10			3/3			
11		***Interval 4*** Grayish Brown fine SAND, little Silt (Wet) (Loose) product stain		730	11.5 - 12	AX-AY
12		End of Borehole				
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Trowel

Northing (NAD 83): 365718.661

Easting (NAD 83): 362171.763

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0018

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs):

Borehole Completed As: PWSB0018

Date Completed: 2/26/2007

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***Interval 1*** Brown medium to fine SAND (Dry) (Loose)				
2		***Interval 2*** Dark Brown SAND, and Silt (Moist) (Loose) brick				
3						
4				660	4 - 4.5	AI-AJ
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Trowel

Northing (NAD 83): 365686.785

Easting (NAD 83): 361877.769

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0019

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: PWSB0019

Project Location: Gibbsboro, NJ

Date Completed: 2/28/2007

Total Depth (ft bgs):

Geologist/Logger: Michele Lortz

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***Interval 1*** Brownish Yellow coarse to fine SAND, little Silt (Moist) (Loose)				
2						
3						
4						
5					4.5 - 5	AJ-AK
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Northing (NAD 83): 365609.104

Drilling Method: Geoprobe

Easting (NAD 83): 362161.439

Sampling Method: Trowel

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0022

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 10

Borehole Completed As: PWSB0022

Date Completed: 5/2/2007

Geologist/Logger: Gil Mello

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***Interval 1*** Light Brown coarse to fine SAND, some Silt (Moist) (Loose)	1.5/3		2.5 - 3	AF-AG
3		***Interval 2*** Light Brown coarse to fine SAND, little Silt + Clay, trace Gravel (Moist) (Loose)	1.5/3			
6		***Interval 3*** Grayish Brown medium to fine SAND, some Silt + Clay (Moist) (Loose)	1/3			
9		***Interval 4*** Light Brownish Gray coarse to fine SAND, little Silt + Clay (Wet) (Loose)	1/3			
10		End of Borehole				
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: ECDI

Drilling Method: Geoprobe

Sampling Method: Trowel

Northing (NAD 83): 366121.011

Easting (NAD 83): 361906.388

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0023

Project: Gibbsboro

Client: Sherwin Williams

Project Location: Gibbsboro, NJ

Total Depth (ft bgs): 12

Borehole Completed As: PWSB0023

Date Completed: 4/22/2008

Geologist/Logger: Gil Mello

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
1		***SP*** Orange course SAND (Moist) ()				
2		***SM*** Dark Brown course SAND and SILT, some Gravel (Moist) ()				
3						
4		***SM*** Greenish Brown fine SAND and SILT (Moist) ()			3.5 - 4	AH-AI
5						
6						
7						
8						
9						
10						
11						
12		End of Borehole				
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Drilling Subcontractor: NA

Drilling Method: Geoprobe

Sampling Method: Macrocore

Northing (NAD 83): 366133.076

Easting (NAD 83): 361922.05

Depth to Watertable (ft bgs): Undetermined

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Log of Borehole: PWSB0024

Project: Gibbsboro

Client: Sherwin Williams

Borehole Completed As: PWSB0024

Project Location: Gibbsboro, NJ

Date Completed: NA

Total Depth (ft bgs):

Geologist/Logger:

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				A borehole log for PWSB0024 was not completed.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Drilling Subcontractor:

Drilling Method:

Sampling Method:

Northing (NAD 83): 0

Easting (NAD 83): 0

Depth to Watertable (ft bgs):

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Log of Borehole: PWSB0028

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 6

Borehole Completed As: PWSB0028
Date Completed: 5/13/2008
Geologist/Logger: Ray Jicha

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
		SM Greyish Brown fine to medium SAND, little Organics, trace Silt (Moist) ()			0-1	AA-AC
1		***SP*** Brown fine to medium SAND, trace Gravel (Moist) ()			1-2	AC-AE
2		***SP*** Dark Gray fine to medium SAND, trace Gravel, trace Silt (Moist) ()			2-3	AE-AG
3		***SM*** Brown fine to medium SAND, little Silt (Moist) ()			3-4	AG-AI
4		***SP*** Dark Gray fine to medium SAND, trace Silt (Moist) ()			4-5	AI-AK
5		***SM*** Light Greyish Brown fine to medium SAND, little Silt (Wet) ()			5-6	AK-AM
6		End of Borehole				
7						
8						
9						
10						

Drilling Subcontractor: NA
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365605.64
Easting (NAD 83): 361919.572
Depth to Watertable (ft bgs): 5

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Log of Borehole: PWSB0029

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 6

Borehole Completed As: PWSB0029
Date Completed: 5/13/2008
Geologist/Logger: Ray Jicha

SUBSURFACE PROFILE			SAMPLE			
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface				
0		***SM*** Brown fine to medium SAND, little Organics, little Silt (Moist) ()			0 - 1	AA-AC
1		***SM*** Brown fine to medium SAND, little Silt, trace Organics (Moist) ()			1 - 2	AC-AE
2		***SP*** Gray fine to medium SAND, trace Silt (Moist) ()			2 - 3	AE-AG
3		***SP*** Light Greyish Brown fine to medium SAND, trace Silt (Moist) ()			3 - 4	AG-AI
4		***SP*** Light Brownish Gray fine to medium SAND, trace Silt (Moist) ()			4 - 5	AI-AK
5		***SM*** Light Brown fine to medium SAND, some Silt (Wet) ()			5 - 6	AK-AM
6		End of Borehole				
7						
8						
9						
10						

Drilling Subcontractor: NA
Drilling Method: Bucket Auger
Sampling Method: Trowel

Northing (NAD 83): 365609.627
Easting (NAD 83): 361917.331
Depth to Watertable (ft bgs): 5

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Log of Borehole: RSSB0165

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0165
Date Completed: 11/17/2010
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Brownish Black fine to medium SAND, some Organics (Moist)		277	26		0	0 - 0.5	AA-AB
1		***SW*** Gray fine to course SAND, some Gravel (Saturated)							
				5	4		0	1.5 - 2	AD-AE
2			3/4						
		SP-SM Brown fine to course SAND, little Silt (Saturated)							
3									
4		End of Borehole							A FID was not used to screen borehole RSSB0165.
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365422.696
Easting (NAD 83): 361282.026
Depth to Watertable (ft bgs): 1

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Log of Borehole: RSSB0166

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0166
Date Completed: 11/17/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brown fine to course SAND, little Organics (Dry)		203	14		0	0 - 0.5	AA-AB
1		***SW*** White GRAVEL and course SAND (Saturated)							
		SP-SM Dark Brown fine to medium SAND, little Silt (Saturated)		5	4		0	1.5 - 2	AD-AE
2			3/4						
3									
		SM Greyish Brown fine to medium SAND, some Silt (Saturated)							A FID was not used to screen borehole RSSB0166.
4		End of Borehole							
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365407.983
Easting (NAD 83): 361272.556
Depth to Watertable (ft bgs): Not Encountered/>4

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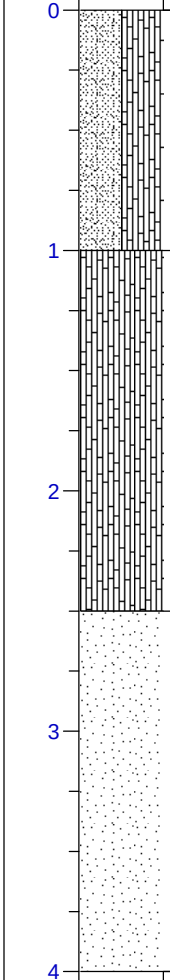
Log of Borehole: RSSB0169

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0169
Date Completed: 11/17/2010
Geologist/Logger: Aaron Mroz



SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brown fine to course SAND, little Organics (Moist)		84	7		0	0 - 0.5	AA-AB
1		***SM*** Dark Brown fine to medium SAND, some Organics, little Silt (Saturated)		1594	47		0	1.5 - 2	AD-AE
2			2.5/4						
		SW Dark Gray fine to course SAND, little Gravel (Saturated)		5	4		0	2.5 - 3	AF-AG
3									
4		End of Borehole							A FID was not used to screen borehole RSSB0169.
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365443.332
Easting (NAD 83): 361296.218
Depth to Watertable (ft bgs): Not Encountered/>4

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Log of Borehole: RSSB0210

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: RSSB0210
Project Location: Gibbsboro, NJ
Date Completed: 11/22/2010
Total Depth (ft bgs): 4
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface		91	8		0	0 - 0.5	AA-AB
		SP-SM Dark Brown fine to course SAND, little Organics (Dry) Trace ash and garbage							
1									
				446	17		0	1.5 - 2	AD-AE (HDR Split Sample)
2			2.5/4						
		SP Greyish Brown fine to course SAND (Dry)							
				62			0	2.5 - 3	AF-AG
3									
									A FID was not used to screen borehole MPSB0210.
4		End of Borehole							
5									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365535.565
Drilling Method: Geoprobe
Easting (NAD 83): 361347.981
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>4

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Log of Borehole: RSSB0211

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0211
Date Completed: 11/22/2010
Geologist/Logger: Julissa Morales

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brown fine to course SAND, little Organics (Dry)		239	14			0 - 0.5	AA-AB
1									
				94	8			1.5 - 2	AD-AE
		SP Greyish Brown fine to course SAND (Dry)	2.5/4						
2									
3									
									A FID was not used to screen borehole MPSB0211.
4		End of Borehole							
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365549.855
Easting (NAD 83): 361357.557
Depth to Watertable (ft bgs): Not Encountered/>4

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205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: RSSB0212

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0212
Date Completed: 11/22/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP Dark Brown fine to course SAND (Dry) trace ash		126	10			0 - 0.5	AA-AB
1									
				205	12			1.5 - 2	AD-AE
2			2/4						
3									
		SP Dark Greyish Brown fine to course SAND (Dry)							A FID was not used to screen borehole RSSB0212.
4		End of Borehole							
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365517.92
Easting (NAD 83): 361338.032
Depth to Watertable (ft bgs): Not Encountered/>4

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Fax: (732) 417-5801

Log of Borehole: RSSB0237

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: RSSB0237
Project Location: Gibbsboro, NJ
Date Completed: 11/29/2010
Total Depth (ft bgs): 4
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Dark Brown fine to course SAND, little Organics (Dry)		49	7		0	0 - 0.5	AA-AB
1		***SP*** Greyish Brown fine to course SAND (Moist)							
		SP Yellowish Brown fine to course SAND (Saturated)		8	4		0	1.5 - 2	AD-AE
2			2/4						
3									
4									A FID was not used to screen borehole RSSB0237.
		End of Borehole							
5									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365285.78
Drilling Method: Geoprobe
Easting (NAD 83): 361196.319
Sampling Method: Trowel
Depth to Watertable (ft bgs): 1.5

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Fax: (732) 417-5801

Log of Borehole: RSSB0248

Project: Gibbsboro

Client: Sherwin Williams
Borehole Completed As: RSSB0248
Project Location: Gibbsboro, NJ
Date Completed: 11/30/2010
Total Depth (ft bgs): 4
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SP-SM Brown fine to course SAND, little Organics (Dry)		77	8		0	0 - 0.5	AA-AB
1		***SP*** Yellowish Brown fine to course SAND (Dry)							
		SP Brown fine to medium SAND (Moist)		7	4		0	1.5 - 2	AD-AE
2		***SP*** Yellowish Brown fine to course SAND (Saturated)	2.5/4						
3									
4		End of Borehole							A FID was not used to screen borehole MPSB0248.
5									

Drilling Subcontractor: ECDI
Northing (NAD 83): 365226.548
Drilling Method: Geoprobe
Easting (NAD 83): 361137.376
Sampling Method: Trowel
Depth to Watertable (ft bgs): Not Encountered/>4

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: RSSB0259

Project: Gibbsboro

Client: Sherwin Williams
Project Location: Gibbsboro, NJ
Total Depth (ft bgs): 4

Borehole Completed As: RSSB0259
Date Completed: 11/30/2010
Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
		SM Dark Brown fine to course SAND, some Organics (Dry)		664	42		0	0 - 0.5	AA-AB
1		***SP*** Yellowish Brown fine to course SAND (Moist)							
		SP Dark Brown fine to course SAND (Moist)		6	4		0	1.5 - 2	AD-AE
2		***SW*** Greyish Brown fine to course SAND (Wet)	2.5/4						
3									
4		End of Borehole							A FID was not used to screen borehole RSSB0259.
5									

Drilling Subcontractor: ECDI
Drilling Method: Geoprobe
Sampling Method: Trowel

Northing (NAD 83): 365266.076
Easting (NAD 83): 361066.802
Depth to Watertable (ft bgs): Not Encountered/>4

205 Campus Drive
Edison, NJ 08837
Phone: (732) 417-5800
Fax: (732) 417-5801

Log of Borehole: SLSB0001

Project: Former Manufacturing Plant

Client: Sherwin Williams

Borehole Completed As: SLSB0001

Project Location: Gibbsboro, NJ

Date Completed: 12/15/2009

Total Depth (ft bgs): 3.0

Geologist/Logger: Aaron Mroz

SUBSURFACE PROFILE			SAMPLE						
Depth (ft bgs)	Symbol (USCS)	Description USCS Burmister	Recovery (ft)	XRF Pb (ppm)	XRF As (ppm)	FID (ppm)	PID/OVM (ppm)	Analytical Sample	Comments
0		Ground Surface							
0		***SP*** Light Brown fine to coarse SAND, little Gravel	1/1	10	6			0 - 0.5	AA-AB
1			1/1	21	7			1.5 - 2	AD-AE
2		***SP*** Brown fine to coarse SAND, little Gravel moist	1/1	8	5			2.5 - 3	AF-AG
3		End of Borehole							
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Drilling Subcontractor: ECDI

Northing (NAD 83): 366388.989

Drilling Method: Hand Auger

Easting (NAD 83): 362505.744

Sampling Method: Trowel

Depth to Watertable (ft bgs): Not Encountered

SmartData Solutions®

Subsurface Characterization Using Laser Induced Fluorescence (LIF), Membrane Interface Probe (MIP) and Soil Conductivity (SC) Technologies Sherwin-Williams Former Manufacturing Plant 1 Foster Ave Gibbsboro, New Jersey

PREPARED FOR

Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837

September 7, 2012

PREPARED BY

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TABLE OF CONTENTS

Page

Introduction..... 3
Objectives..... 3
LIF/UVOST® Equipment Description 3
LIF/UVOST® System Performance Test 4
MIP/SC Equipment Description..... 5
MIP System Performance Test 6
Investigation Methods 7
LIF/UVOST® Log Interpretation..... 7
MIP/SC Log Interpretation 8
Correlating LIF/UVOST® or MIP Results to Sampling or Laboratory Analyses..... 8

APPENDICES

Appendix A: LIF/UVOST® Logs

Appendix B: MIP Logs (Individual Scale)

Appendix C: MIP Logs (Collective Scale)

Appendix D: MIP07 and MIP08 Overlay

Appendix E: UVOST Response to Various Random Products Saturated on Wet Sand

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Introduction

Weston Solutions, Inc. (Weston) contracted **COLUMBIA Technologies, LLC (COLUMBIA)** to conduct an investigation of subsurface contamination at the Sherwin-Williams Former Manufacturing Plant site, located in Gibbsboro, New Jersey This investigation involved delineating the depth and horizontal extent of free product and residual petroleum contamination using Laser Induced Fluorescence/Ultraviolet Optical Screening Tool (LIF/UVOST®) technology, delineating the total volatile organic compound (VOC) contamination, including dissolved phase, vapor phase and sorbed phase using Membrane Interface Probe (MIP) technology, and characterizing soil electrical conductivity using Soil Conductivity (SC) technology.

The investigation was conducted August 27th, 2012 through August 30th, 2012, and consisted of eight LIF/UVOST® screening locations and seven MIP/SC screening locations (including one offset at location MIP06A) to depths ranging from 15 feet to 82 feet below ground surface (bgs). A Geoprobe® Direct Push Technology (DPT) drilling rig was used to advance the locations.

Objectives

The objectives of this LIF/UVOST® and MIP/SC investigation were to:

- Delineate in high resolution the vertical and horizontal extent of residual and free product petroleum based contamination in the investigation area.
- Delineate in high resolution the vertical and horizontal extent of the total VOC contamination distribution, including dissolved phase, vapor phase and sorbed phase, throughout the investigation area as well as detailed information concerning soil electrical conductivity properties.

LIF/UVOST® Equipment Description

The LIF system utilized for this investigation is the latest generation UVOST® system developed by Dakota Technologies, Inc (DTI). The LIF/UVOST® system consists of an Excimer laser, two fiber optic cables that are pre-strung through the DPT rods, an optical detection system, a SONY Toughbook™ laptop computer, and Shock Prevention Optical Cavity (SPOC). The SPOC consists of a sapphire window and a parabolic mirror, as well as a shock absorbing gel that allows the SPOC to maintain mirror alignment under the duress of percussion during advancement.

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LIF/UVOST® screening was performed by pushing/hammering the SPOC into the soil at the target rate of two cm/sec (0.8 inches per second). As the probe advanced, the excimer laser generates energy in the form of photons (308nm). This energy is transferred through one of the fiber optic cables at a rate of 50 pulses per second to the optical cavity where the parabolic mirror reflects the energy through the sapphire window. Any polycyclic aromatic hydrocarbons (PAHs) that are in contact with the sapphire window then absorb this photon energy. These PAHs then emit fluorescence in order to return to their base state. A portion of this fluorescence is carried back to the optical detection system via the second fiber optic.

Once at the surface, the emitted fluorescence is measured and recorded across four specific wavelengths – 350, 400, 450, and 500 nanometers (nm). These wavelengths represent a common range of fluorescence associated with PAHs. Typically the lighter fuels (jet fuel and gasoline) emit fluorescence at the shorter wavelengths – 350nm and 400nm, while heavier, less distilled compounds such as bunker fuel or diesel fuel emit fluorescence at the longer wavelengths – 450nm and 500nm. As the test proceeds, the total monitored fluorescence is recorded and displayed in real-time at one second intervals as a function of depth on the LIF/UVOST® system computer. In addition, the intensity and duration of the fluorescence at each of the four monitored wavelengths are recorded and presented in real time at one second intervals as a separate graph on the LIF/UVOST® system computer.

LIF/UVOST® System Performance Test

As a quality control check, the LIF/UVOST® system response is evaluated prior to and upon completion of each LIF/UVOST® screening location. This evaluation is completed using a Reference Emitter (RE) that consists of a blend of Non-Aqueous Phase Liquid (NAPL) and produces a consistent fluorescence response over the four wavelengths monitored by the LIF/UVOST® system. Collected data is then presented as a percentage of the RE. Using the same RE at each location and site, allows normalization of data collected over several locations, sites, or screening events. The RE standard is provided by DTI, and is the same for all LIF/UVOST® systems currently in operation.

In addition to obtaining a baseline RE for each location, the background reading of the LIF/UVOST® system is electronically recorded prior to insertion into the soil. This background reading is required to be below 0.5% of RE prior to the start of any testing. The background during

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tool advancement typically stays at or below the surface background reading – giving confidence that any increases in fluoresce are "true" readings and not fluctuations or variations in background.

MIP/SC Equipment Description

The MIP/SC probe is approximately 12-inches (30 cm) in length and 1.5-inches (3.8 cm) in diameter. The probe is driven into the ground at the nominal rate of one foot per minute using a DPT rig.

Soil conductivity, the inverse of soil resistivity, is measured using a dipole arrangement. In this process, an alternating electrical current is transmitted through the soil from the center, isolated pin of the probe. This current is then passed back to the probe body. The voltage response of the imposed current to the soil is measured across these same two points. Conductivity is measured in Siemens/meter, and due to the low conductivity of earth materials, the SC probe uses milliSiemens/meter (mS/m). The probe is reasonably accurate in the range of 5 to 400 mS/m. In general, at a given location, lower conductivity values are generally characteristic of larger particles such as sands, while higher conductivities are characteristic of finer sized particles such as silts and clays.

The MIP portion of the probe was developed and patented by Geoprobe Systems, Inc. The operating principle is based on heating the soil and/or water around a semi-permeable polymer membrane to 121ºC, which allows VOCs to partition across this membrane. The MIP can be used in saturated or unsaturated soils, as water does not pass through the membrane. Nitrogen is used as an inert carrier gas, and travels from a surface supply down a transfer tubing which sweeps across the back of the membrane and returns any captured VOCs to the installed detectors at the surface. It takes approximately 37 seconds for the nitrogen gas stream to travel through 100 feet of inert tubing and reach the detectors.

COLUMBIA utilizes three detectors: a Photo Ionization Detector (PID), a Flame Ionization Detector (FID) and an Electron Capture Detector (ECD), mounted on a laboratory grade Shimadzu Model 14A gas chromatograph. The output signal from the detectors is captured by a MIP data logging system installed on a MIP Field Computer or laptop computer. Conductivity, speed, detector data and temperature are displayed continuously in real time during each push of the probe.

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The PID detector consists of a special UV lamp mounted on a thermostatically controlled, low volume, flow-through cell. The temperature is adjustable from ambient temperature to 250ºC. The 10.2 electron volt (eV) UV lamp emits energy at a wavelength of 120 nanometers, which is sufficient to ionize most aromatics (benzene, toluene, xylene, etc.) and many other molecules (e.g. H_2S, hexane, ethanol) whose ionization potential is below 10.2 eV. The PID also emits a lower response for chlorinated compounds such as TCE and PCE. Methanol and water, which have ionization potentials greater than 10.2 eV, do not respond on the PID. Detection limits for aromatics are in the low picogram range at the detector. Since the PID is non-destructive, it is often run first in series with other detectors for multiple analyses from a single injection. Use of the PID is mandated in several EPA methods (8021, TO-14 etc.) because of its sensitivity and selectivity.

The most commonly used GC detector is the FID, which responds linearly over several orders of magnitude from its minimum detectable quantity of about 100 picograms. The FID response is very stable from day to day. This detector responds to any molecule with a carbon-hydrogen bond, but poorly to compounds such as H_2S, CCl_4, or NH_3. The carrier gas effluent from the GC column is mixed with hydrogen and burned. Hydrogen supports a flame and ionizes the analyte molecules. A collector electrode attracts the negative ions to the electrometer amplifier, producing an analog signal, which is directed to the data system input.

The ECD detector consists of a sealed stainless steel cylinder containing radioactive Nickel-63. The Nickel-63 emits beta particles (electrons), which collide with the carrier gas molecules, ionizing them in the process. This forms a stable cloud of free electrons in the ECD cell. When electro-negative compounds (especially chlorinated, fluorinated or brominated molecules) such as carbon tetrachloride or TCE enter the cell, they immediately combine with the free electrons, temporarily reducing the number remaining in the electron cloud. The detector electronics, which maintain a constant current of about 1 nanoampere through the electron cloud, are forced to pulse at a faster rate to compensate for the decreased number of free electrons. The pulse rate is converted to an analog output, which is transmitted to the data system.

MIP System Performance Test

As a quality control check, the MIP system response is evaluated prior to and upon completion of each MIP location. An aqueous phase performance test is performed using specific

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compounds designed to evaluate the sensitivity of the particular probe, transfer line and detector suite to be used. The resulting values are recorded and compared to predetermined values.

Investigation Methods

A total of eight LIF/UVOST® locations and seven MIP/SC locations were completed at the Sherwin-Williams Former Manufacturing Plant site. Each location was selected by Weston's representative onsite, and the termination depth of each location was also determined by Weston's representative onsite. Immediately upon completion of each location, the dataset is wirelessly delivered to **COLUMBIA's** remote servers for Quality Assurance/Quality Control (QA/QC) review and upload to a password secure website using Columbia's patented ***SmartData Solutions***® technology. The results from each location are shown in Appendices A through D.

LIF/UVOST® Log Interpretation

There are three primary characteristics of fluorescence that are considered when interpreting LIF/UVOST® data. These characteristics are:

1. Fluorescence intensity - how brightly does the compound fluoresce,
2. Wavelength - what color does the compound fluoresce at, and
3. Duration - how long does the compound fluoresce at each monitored wavelength

Individual LIF/UVOST® logs consist of a primary graph of total fluorescence versus depth, an information box and up to five waveform "callouts". In the primary fluorescence graph, depth is plotted on the Y axis and the combined total fluorescence intensity of the four monitored wavelengths is plotted on the X axis. Total fluorescence intensity is presented as a percentage of the RE standard. Since various PAHs fluoresce at differing intensities, there are several compounds that fluoresce brighter than the RE standard, and therefore the total RE can exceed 100%. Total fluorescence intensity is typically proportional to concentration and responds linearly as concentration increases.

Waveform callouts are presented along the left-hand side of the primary graph. These callouts present the fluoresce intensity of each of the monitored wavelengths on the Y axis (in microvolts (uV)) and the duration of fluorescence of each wavelength on the X axis. No scale is given along the X axis, however; it is a consistent 320 nanoseconds wide. The four peaks are

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due to the fluorescence at the four monitored wavelengths – called channels. Each channel is assigned a color. Various NAPLs will have a unique waveform signature based on the relative amplitude of the four channels and/or the broadening of one or more of the channels. Callouts are selected by the operator and typically correspond to peaks on the primary graph.

The fill color of the response on the primary graph is based on the relative contribution of each of the four channels' area versus the total waveform area. This allows the viewer to discern different substances at different depths based on the fill color.

See Appendix E: UVOST Response to Various Random Products Saturated on Wet Sand for the expected wavelength signature for common compounds.

MIP/SC Log Interpretation

Each MIP/SC log includes six separate graphs of data. The first graph displays the temperature of the probe as it is advanced in the subsurface. This graph can be useful to determine where groundwater is encountered. The next three graphs are measures of chemical detector response: ECD, FID, and PID, measured in uV. These graphs are a linear scale, and give relative concentrations of contamination. The fifth graph is the rate of penetration (speed of the probe) and is measured in feet/min. This information can be used to determine how resistant the subsurface is to the direct push and/or percussion. The last graph is soil electrical conductivity and is measured in mS/m. In general, lower conductivities are indicative of coarser grained particles, such as sands and silty sands, and higher conductivities are indicative of finer grained particles, such as clays and silty clays.

Correlating LIF/UVOST® or MIP Results to Sampling or Laboratory Analyses

Generalized correlation between LIF/UVOST® or MIP response and laboratory sample results can be inferred, but cannot be viewed as a linear comparison. LIF/UVOST® or MIP response and laboratory results are collected, analyzed and reported in different units and by different procedures, so correlation is not an exact one-to-one comparison. The LIF/UVOST® uses a process whereas a 2D soil surface is exposed to excitation light, and any fluorescent light emitted is analyzed at the ground surface. The MIP process uses a membrane extraction process from a heated zone of varying subsurface matrix of soil, water, and/or vapor. Soil and groundwater results involve the collection of a sample, extraction of sub-sample at the surface,

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and then transporting them to a laboratory for further extraction and analysis. These processes are different by definition.

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APPENDIX A

LIF/UVOST® Logs

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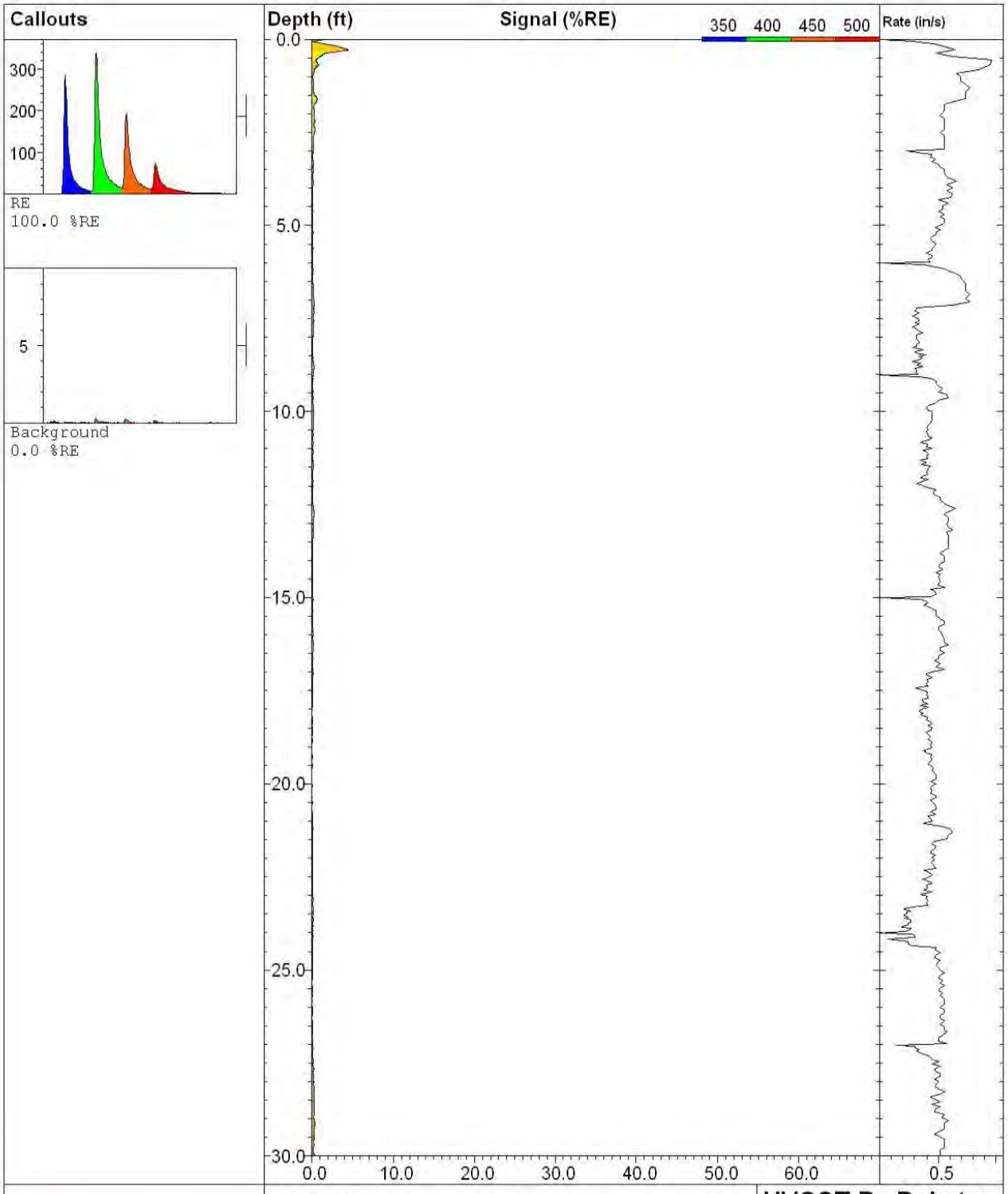

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Baltimore, MD 888-344-2704
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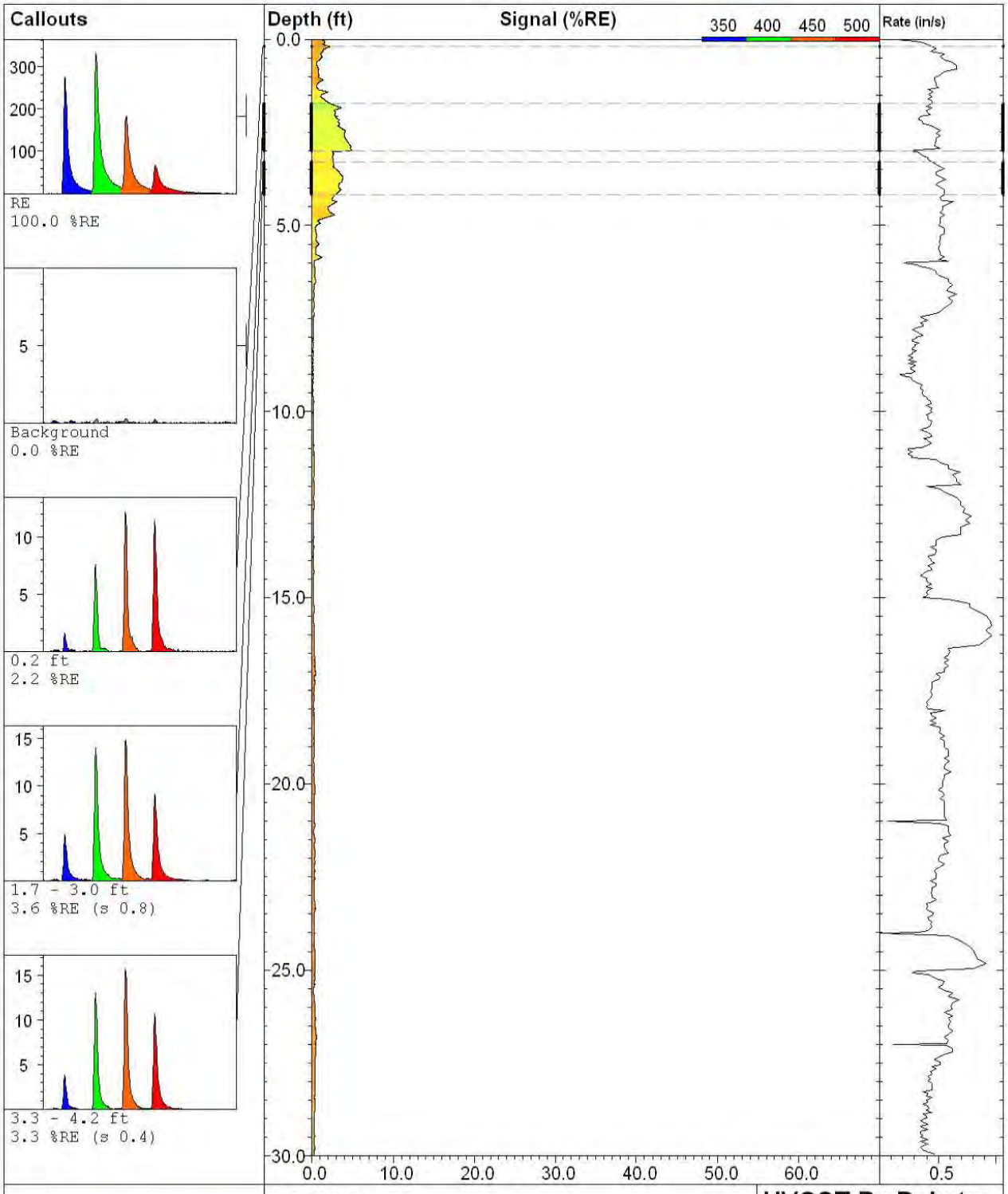
LIF-01

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibsbor**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.00 ft**
Client: **Weston Solutions**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **4.6 % @ 0.29 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-27 09:03 EDT**



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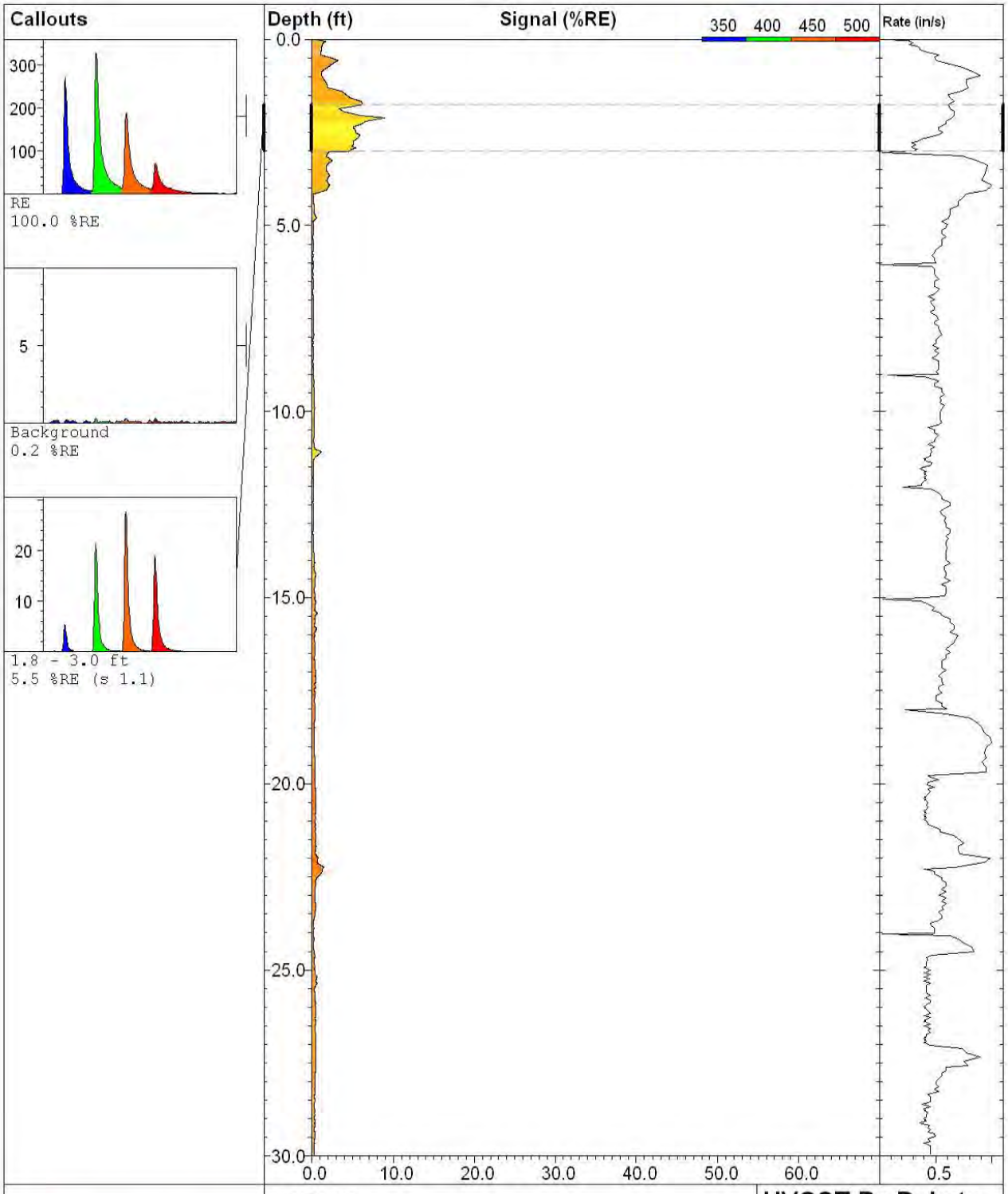
LIF-02

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibsbor**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.00 ft**
Client: **Weston Solutions**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **5.0 % @ 2.99 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-27 10:02 EDT**



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LIF-03

UVOST By Dakota
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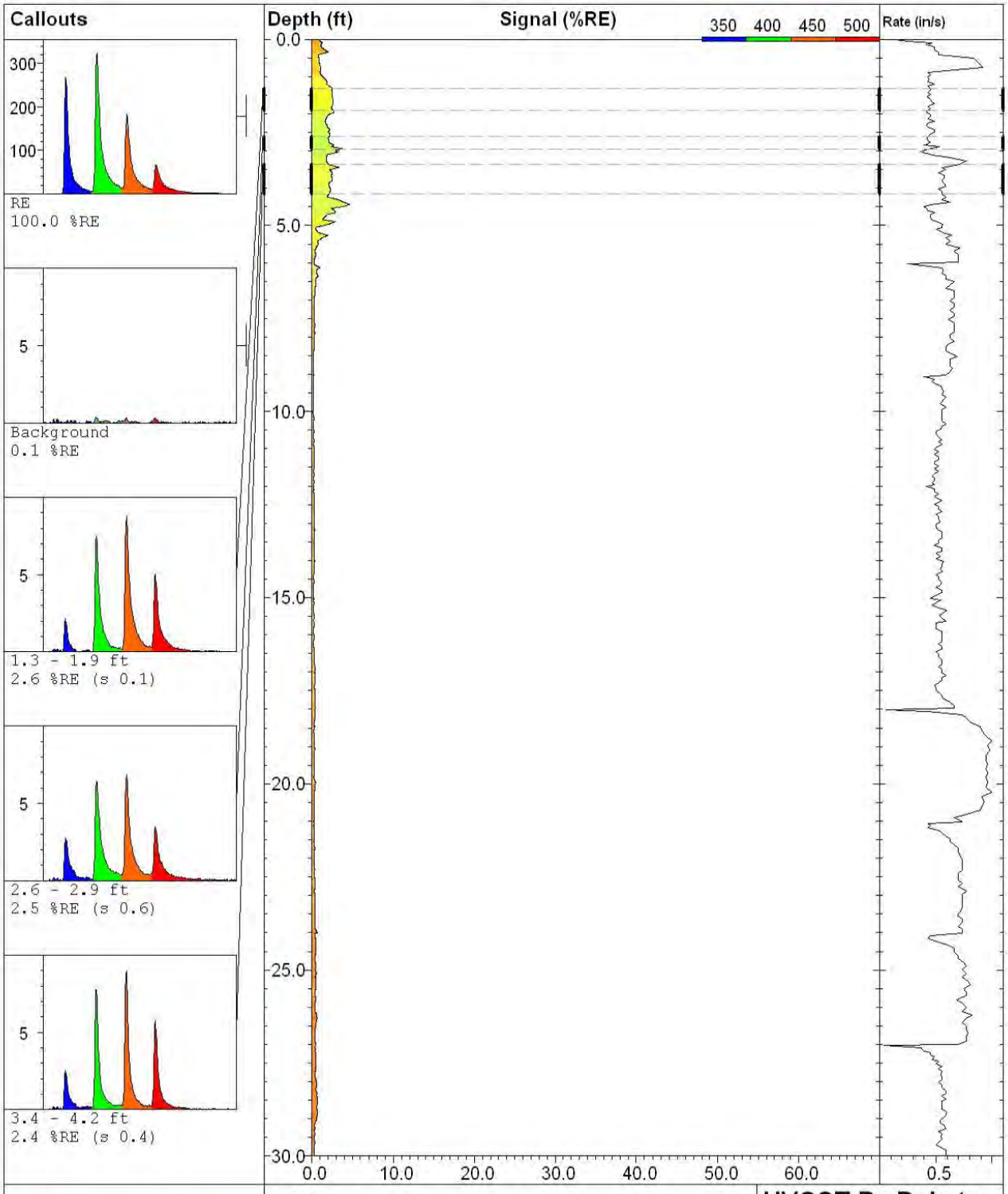
Site: **Sherwin Williams Gibsbor**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.04 ft**
Client: **Weston Solutions**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **8.9 % @ 2.11 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-27 11:28 EDT**



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LIF-04

UVOST By Dakota
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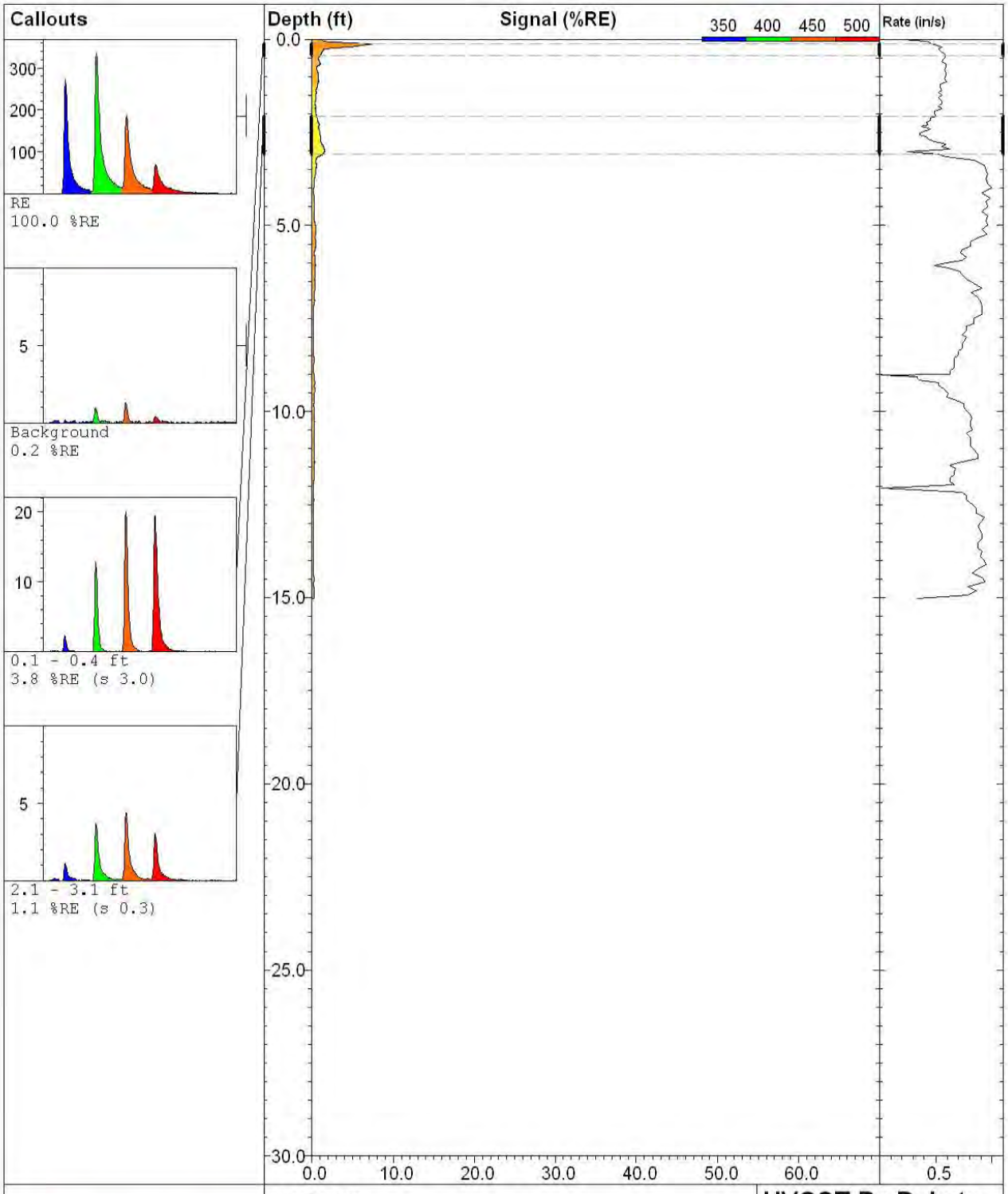
Site: **Sherwin Williams Gibbsb**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.05 ft**
Client: **Weston Solutons**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **4.7 % @ 4.44 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-28 08:40 EDT**



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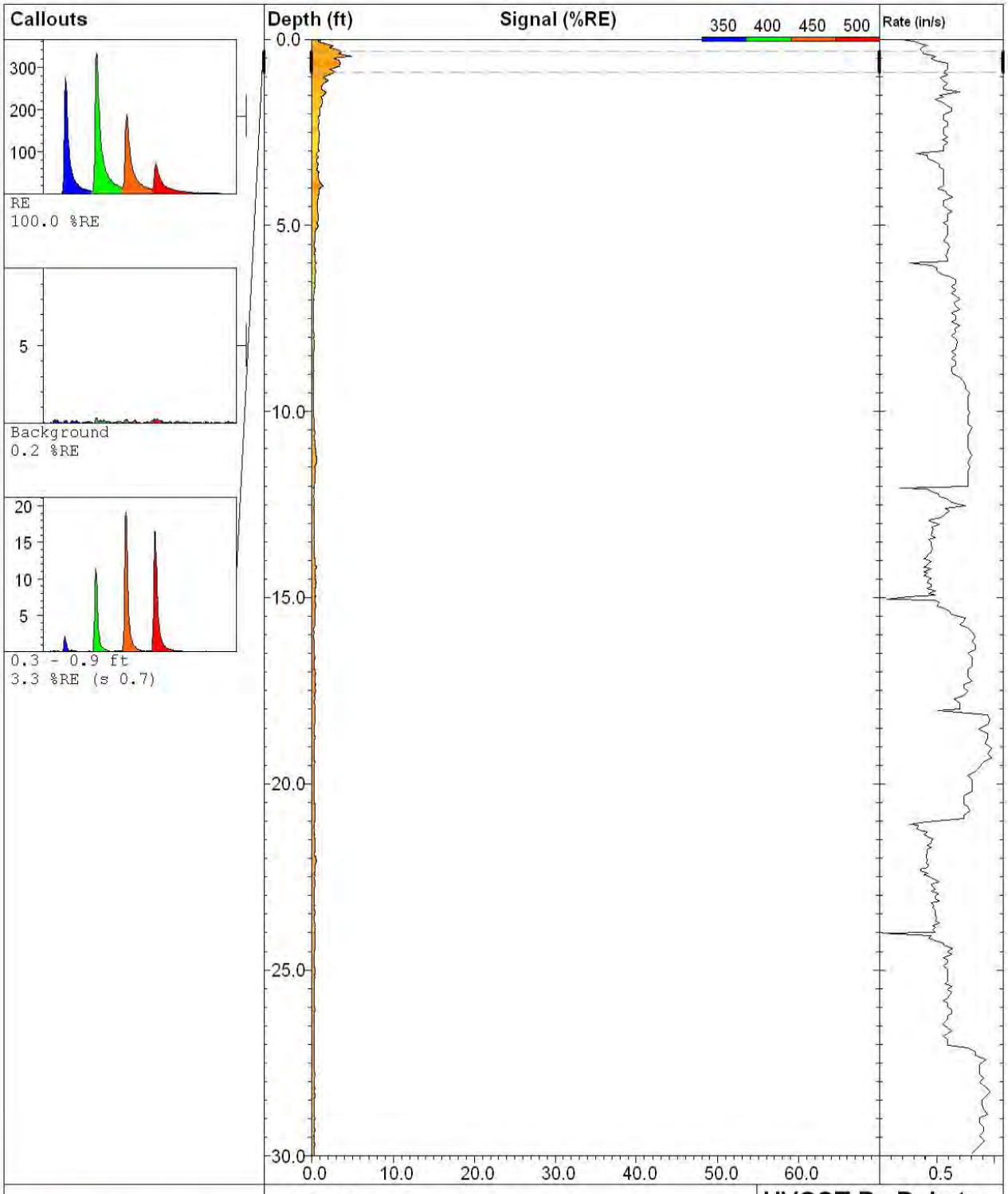
LIF-05

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibbsb**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **15.02 ft**
Client: **Weston Solutons**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **7.4 % @ 0.13 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-28 10:36 EDT**



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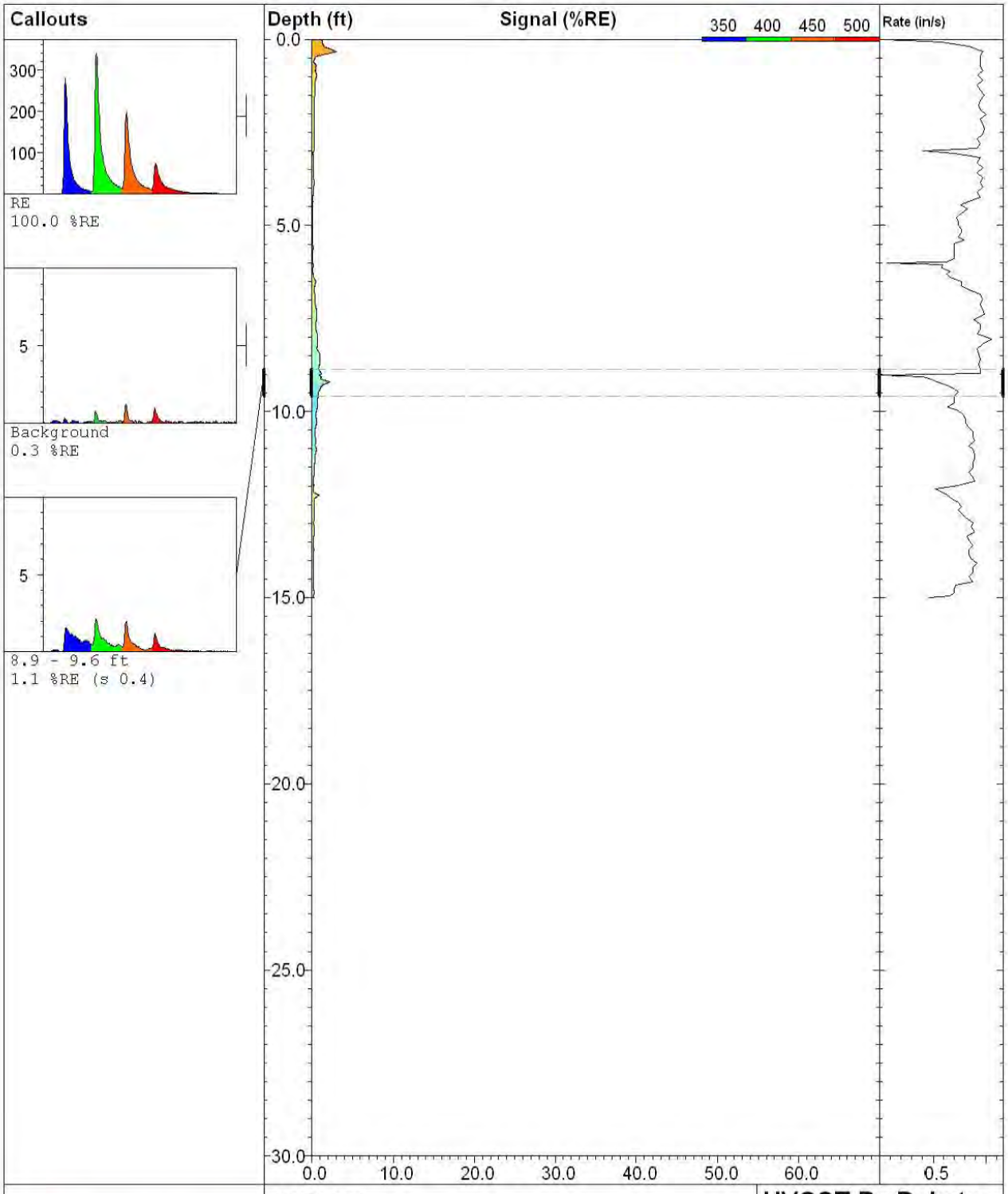
LIF-06

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibbsb**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.02 ft**
Client: **Weston Solutons**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **4.9 % @ 0.46 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-28 13:41 EDT**



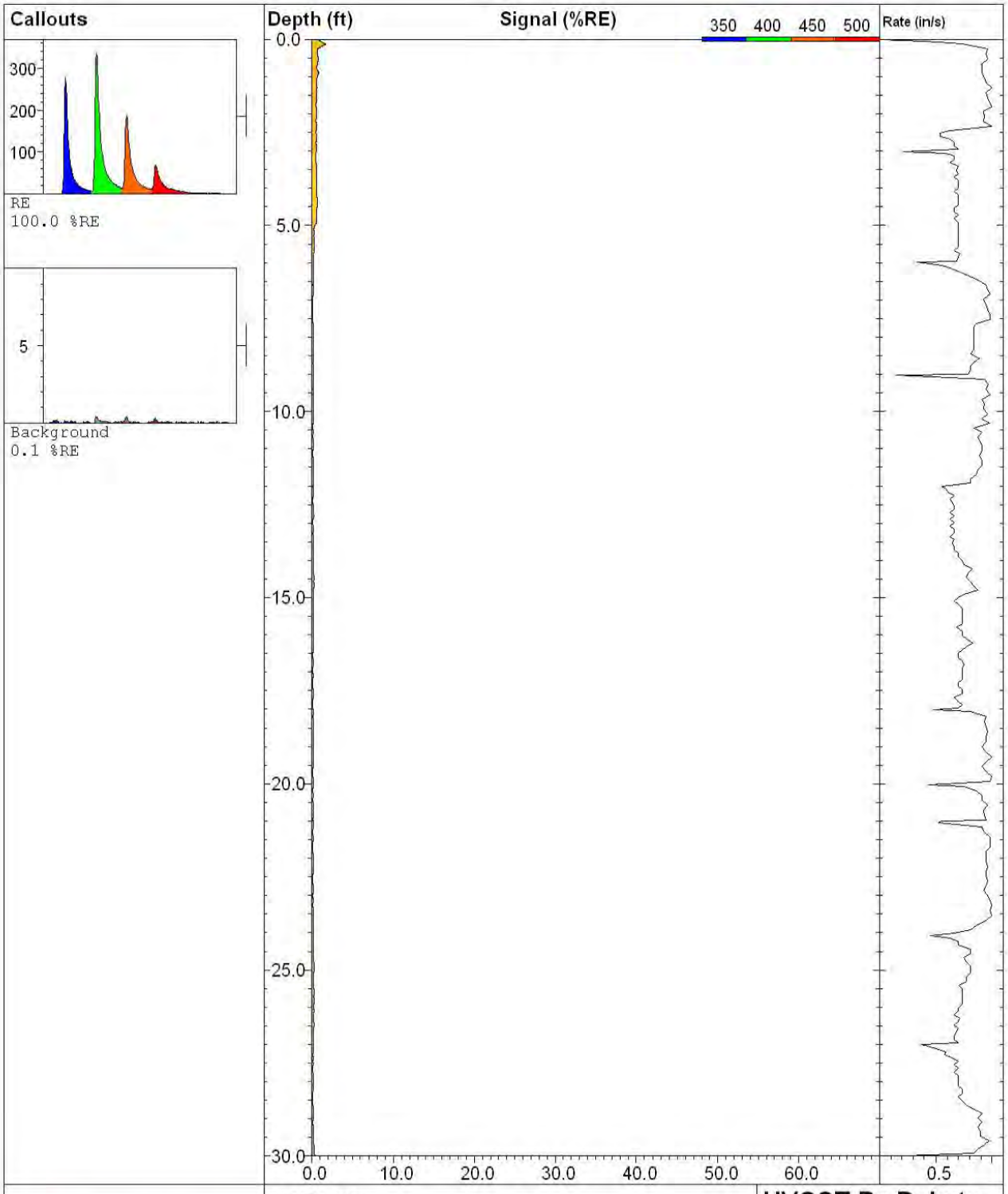
COLUMBIA TECHNOLOGIES

COLUMBIA Technologies
Baltimore, MD 888-344-2704
www.columbiatechnologies.com

LIF-07

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibbsb**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **15.00 ft**
Client: **Weston Solutons**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **3.0 % @ 0.33 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-28 16:03 EDT**



COLUMBIA TECHNOLOGIES

COLUMBIA Technologies
Baltimore, MD 888-344-2704
www.columbiatechnologies.com

LIF-08

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Sherwin Williams Gibbsb**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **30.00 ft**
Client: **Weston Solutons**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **1.7 % @ 0.13 ft**
Job:	*Operator/Unit:* **RSP/UVOST1005**	*Date & Time:* **2012-08-28 16:29 EDT**

APPENDIX B

MIP Logs (Individual Scale)

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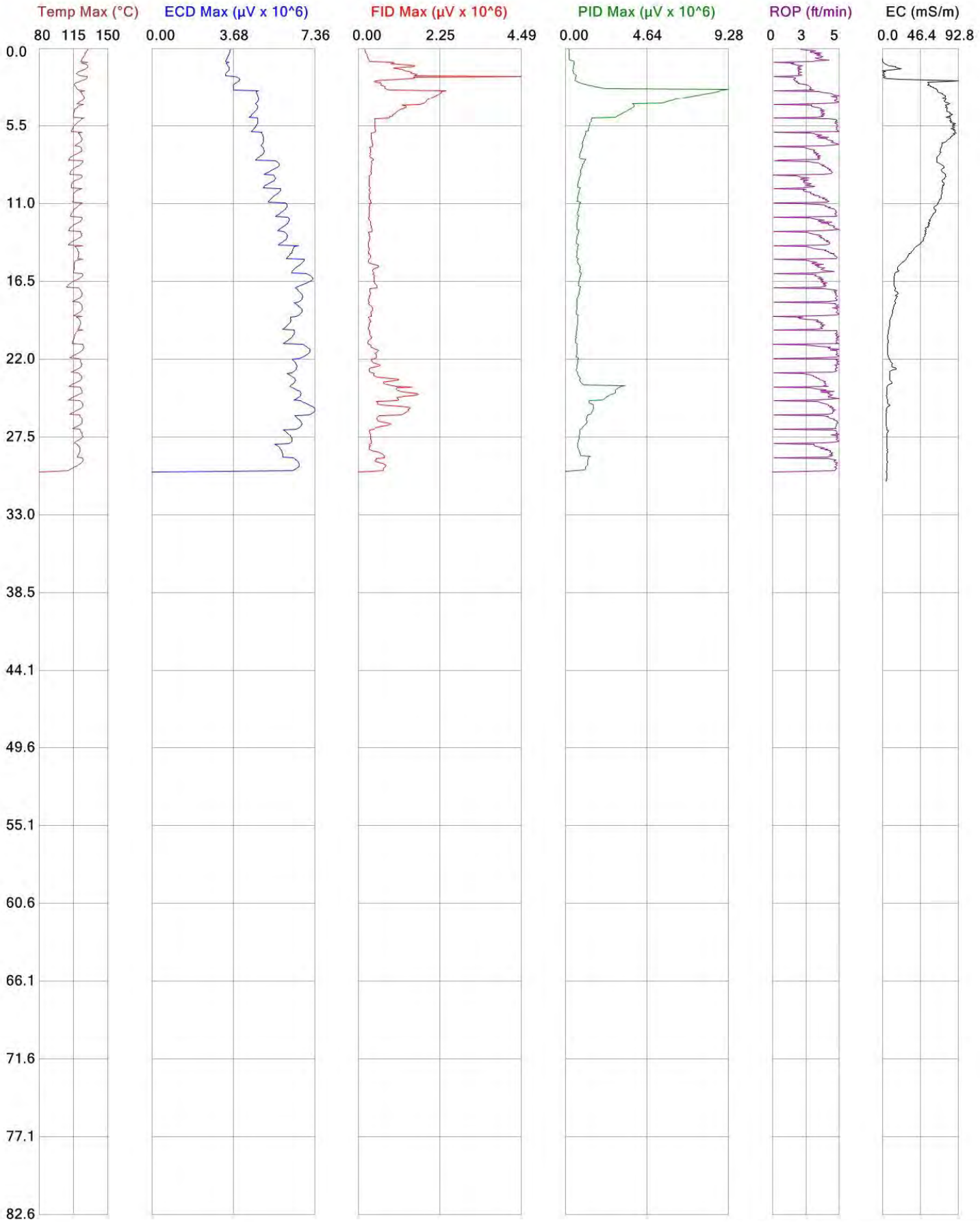

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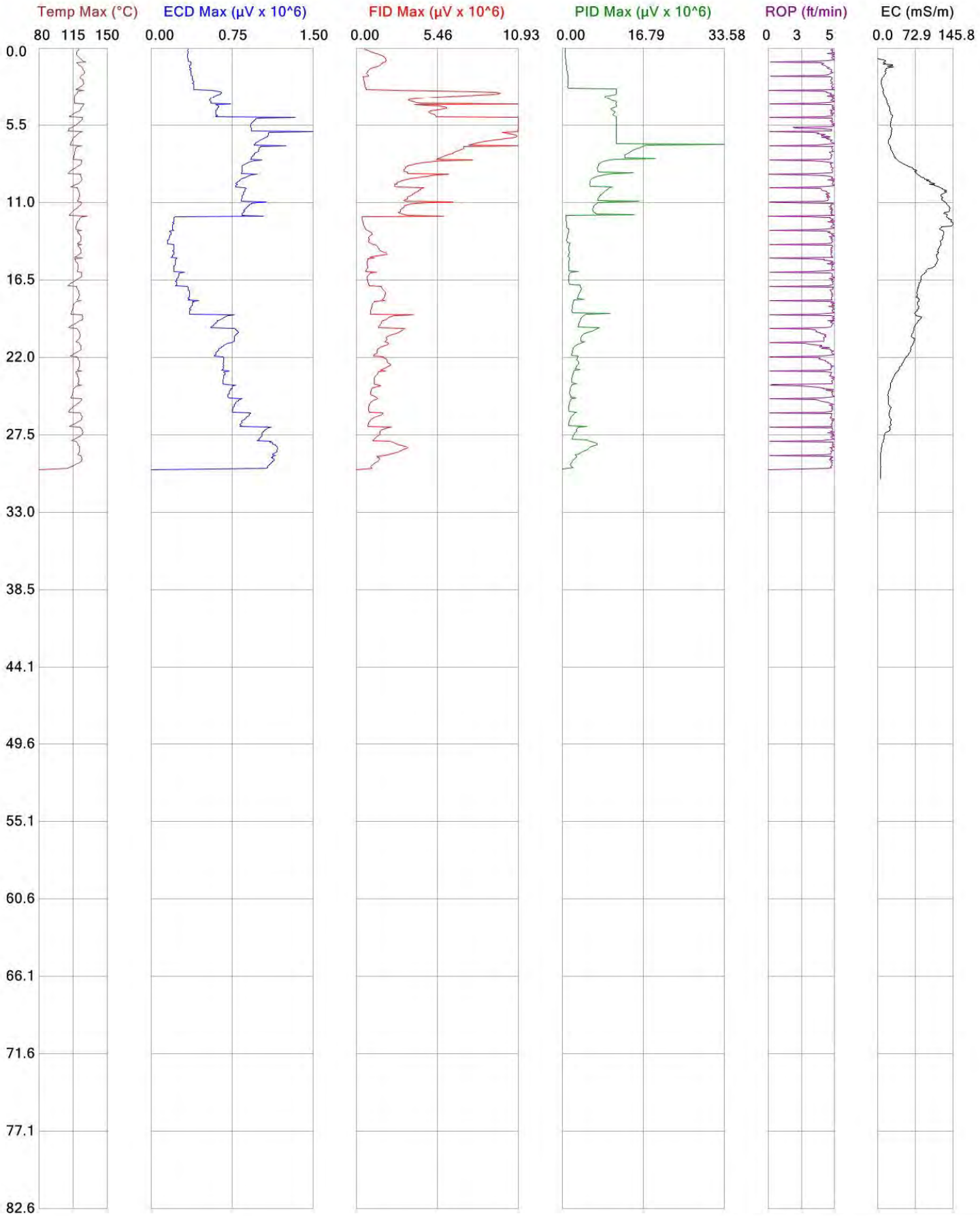
Client: Weston Solutions, Inc.	Date: 8/27/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:

COLUMBIA TECHNOLOGIES



COLUMBIA TECHNOLOGIES

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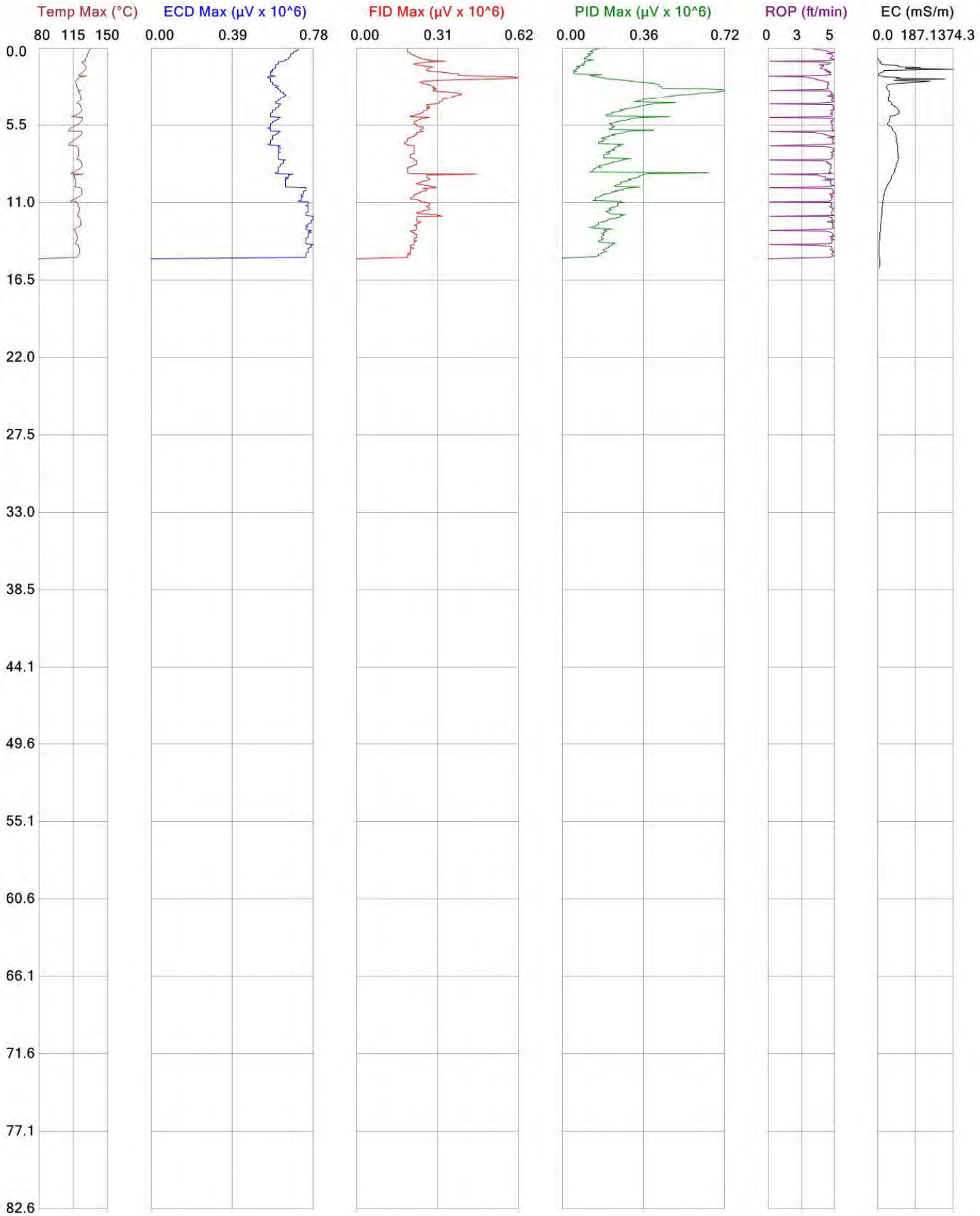
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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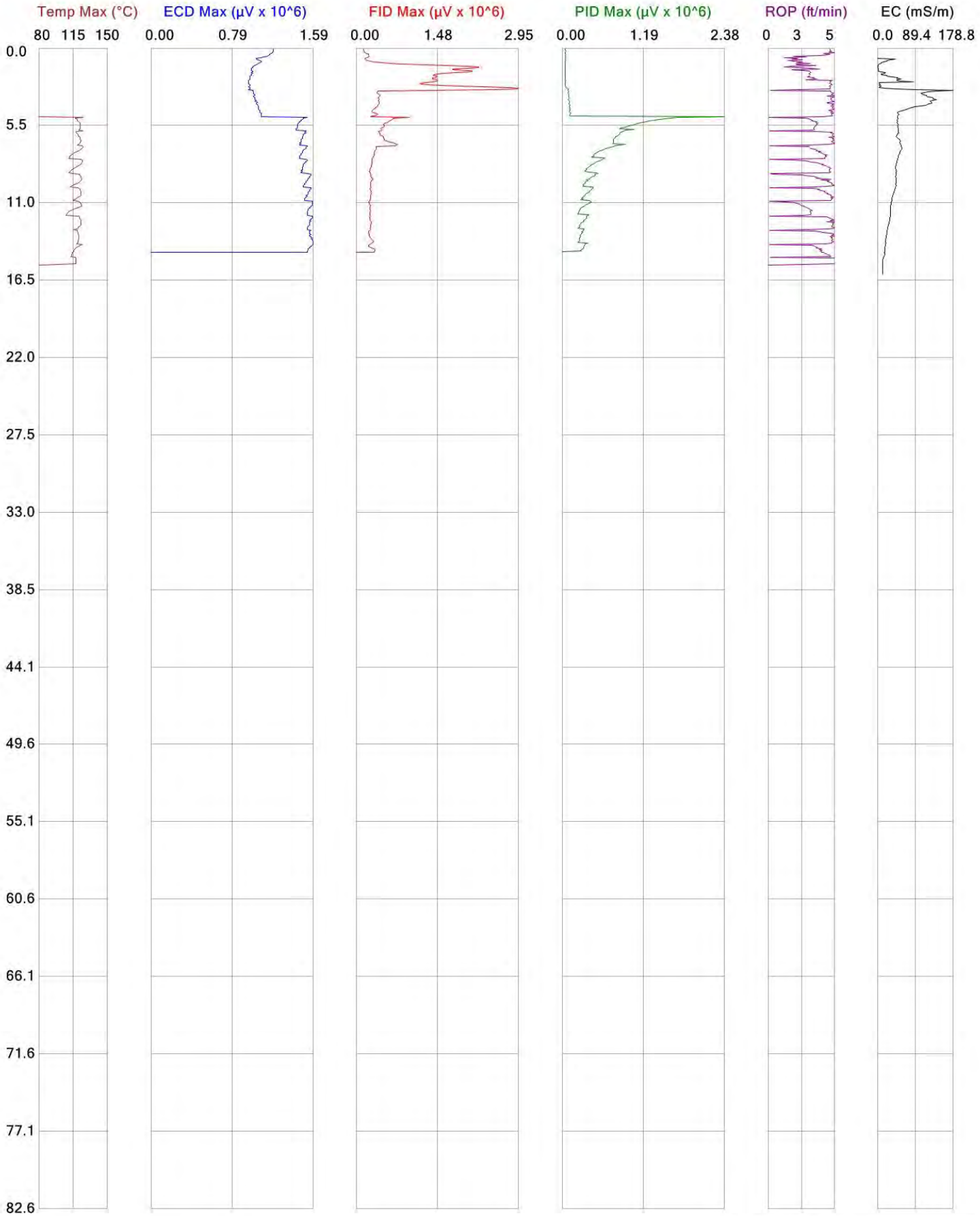
Client: Weston Solutions, Inc.	Date: 8/28/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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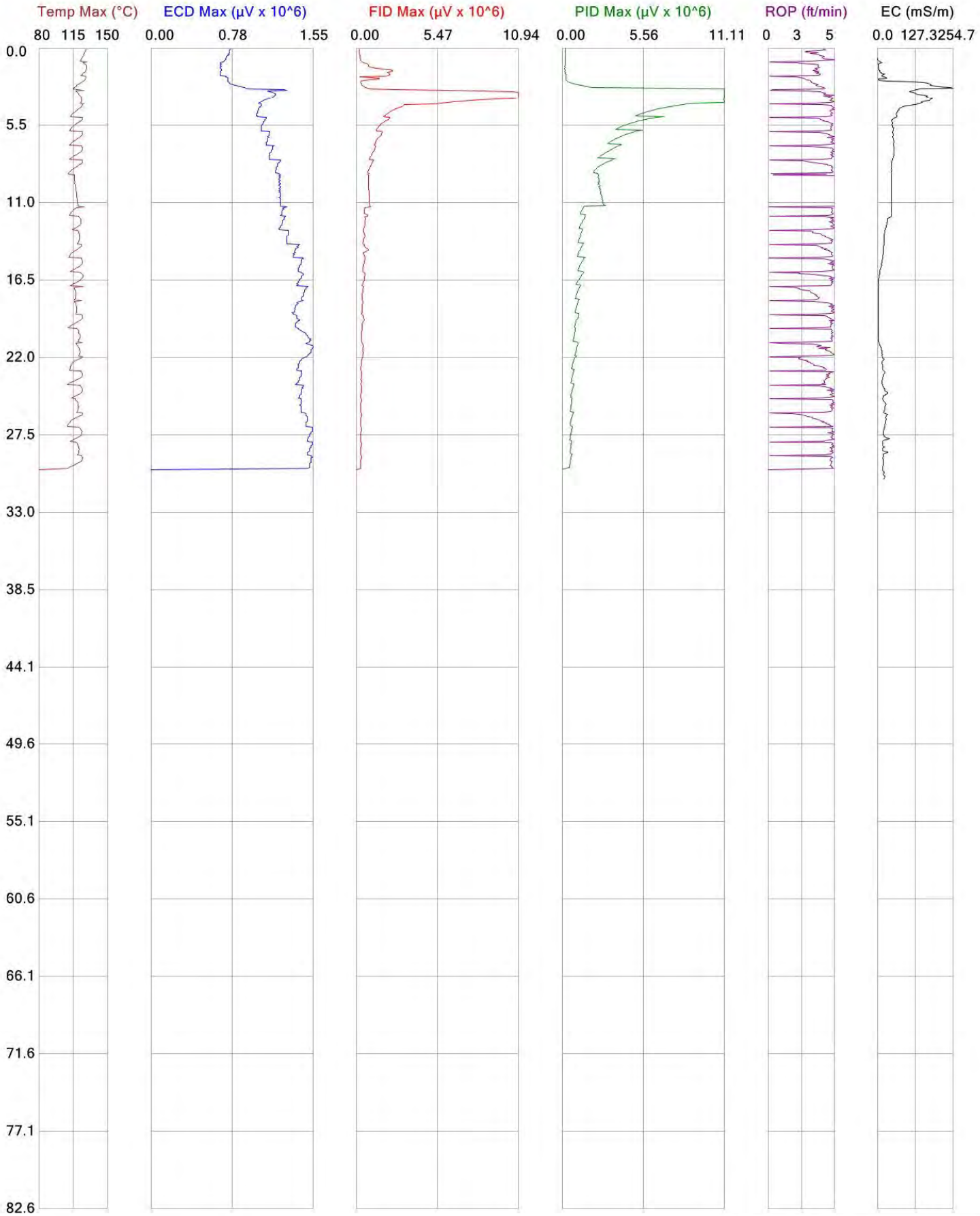
Client: Weston Solutions, Inc.	Date: 8/28/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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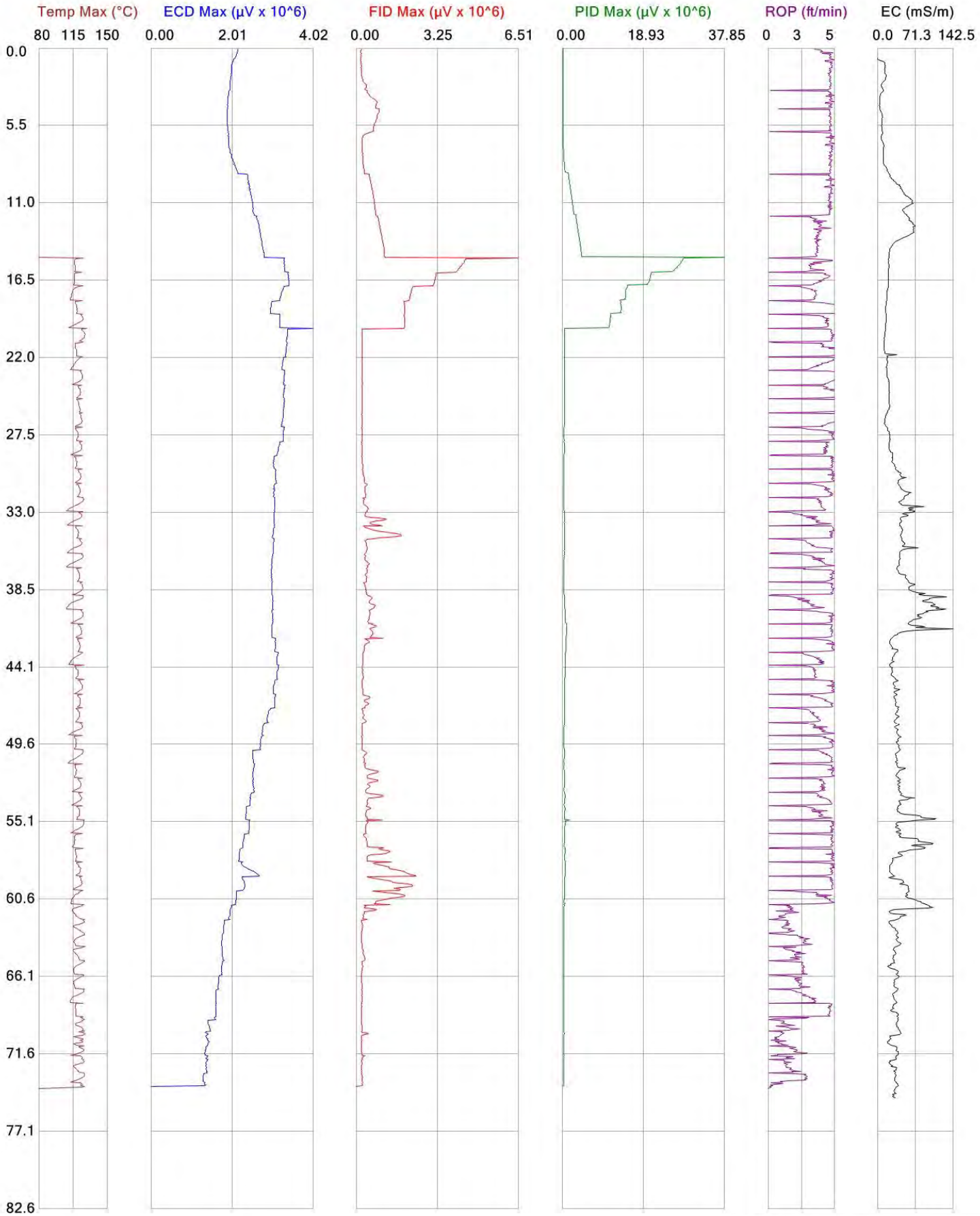
Client: Weston Solutions, Inc.	Date: 8/28/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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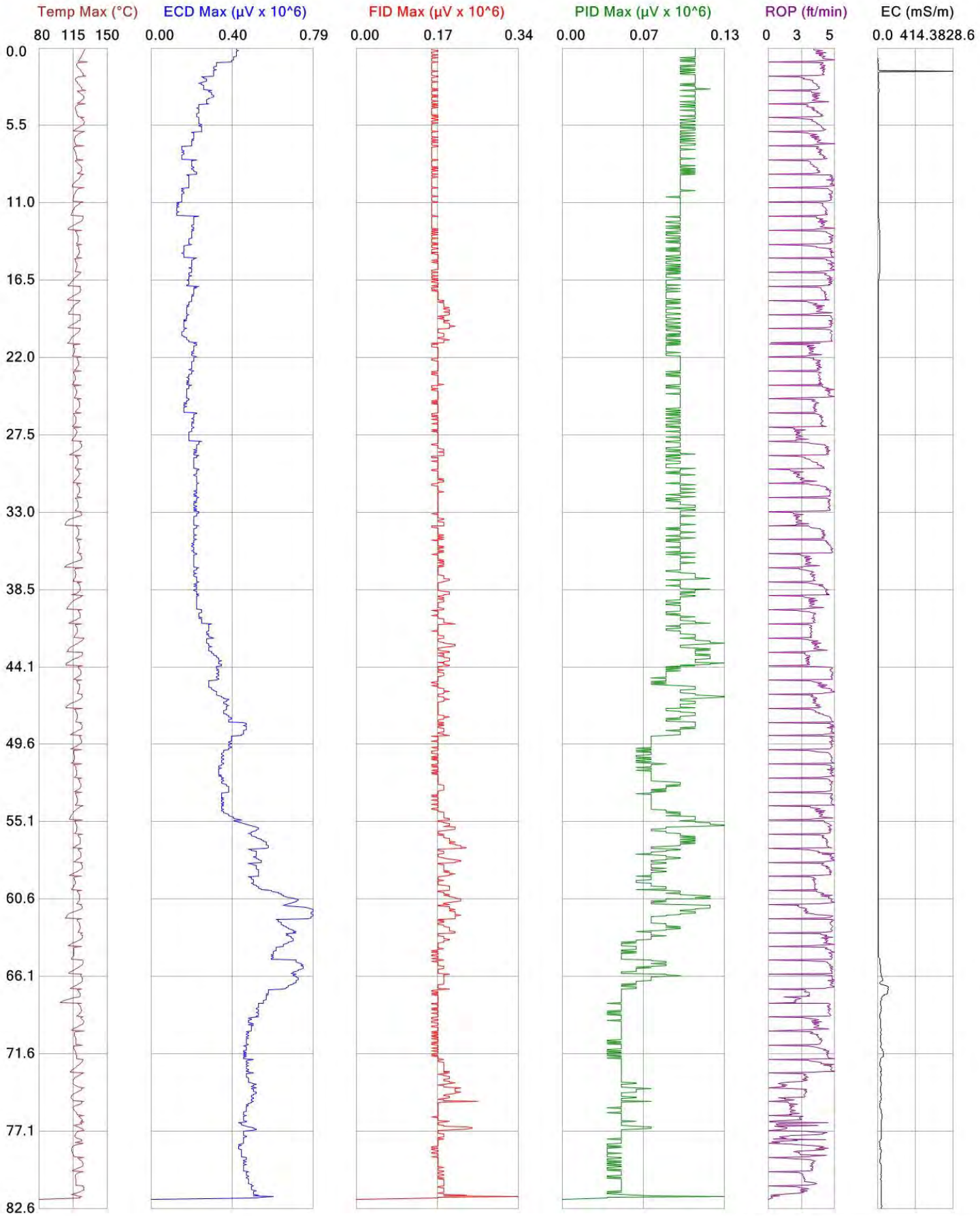
Client: Weston Solutions, Inc.	Date: 8/29/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

	File: MIP08
Client: Weston Solutions, Inc.	Date: 8/30/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:

APPENDIX C

MIP Logs (Collective Scale)

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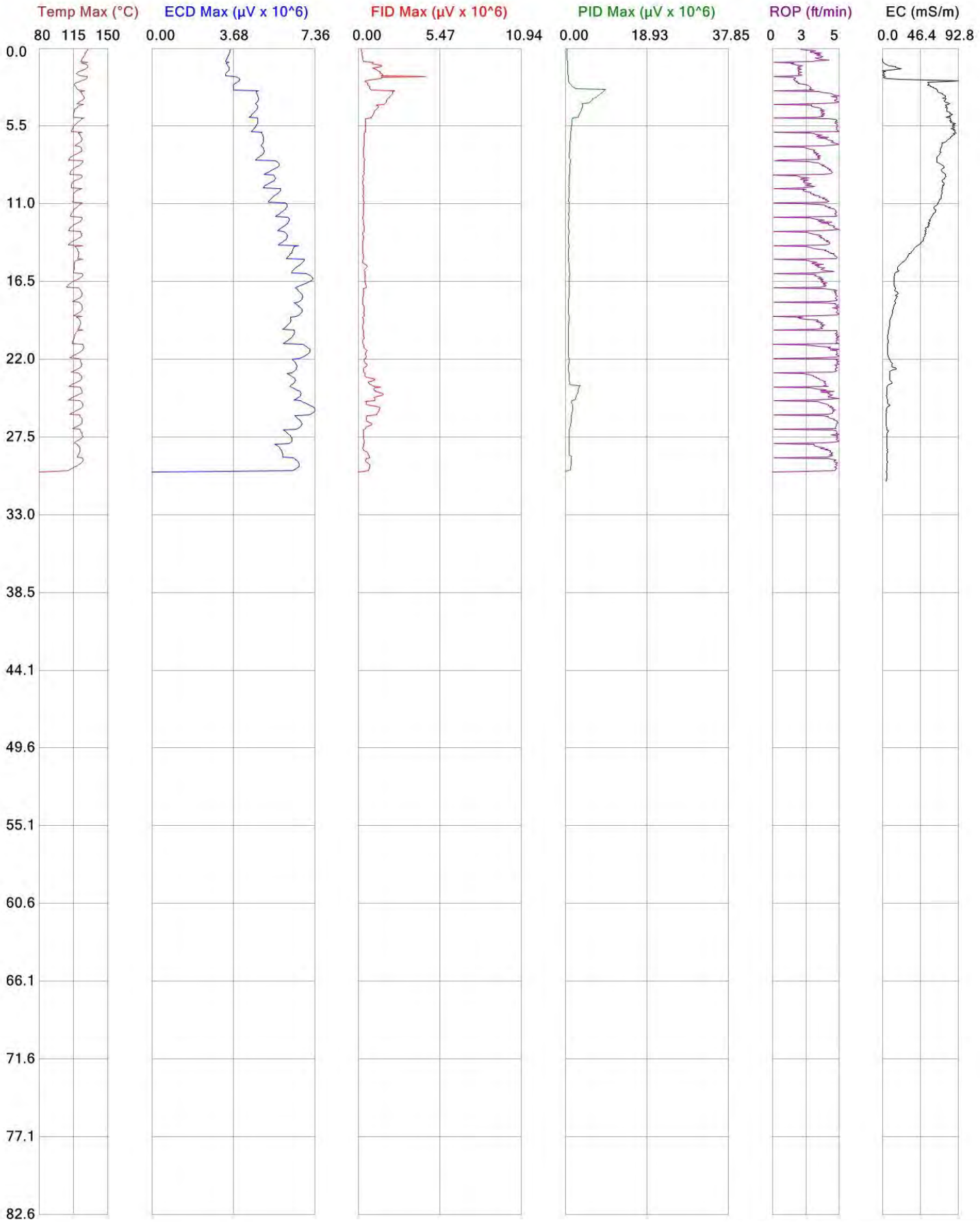

COLUMBIA TECHNOLOGIES

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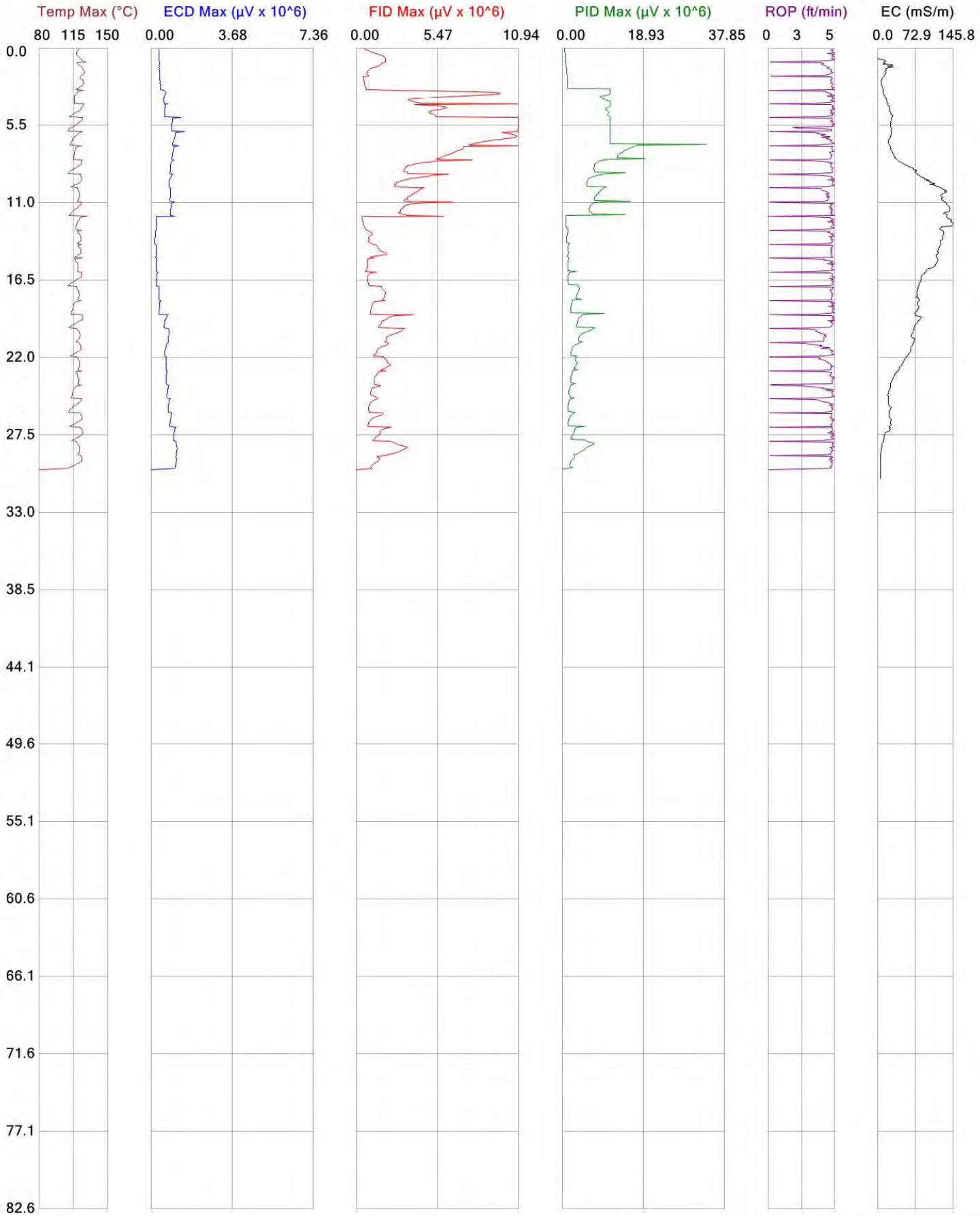
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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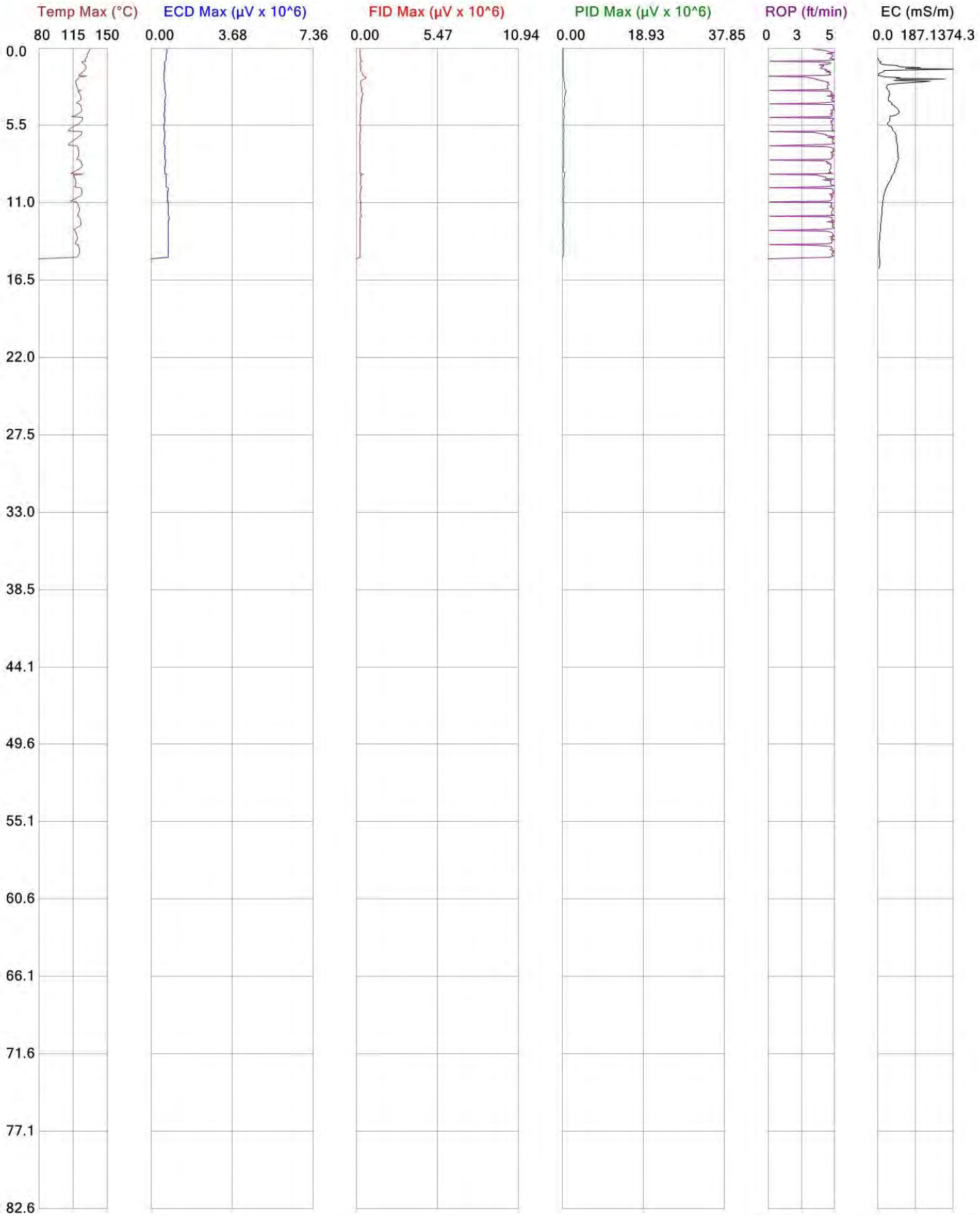

COLUMBIA TECHNOLOGIES

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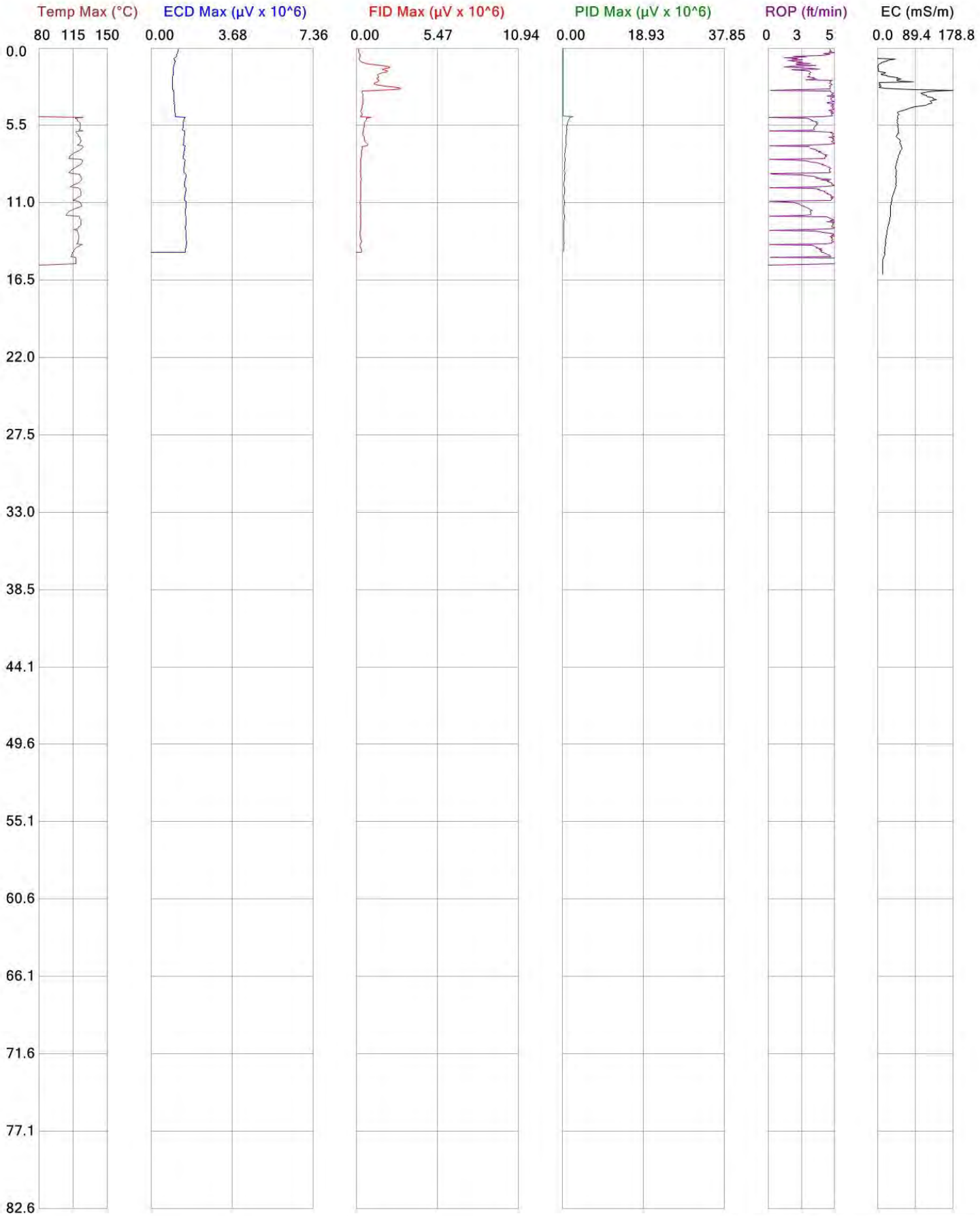
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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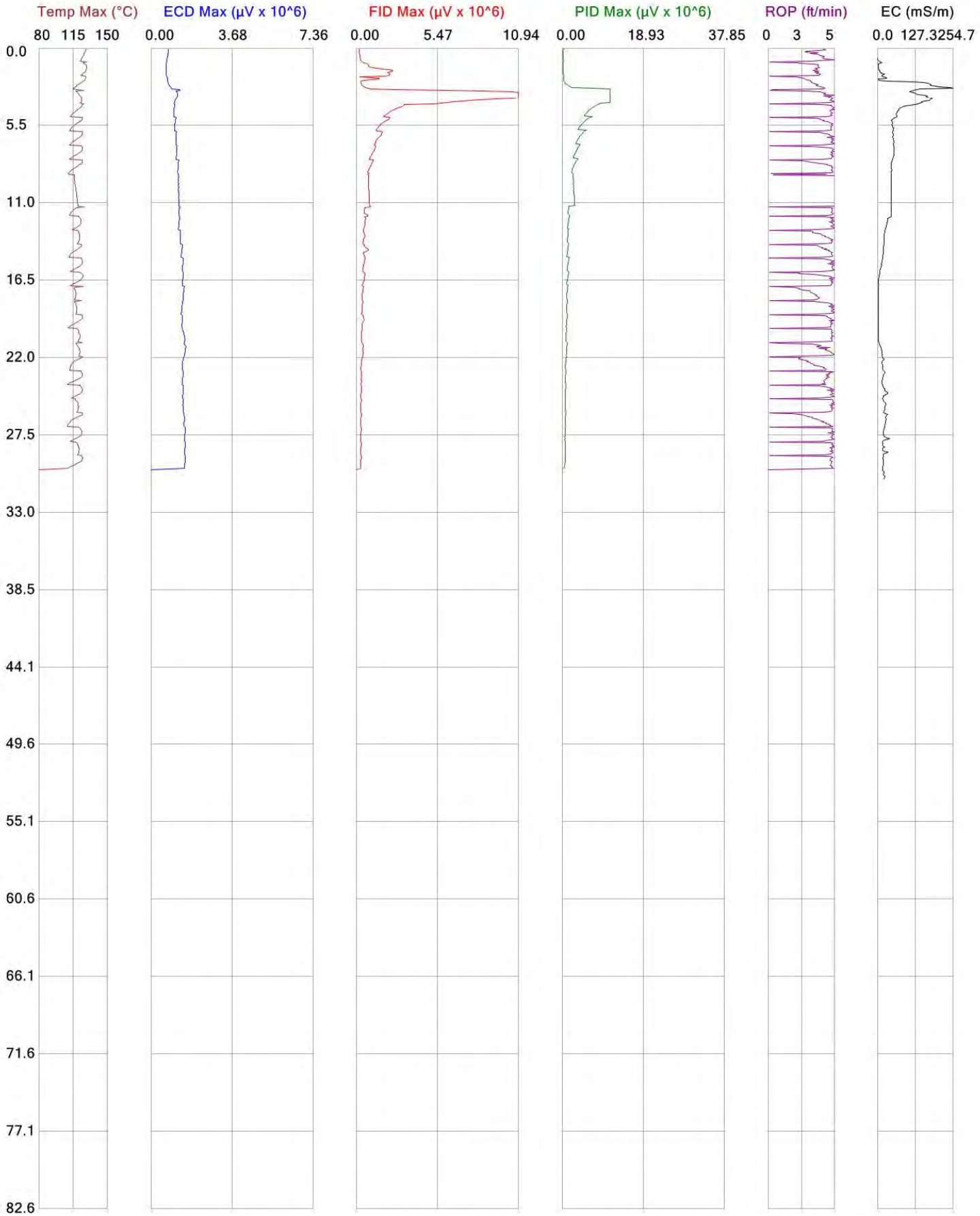
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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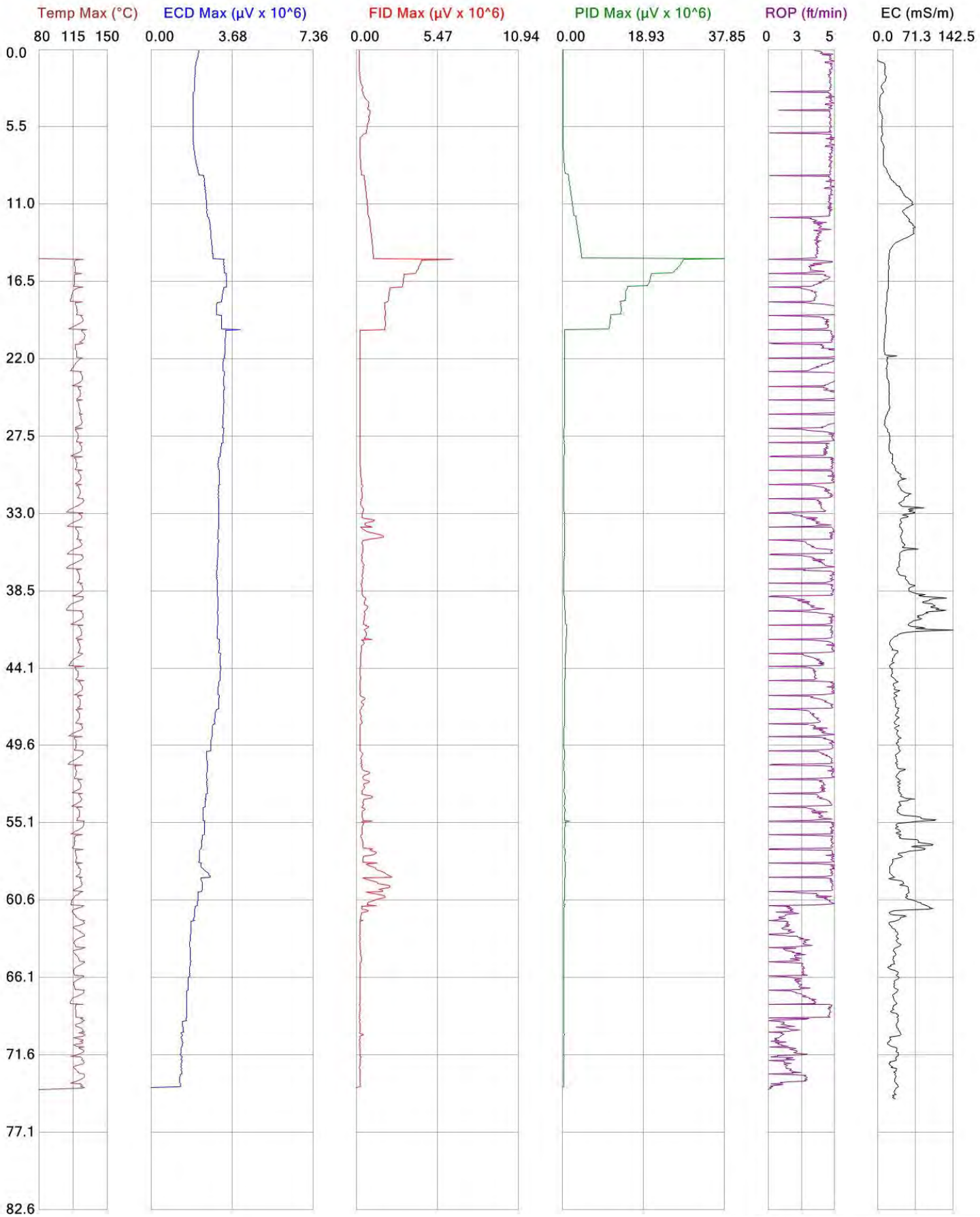
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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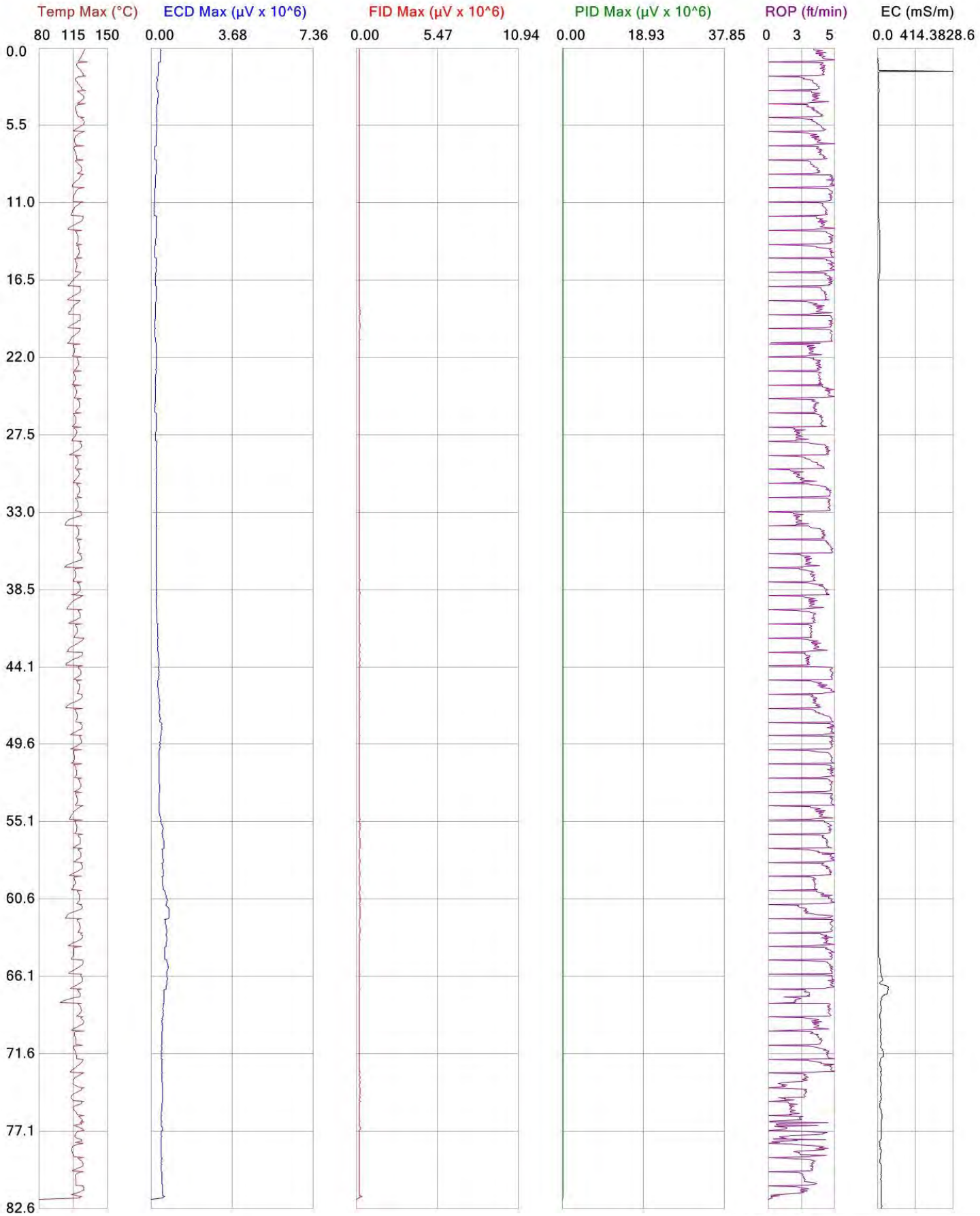
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

	File: MIP08
Client: Weston Solutions, Inc.	Date: 8/30/2012
Project ID: Sherwin Williams Former Manufacturing Plant	Location:

APPENDIX D

MIP07 and MIP08 Overlay

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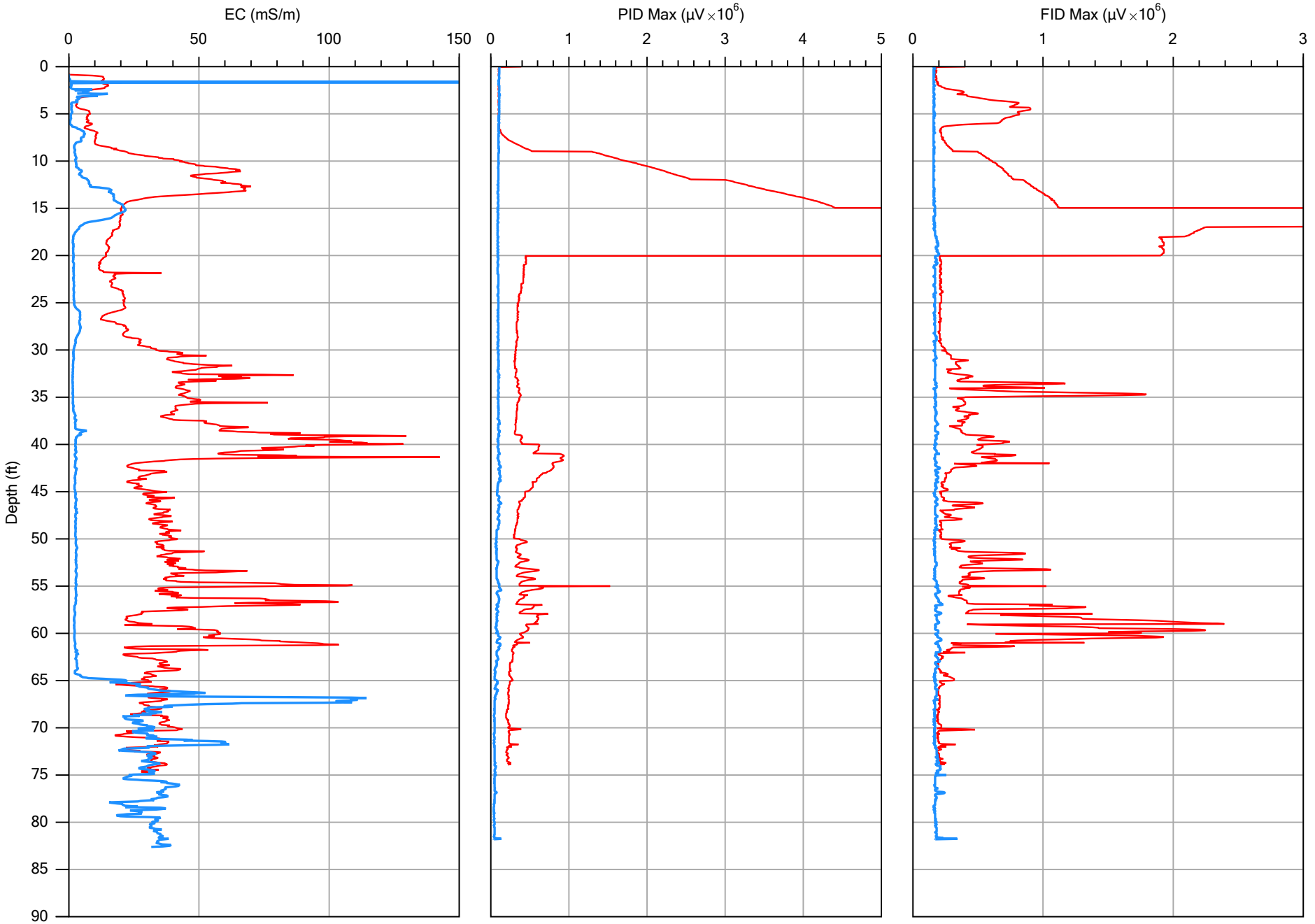

COLUMBIA TECHNOLOGIES

Company: Weston Solutions	Operator: RSP
Project ID: Sherwin Williams Gibbsboro	Client:

MIP07.DAT 8/29/2012
MIP08.DAT 8/30/2012

APPENDIX E

UVOST Response to Various Random Products Saturated on Wet Sand

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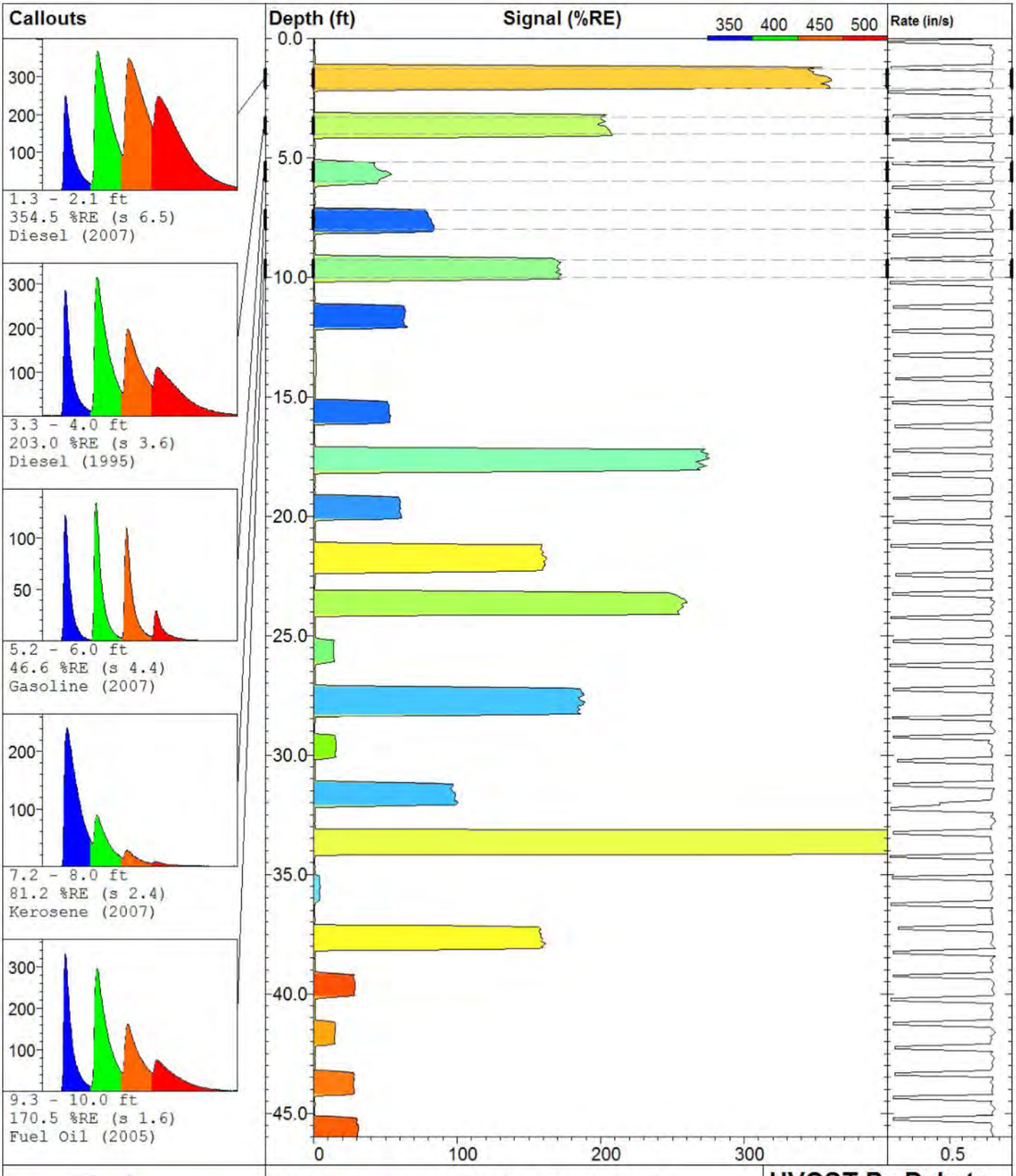

Various products on sand

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Examples**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **47.10 ft**
Client: **DTI**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **826.6 % @ 33.20 ft**
Job:	*Operator/Unit:* **T.Rudolph/UVOST1002**	*Date & Time:* **2007-08-24 14:25 CDT**

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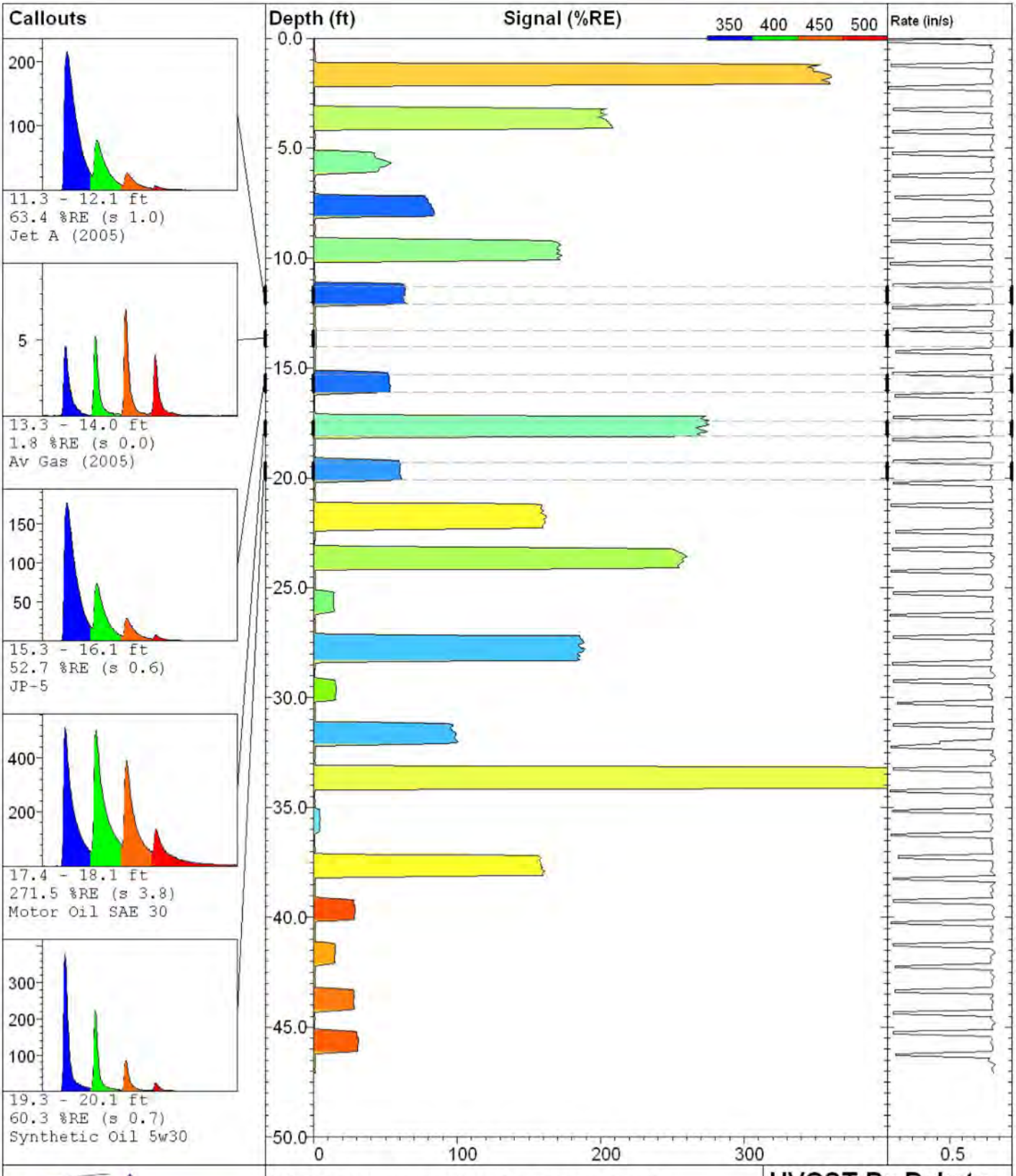
www.DakotaTechnologies.com



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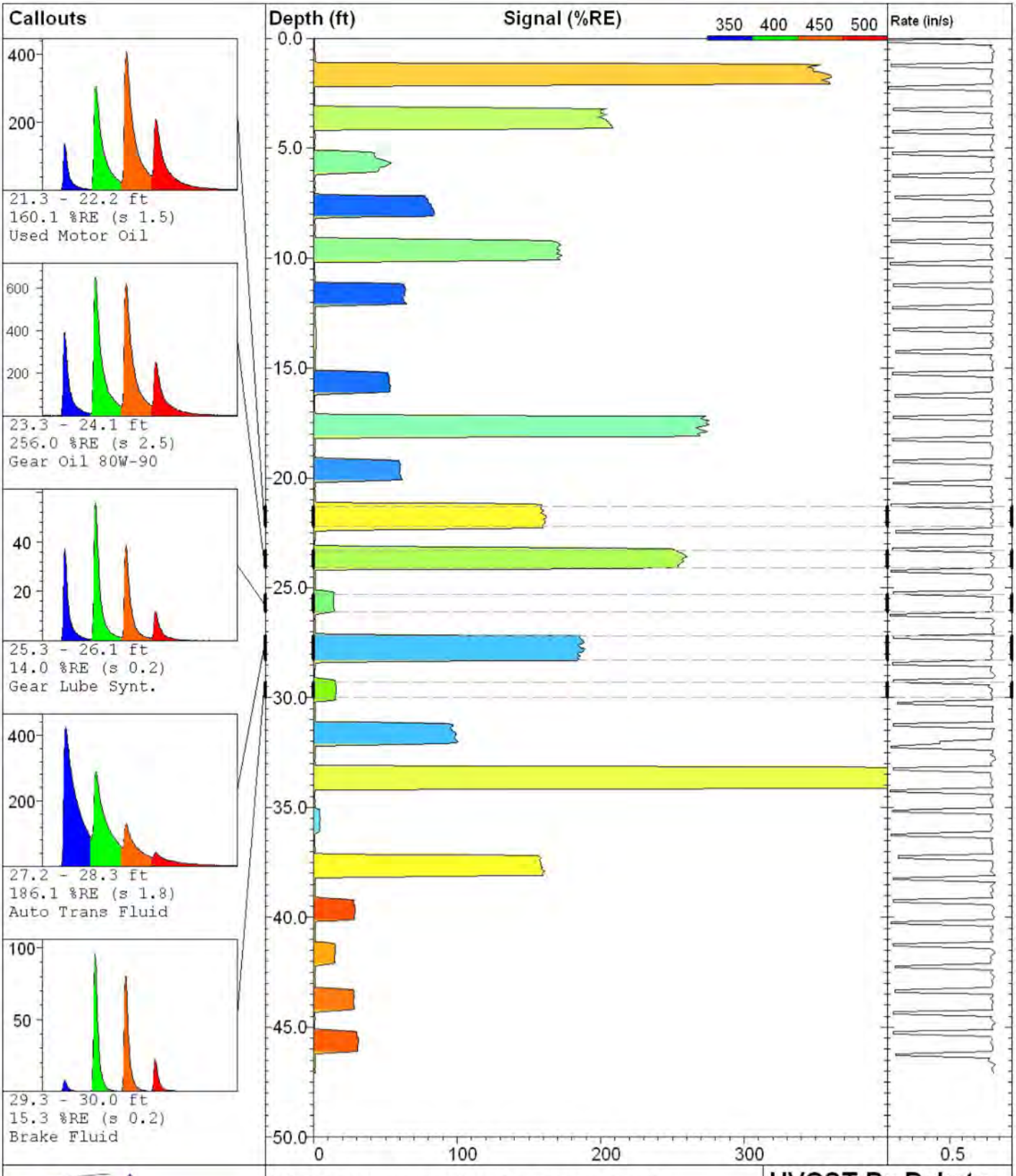
www.DakotaTechnologies.com

Various products on sand

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Examples**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **47.10 ft**
Client: **DTI**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **826.6 % @ 33.20 ft**
Job:	*Operator/Unit:* **T.Rudolph/UVOST1002**	*Date & Time:* **2007-08-24 14:25 CDT**



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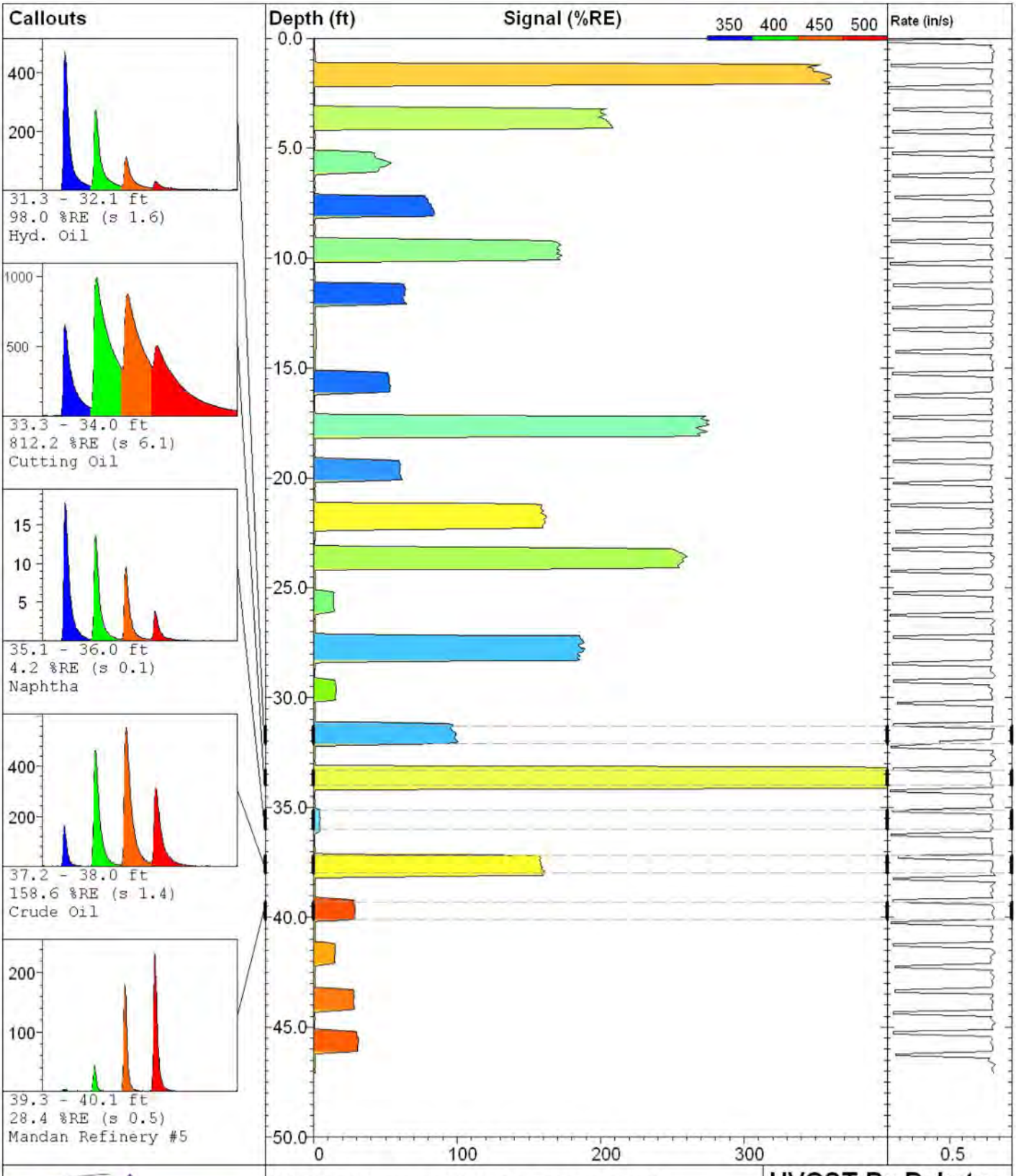
Various products on sand

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Examples**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **47.10 ft**
Client: **DTI**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **826.6 % @ 33.20 ft**
Job:	*Operator/Unit:* **T.Rudolph/UVOST1002**	*Date & Time:* **2007-08-24 14:25 CDT**



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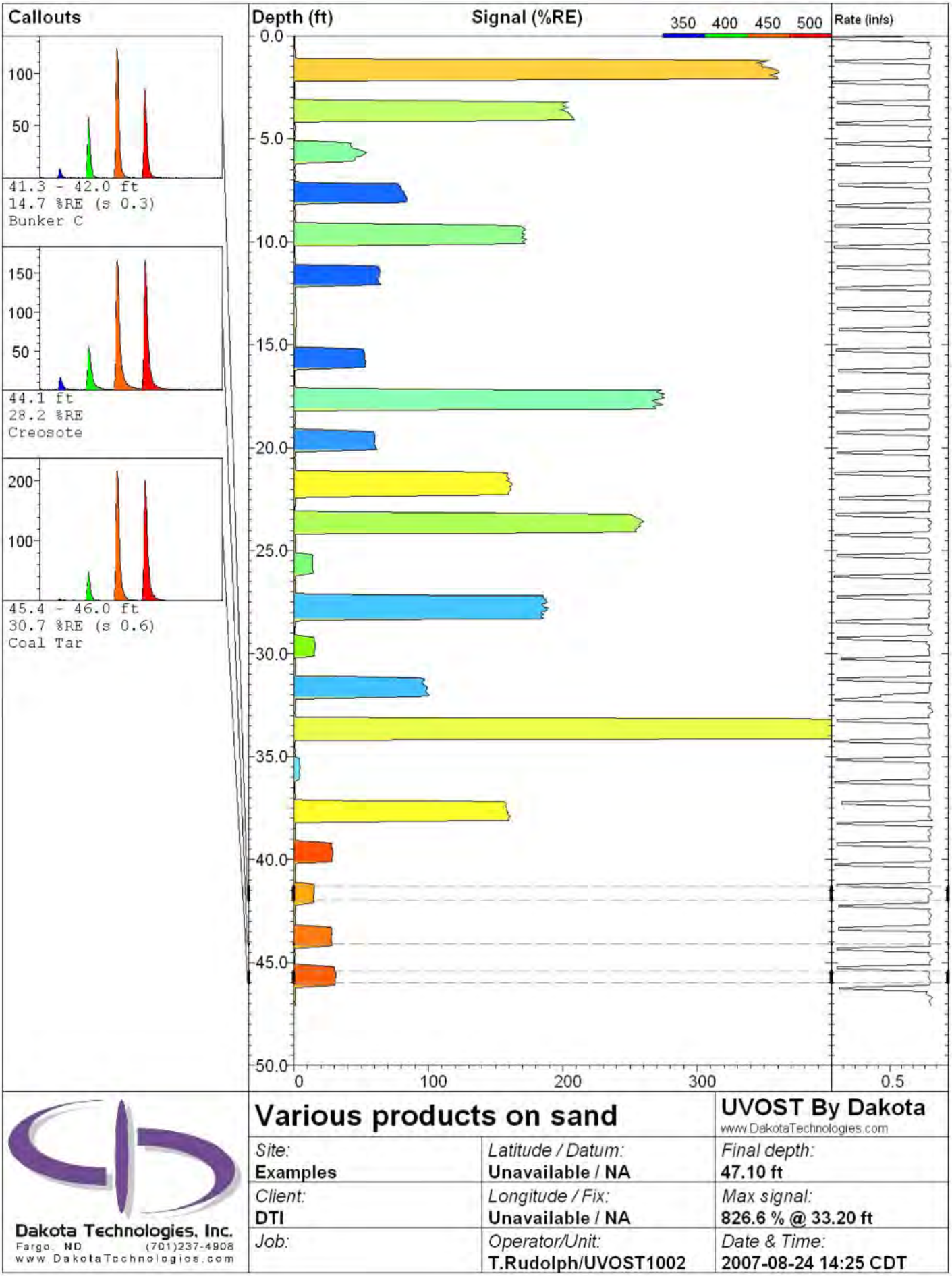
Various products on sand

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Examples**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **47.10 ft**
Client: **DTI**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **826.6 % @ 33.20 ft**
Job:	*Operator/Unit:* **T.Rudolph/UVOST1002**	*Date & Time:* **2007-08-24 14:25 CDT**



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Various products on sand

UVOST By Dakota
www.DakotaTechnologies.com

Site: **Examples**	*Latitude / Datum:* **Unavailable / NA**	*Final depth:* **47.10 ft**
Client: **DTI**	*Longitude / Fix:* **Unavailable / NA**	*Max signal:* **826.6 % @ 33.20 ft**
Job:	*Operator/Unit:* **T.Rudolph/UVOST1002**	*Date & Time:* **2007-08-24 14:25 CDT**

SmartData Solutions®

Subsurface Characterization Using Membrane Interface Probe (MIP) and Soil Conductivity (SC) Technologies Sherwin-Williams Former Manufacturing Plant 1 Foster Ave Gibbsboro, New Jersey

PREPARED FOR

Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837

March 1, 2013

PREPARED BY

COLUMBIA Technologies, LLC
1448 South Rolling Rd.
Baltimore, Maryland 21227
410-536-9911
www.columbiatechnologies.com

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TABLE OF CONTENTS

Page

Introduction 3
Objectives 3
MIP/SC Equipment Description 3
MIP System Performance Test 5
Investigation Methods 5
MIP/SC Log Interpretation 5
Correlating MIP Results to Sampling or Laboratory Analyses 6

APPENDICES

Appendix A: MIP Logs (Individual Scale)

Appendix B: MIP Logs (Collective Scale)

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Introduction

Weston Solutions, Inc. (Weston) contracted **COLUMBIA Technologies, LLC (COLUMBIA)** to conduct an investigation of subsurface contamination at the Sherwin-Williams Former Manufacturing Plant site, located in Gibbsboro, New Jersey. This investigation involved delineating the depth and horizontal extent of total volatile organic compound (VOC) contamination distribution, including dissolved phase, vapor phase and sorbed phase, using Membrane Interface Probe (MIP) technology and characterizing soil electrical conductivity using Soil Conductivity (SC) technology.

The investigation was conducted between January 28, 2013 and February 6, 2013 and consisted of 23 MIP/SC locations to depths ranging from 48 feet to 76 feet below ground surface (bgs). A Geoprobe® Direct Push Technology (DPT) drilling rig was used to advance the locations.

Objectives

The objectives of the MIP/SC investigation were to:

- Delineate in high resolution the vertical and horizontal extent of the total VOC contamination distribution, including dissolved phase, vapor phase and sorbed phase, throughout the investigation area as well as detailed information concerning soil electrical conductivity properties.

MIP/SC Equipment Description

The MIP/SC probe is approximately 12-inches (30 cm) in length and 1.5-inches (3.8 cm) in diameter. The probe is driven into the ground at the nominal rate of one foot per minute using a DPT rig.

Soil conductivity, the inverse of soil resistivity, is measured using a dipole arrangement. In this process, an alternating electrical current is transmitted through the soil from the center, isolated pin of the probe. This current is then passed back to the probe body. The voltage response of the imposed current to the soil is measured across these same two points. Conductivity is measured in Siemens/meter, and due to the low conductivity of earth materials, the SC probe uses milliSiemens/meter (mS/m). The probe is reasonably accurate in the range of 5 to 400 mS/m. In general, at a given location, lower conductivity values are generally

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characteristic of larger particles such as sands, while higher conductivities are characteristic of finer sized particles such as silts and clays.

The MIP portion of the probe was developed and patented by Geoprobe Systems, Inc. The operating principle is based on heating the soil and/or water around a semi-permeable polymer membrane to 121ºC, which allows VOCs to partition across this membrane. The MIP can be used in saturated or unsaturated soils, as water does not pass through the membrane. Nitrogen is used as an inert carrier gas, and travels from a surface supply down a transfer tubing which sweeps across the back of the membrane and returns any captured VOCs to the installed detectors at the surface. It takes approximately 37 seconds for the nitrogen gas stream to travel through 100 feet of inert tubing and reach the detectors.

COLUMBIA utilizes three detectors: a Photo Ionization Detector (PID), a Flame Ionization Detector (FID) and an Electron Capture Detector (ECD), mounted on a laboratory grade Shimadzu Model 14A gas chromatograph. The output signal from the detectors is captured by a MIP data logging system installed on a MIP Field Computer or laptop computer. Conductivity, speed, detector data and temperature are displayed continuously in real time during each push of the probe.

The PID detector consists of a special UV lamp mounted on a thermostatically controlled, low volume, flow-through cell. The temperature is adjustable from ambient temperature to 250ºC. The 10.2 electron volt (eV) UV lamp emits energy at a wavelength of 120 nanometers, which is sufficient to ionize most aromatics (benzene, toluene, xylene, etc.) and many other molecules (e.g. H_2S, hexane, ethanol) whose ionization potential is below 10.2 eV. The PID also emits a lower response for chlorinated compounds such as TCE and PCE. Methanol and water, which have ionization potentials greater than 10.2 eV, do not respond on the PID. Detection limits for aromatics are in the low picogram range of the detector. Since the PID is non-destructive, it is often run first in series with other detectors for multiple analyses from a single injection. Use of the PID is mandated in several EPA methods (8021, TO-14 etc.) because of its sensitivity and selectivity.

The most commonly used GC detector is the FID, which responds linearly over several orders of magnitude from its minimum detectable quantity of about 100 picograms. The FID

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response is very stable from day to day. This detector responds to any molecule with a carbon-hydrogen bond, but poorly to compounds, such as H_2S, CCl_4, or NH_3. The carrier gas effluent from the GC column is mixed with hydrogen and burned. Hydrogen supports a flame and ionizes the analyte molecules. A collector electrode attracts the negative ions to the electrometer amplifier, producing an analog signal, which is directed to the data system input.

The ECD detector consists of a sealed stainless steel cylinder containing radioactive Nickel-63. The Nickel-63 emits beta particles (electrons), which collide with the carrier gas molecules, ionizing them in the process. This forms a stable cloud of free electrons in the ECD cell. When electro-negative compounds (especially chlorinated, fluorinated or brominated molecules), such as carbon tetrachloride or TCE, enter the cell, they immediately combine with the free electrons, temporarily reducing the number remaining in the electron cloud. The detector electronics, which maintain a constant current of about 1 nanoampere through the electron cloud, are forced to pulse at a faster rate to compensate for the decreased number of free electrons. The pulse rate is converted to an analog output, which is transmitted to the data system.

MIP System Performance Test

As a quality control check, the MIP system response is evaluated prior to and upon completion of each MIP location. An aqueous phase performance test is performed using specific compounds designed to evaluate the sensitivity of the particular probe, transfer line and detector suite to be used. The resulting values are recorded and compared to predetermined values.

Investigation Methods

A total of 23 MIP/SC locations were completed at the Sherwin-Williams Former Manufacturing Plant site. Each location was selected by Weston's representative onsite, and the termination depth of each location was also determined by Weston's representative onsite. Immediately upon completion of each location, the dataset is wirelessly delivered to **COLUMBIA's** remote servers for Quality Assurance/Quality Control (QA/QC) review and upload to a password secure website using Columbia's patented ***SmartData Solutions***® technology. The results from each location are shown in Appendix A.

MIP/SC Log Interpretation

Each MIP/SC log includes six separate graphs of data. The first graph displays the

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temperature of the probe as it is advanced in the subsurface. This graph can be useful to determine where groundwater is encountered. The next three graphs are measures of chemical detector response: ECD, FID, and PID, measured in uV. These graphs are a linear scale, and give relative concentrations of contamination. The fifth graph is the rate of penetration (speed of the probe) and is measured in feet/min. This information can be used to determine how resistant the subsurface is to the direct push and/or percussion. The last graph is soil electrical conductivity and is measured in mS/m. In general, lower conductivities are indicative of coarser grained particles, such as sands and silty sands, and higher conductivities are indicative of finer grained particles, such as clays and silty clays.

Correlating MIP Results to Sampling or Laboratory Analyses

Generalized correlations between MIP response and laboratory sample results can be inferred, but cannot be viewed as a linear comparison. MIP response and laboratory results are collected, analyzed and reported in different units and by different procedures, so correlation is not an exact one-to-one comparison. The MIP process uses a membrane extraction process from a heated zone of varying subsurface matrix of soil, water, and/or vapor. Soil and groundwater results involve the collection of a sample, extraction of a sub-sample at the surface, and then transporting them to a laboratory for further extraction and analysis. These two processes are different by definition.

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APPENDIX A

MIP Logs (Individual Scale)

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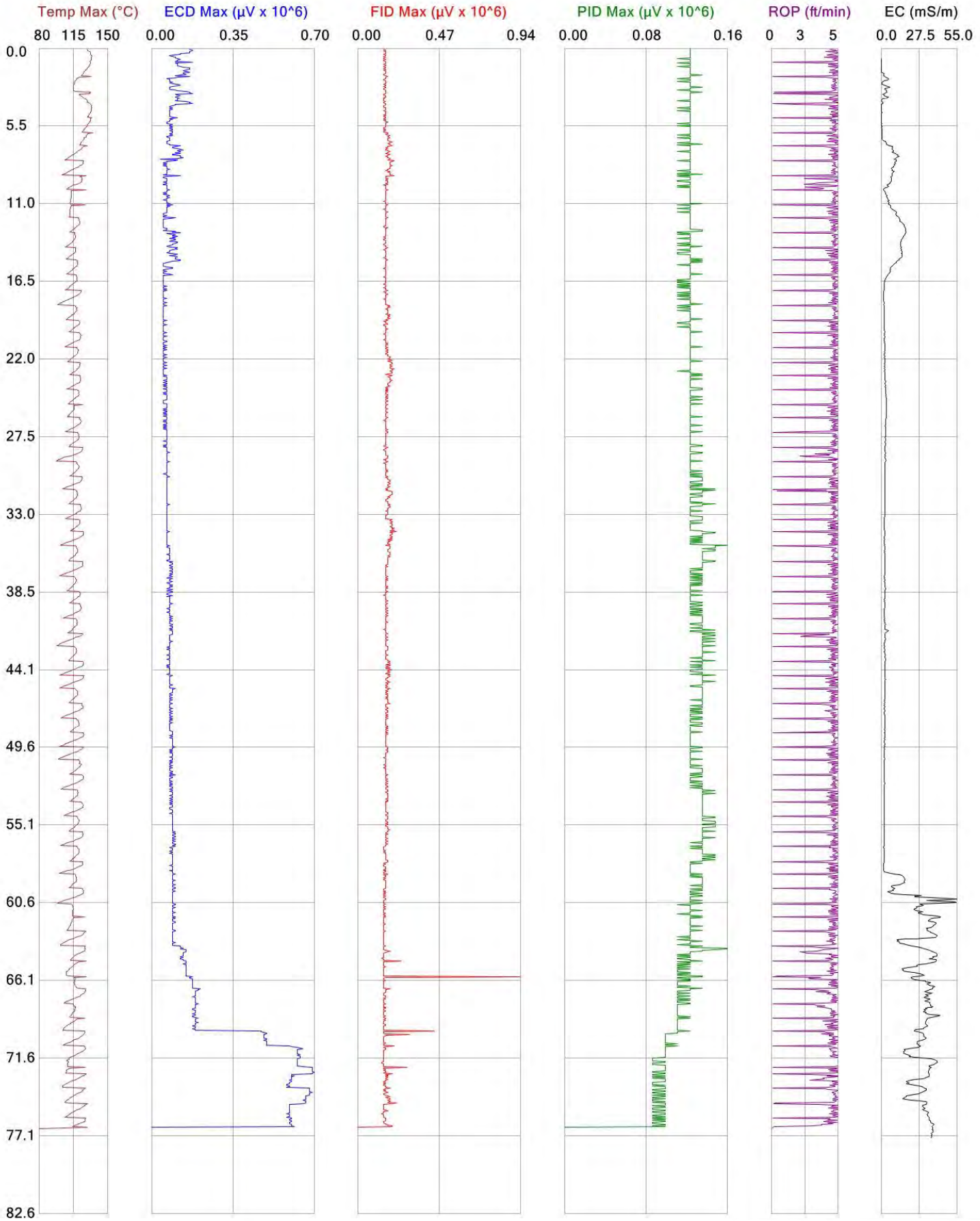

COLUMBIA TECHNOLOGIES

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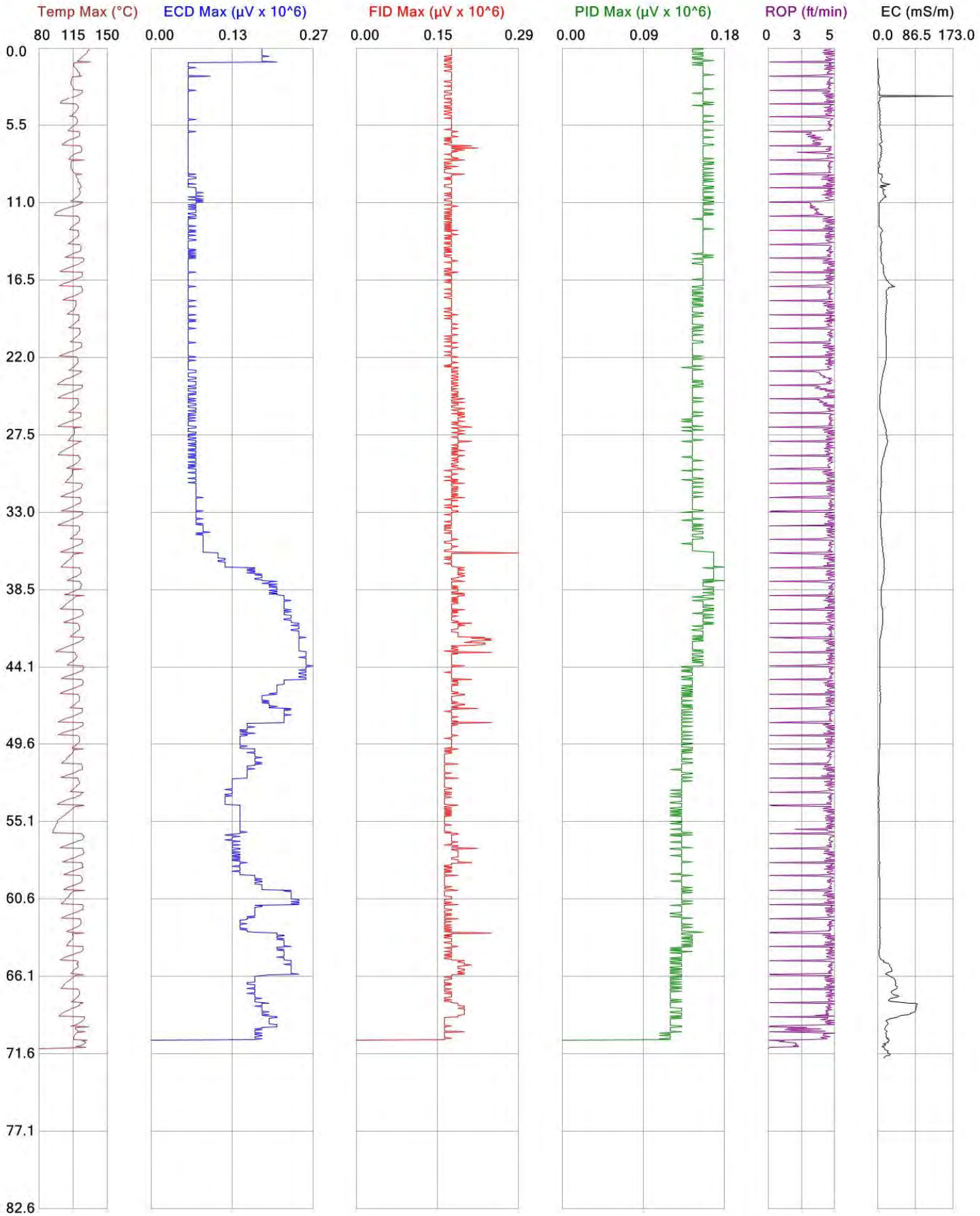
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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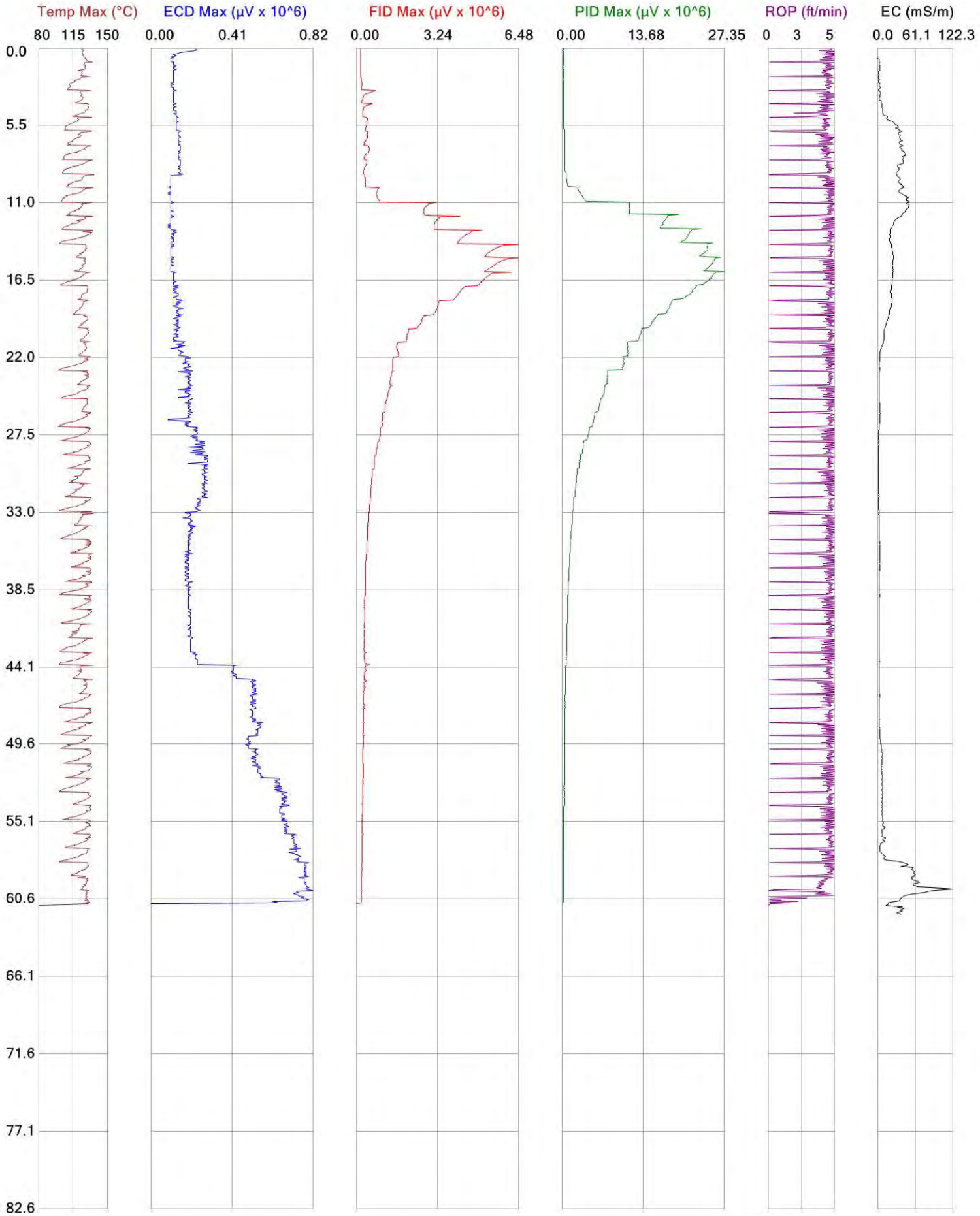

COLUMBIA TECHNOLOGIES

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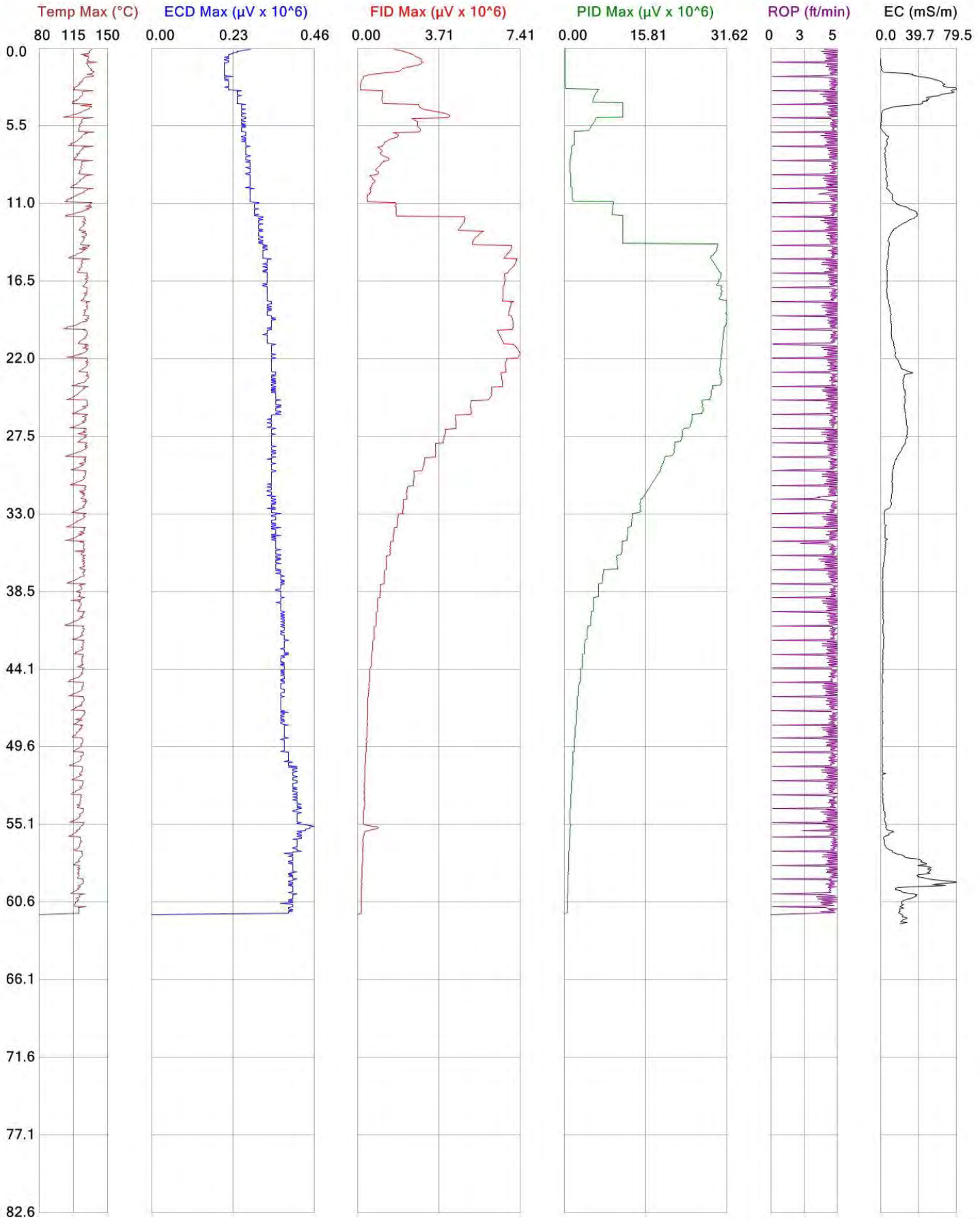

COLUMBIA TECHNOLOGIES

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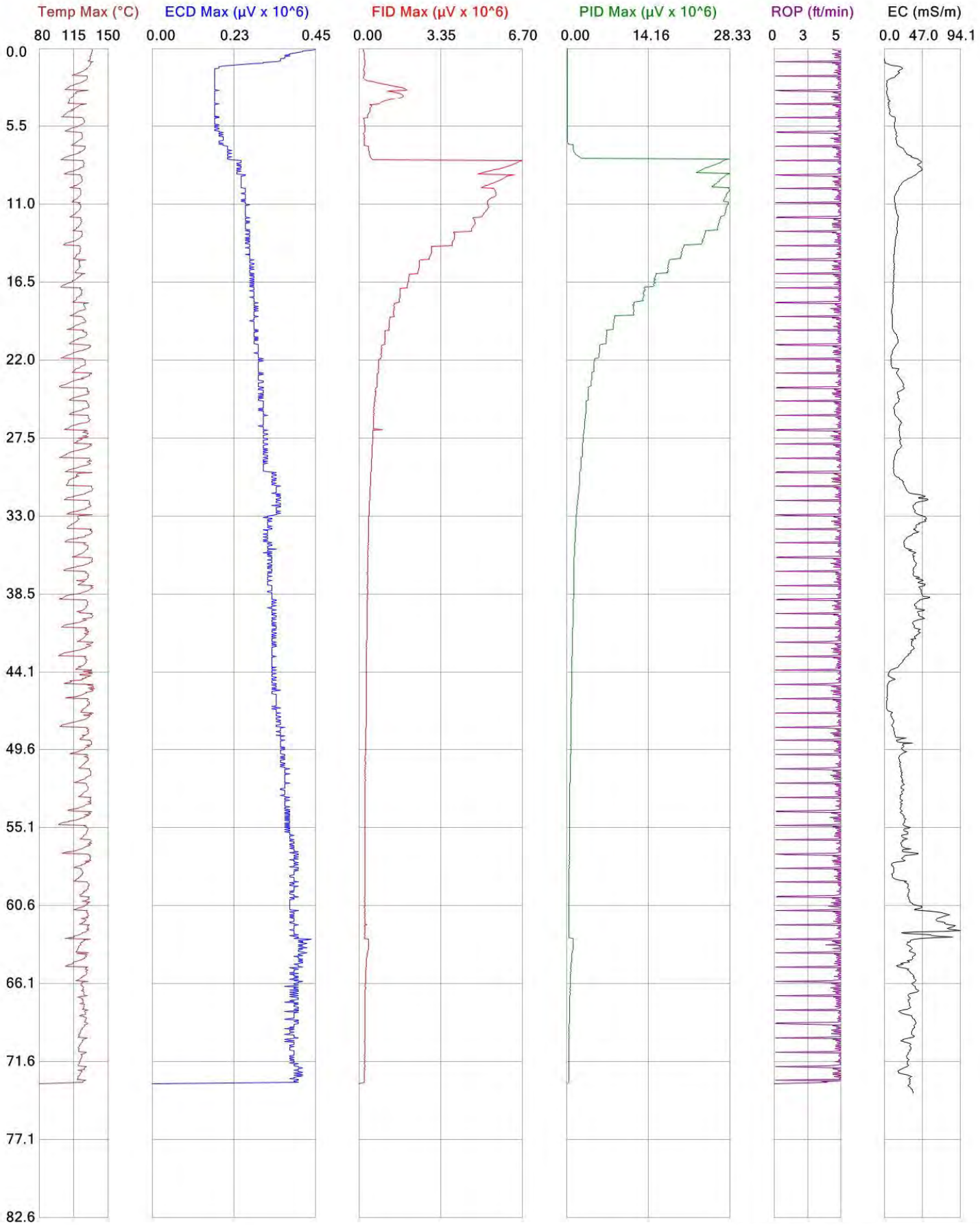
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

	File: MPSB0162
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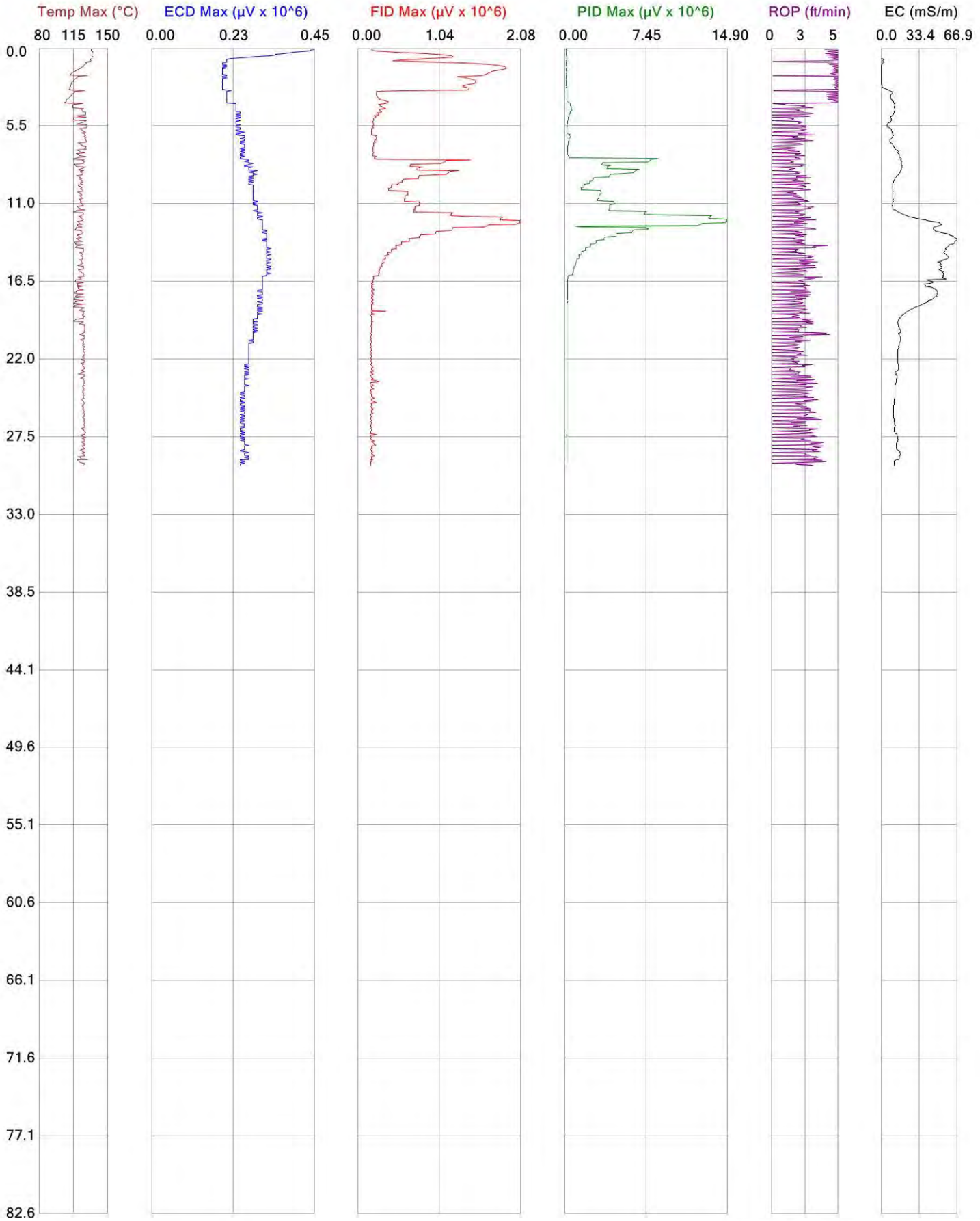
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



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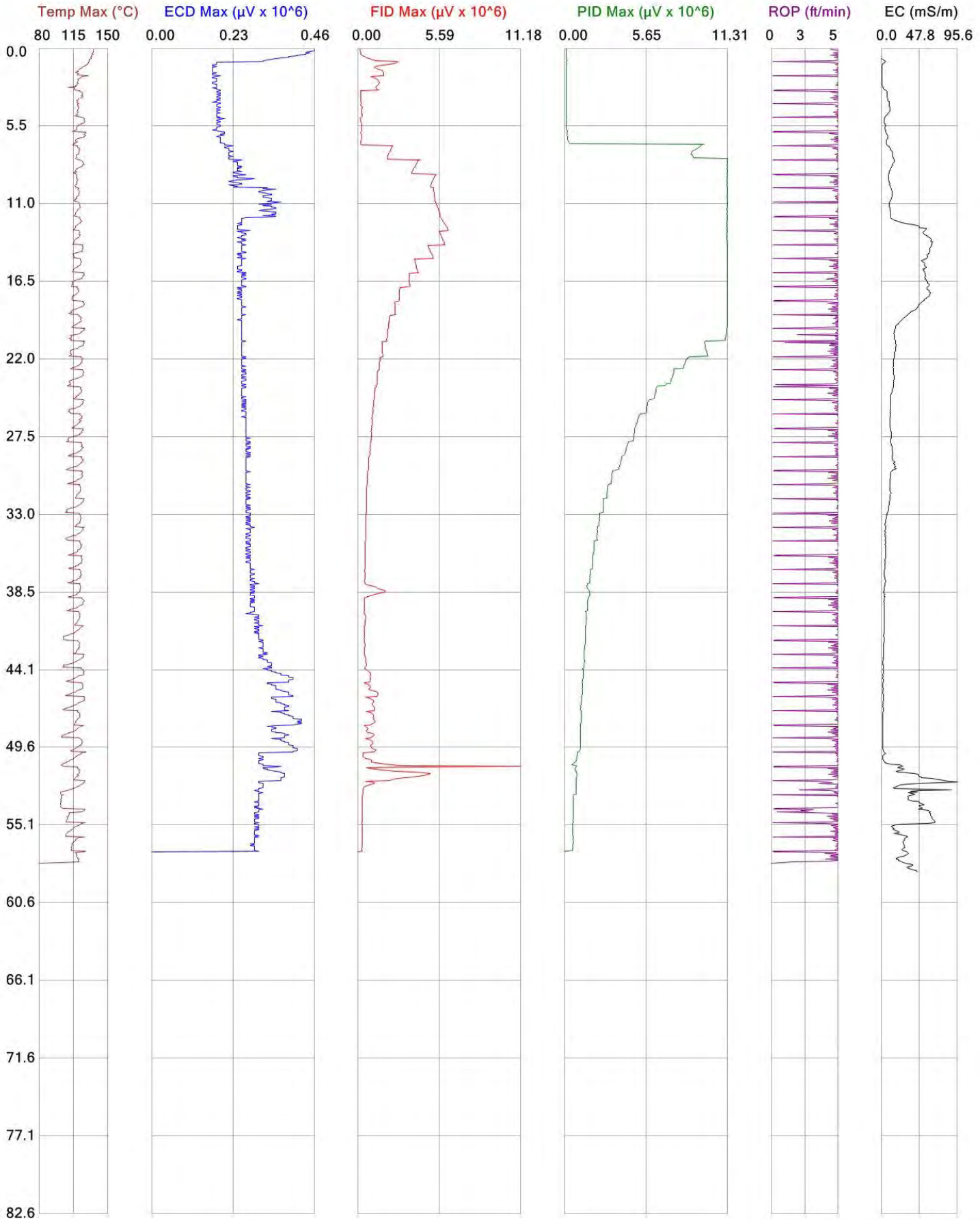

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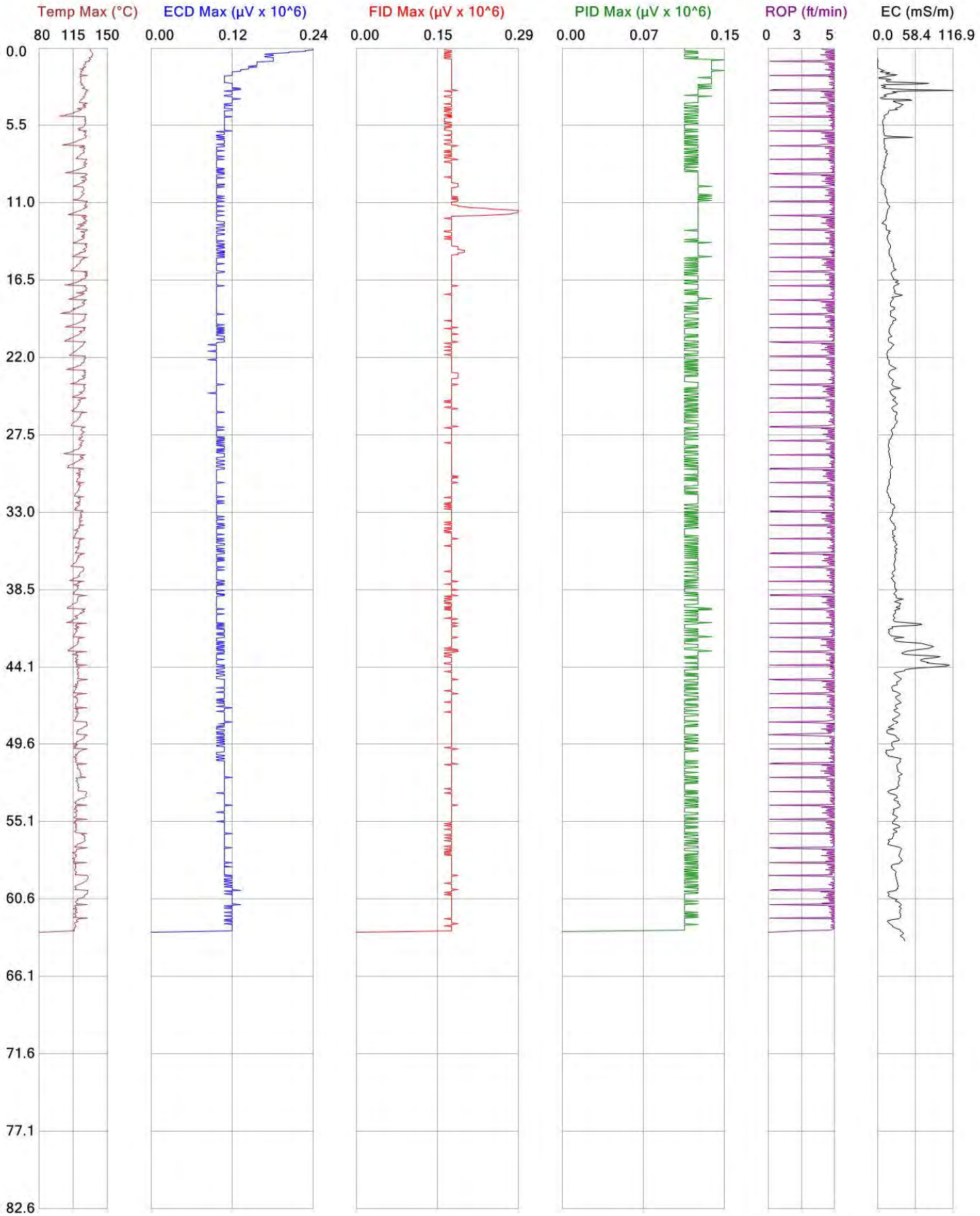

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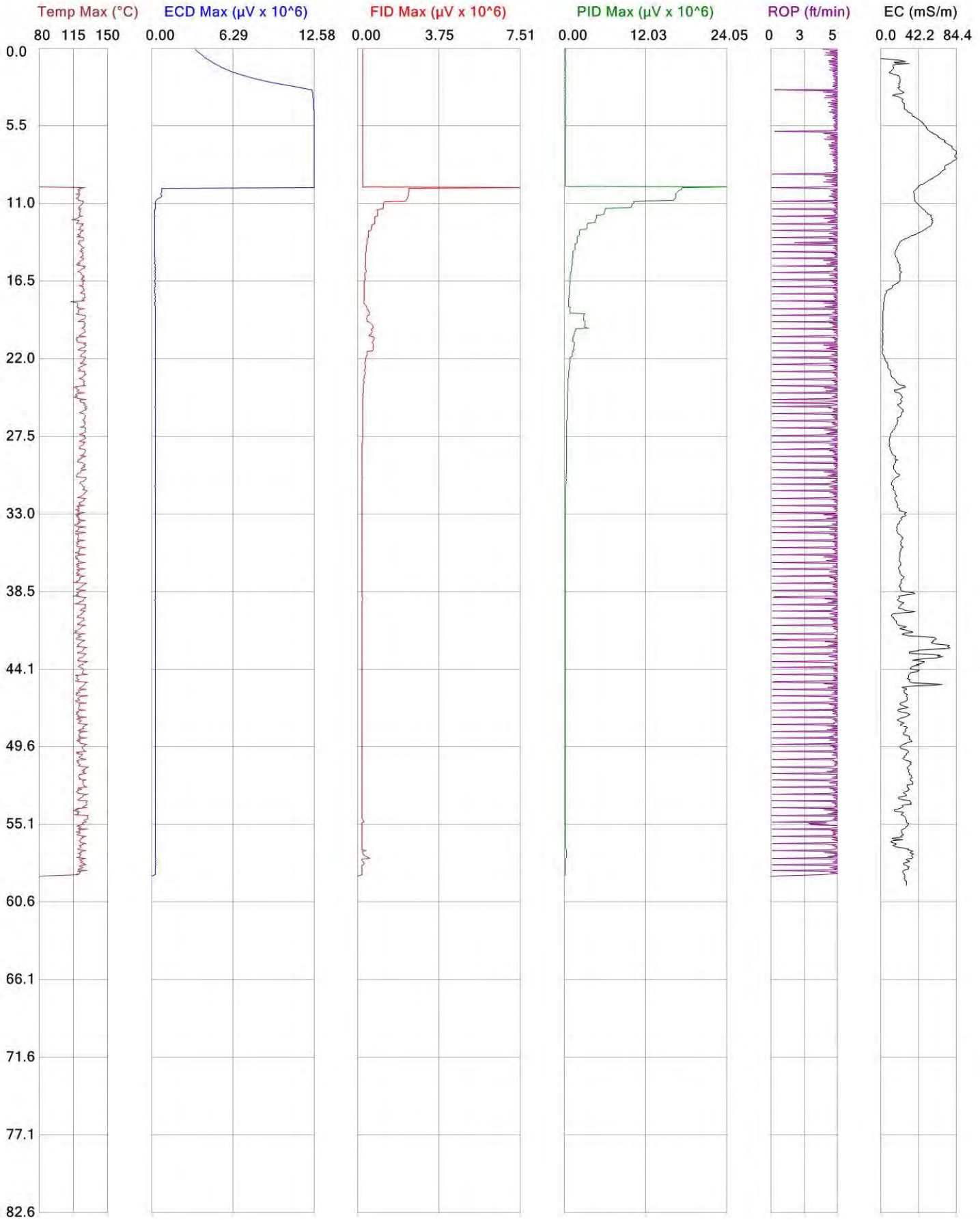

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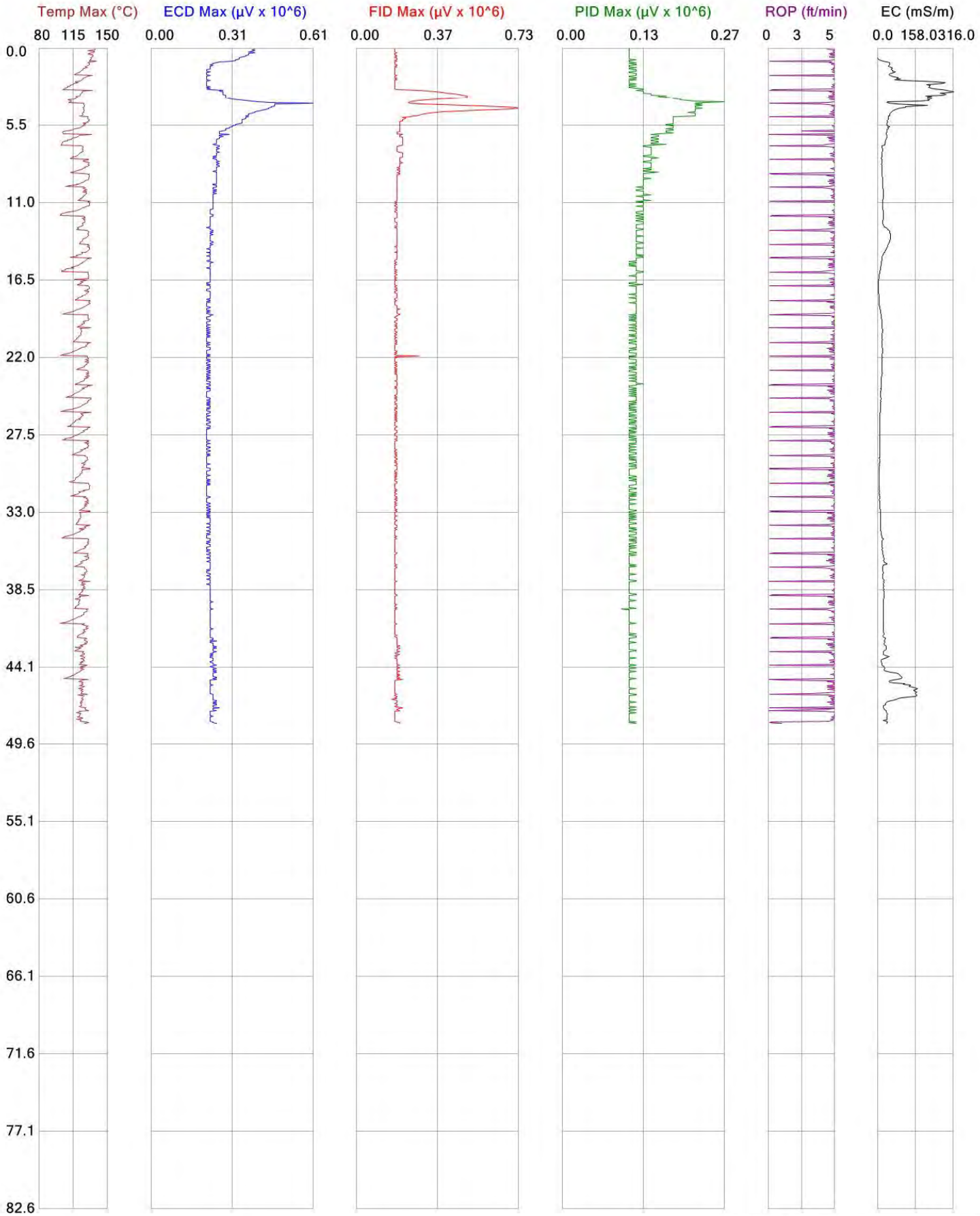

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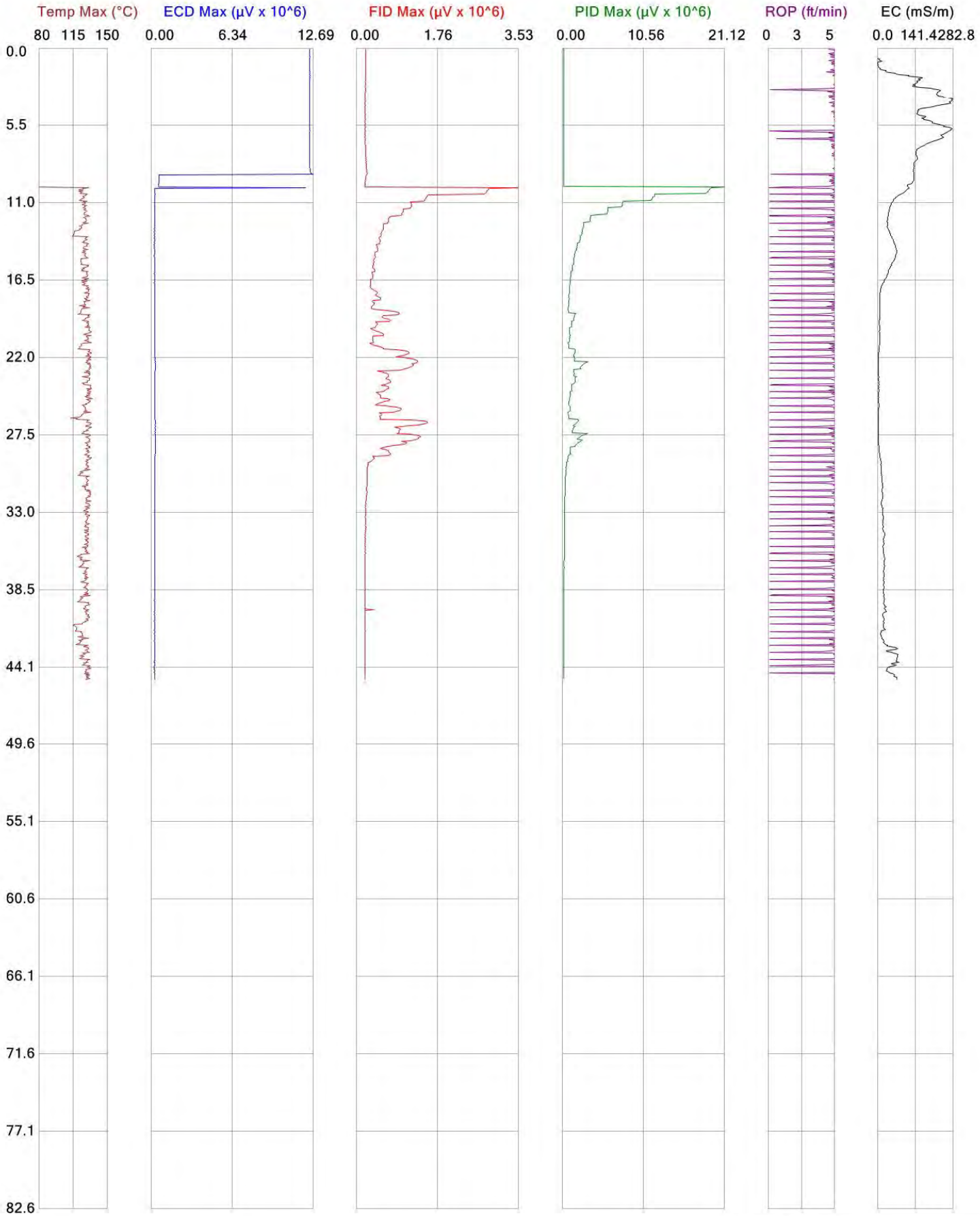

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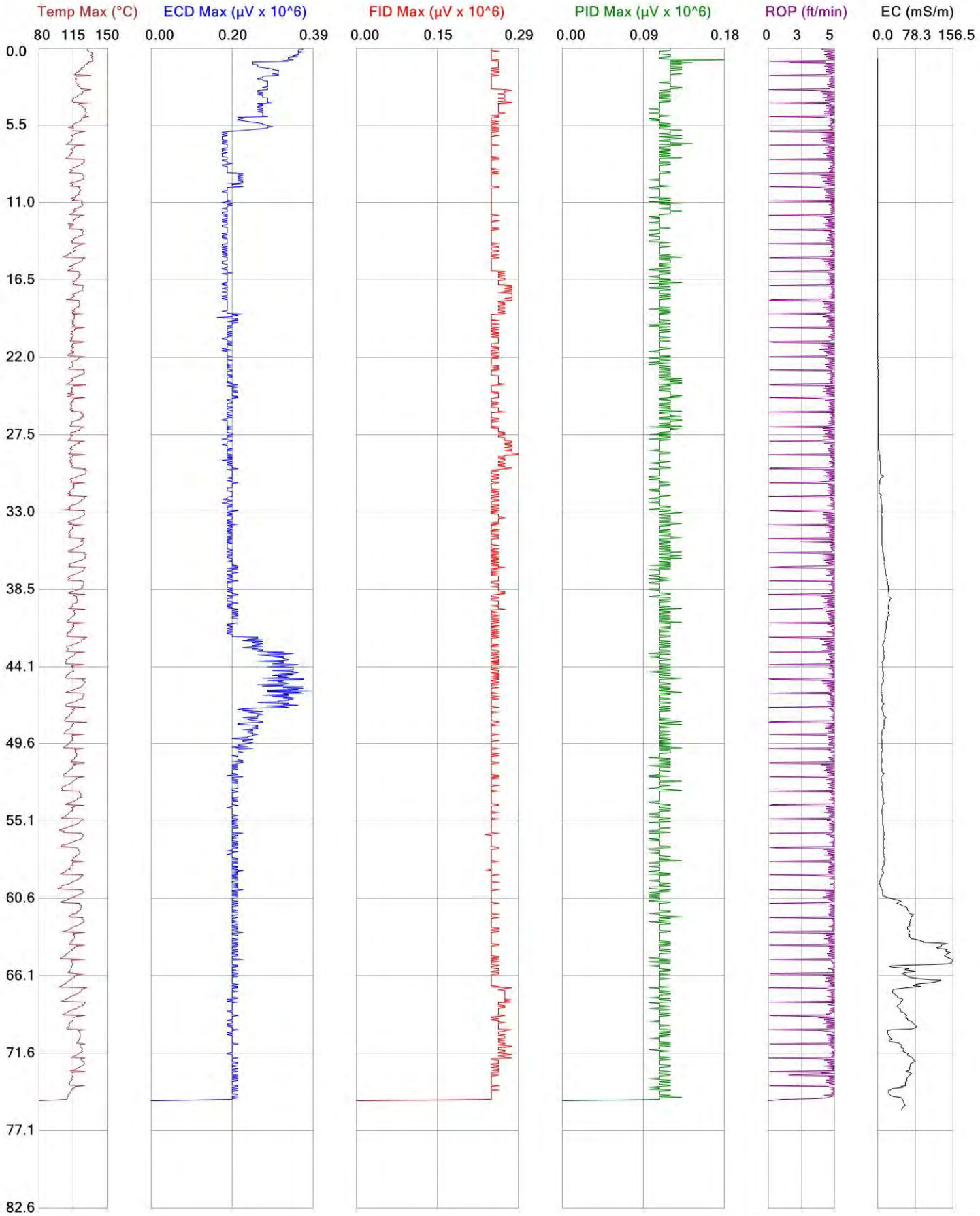

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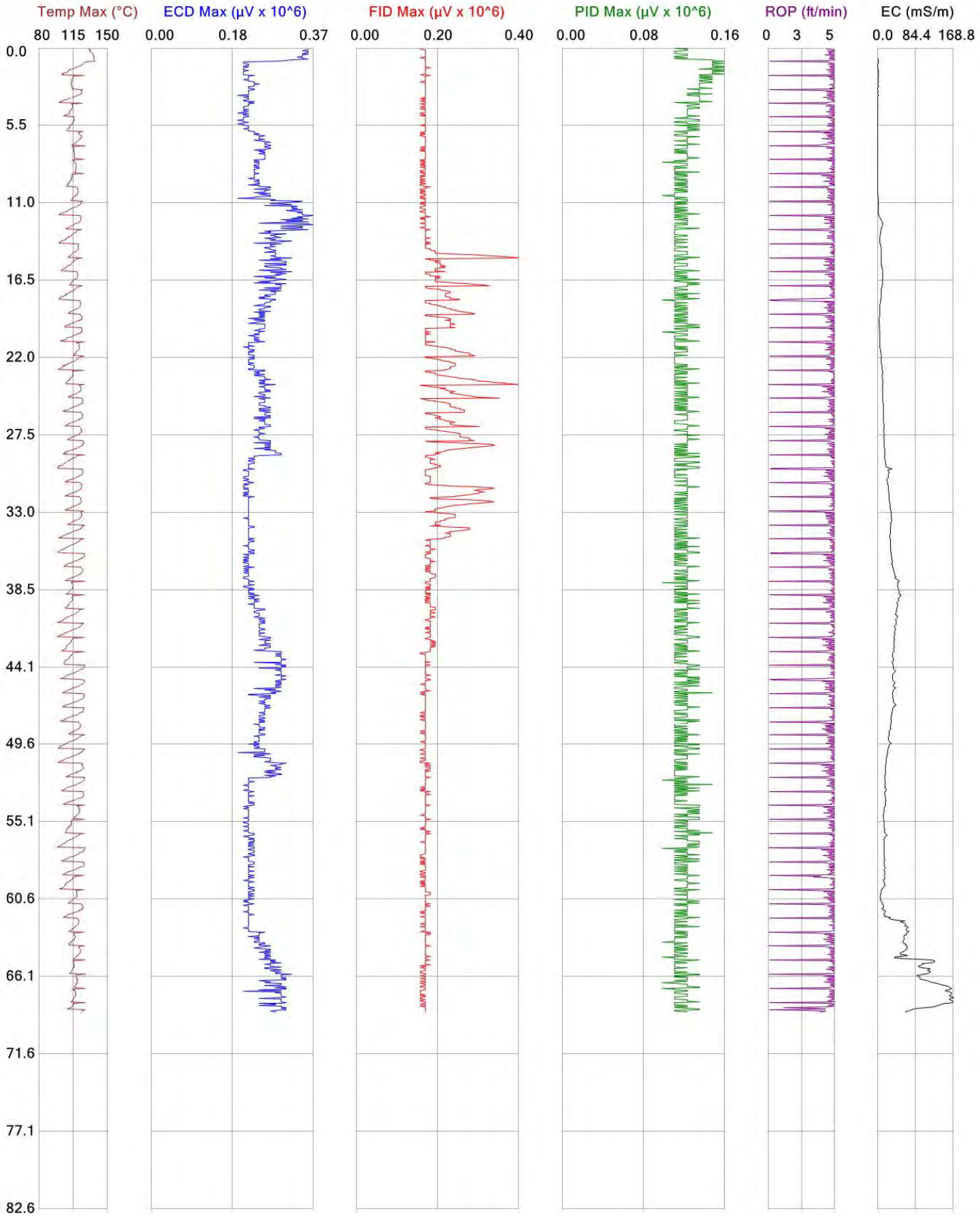

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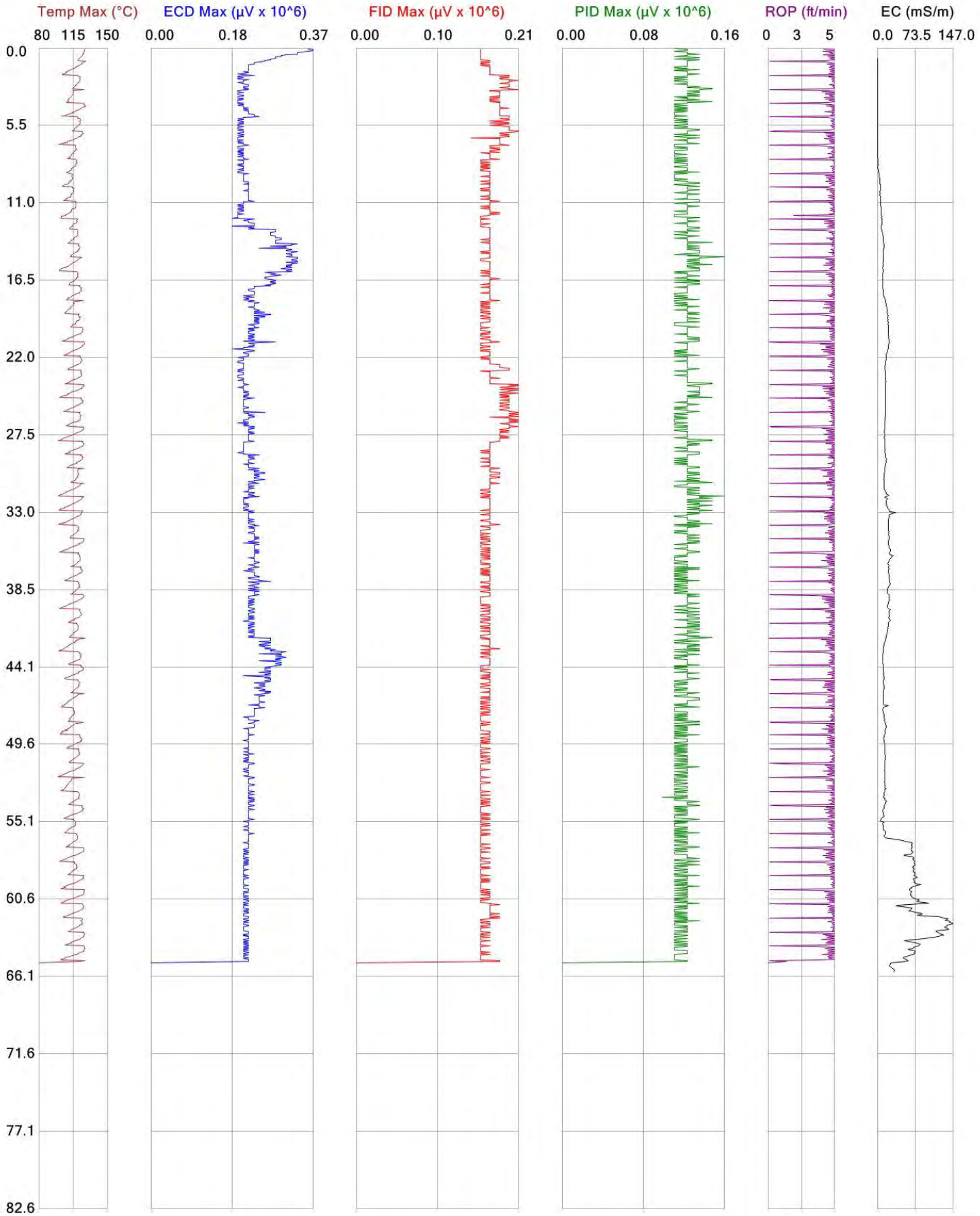

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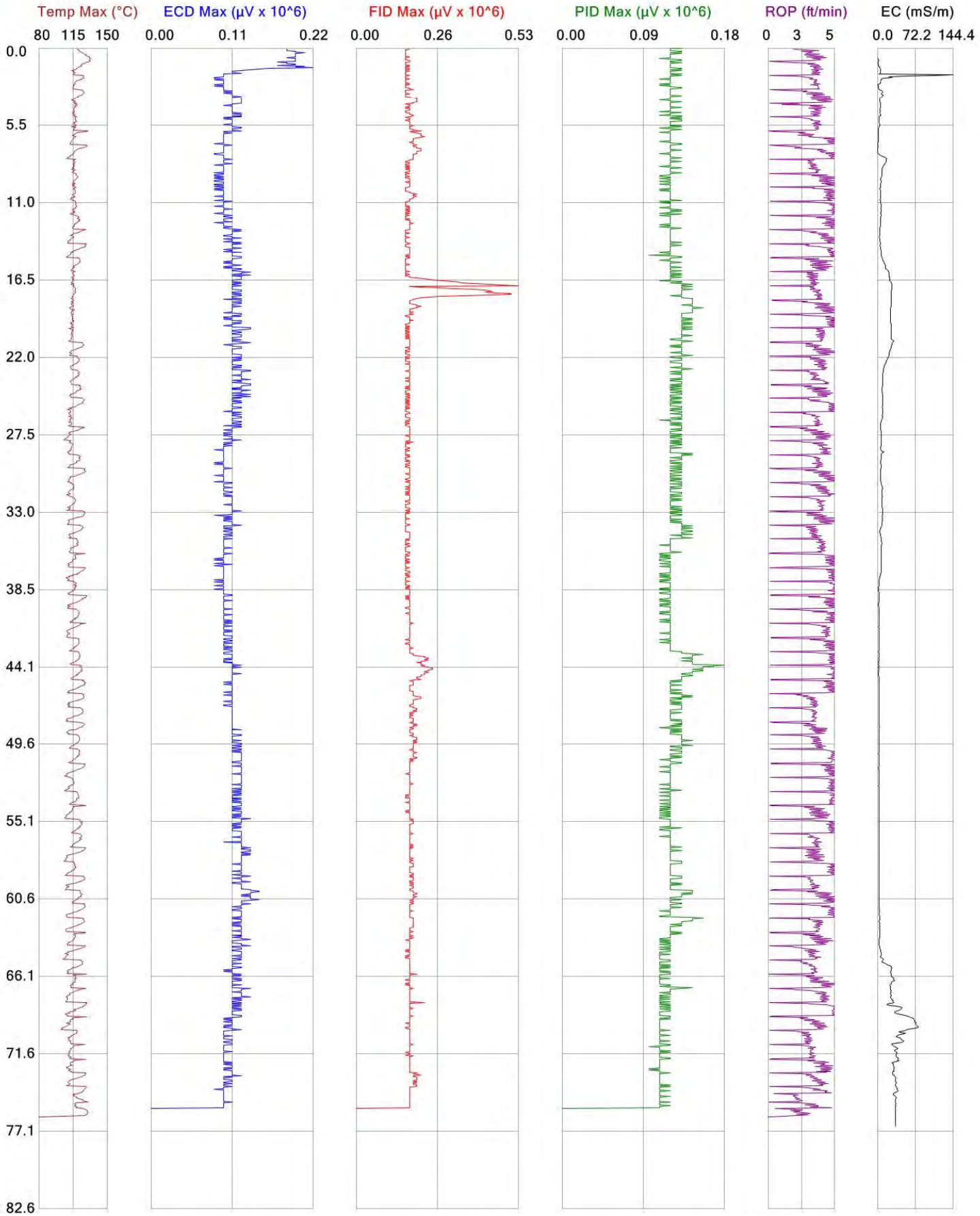

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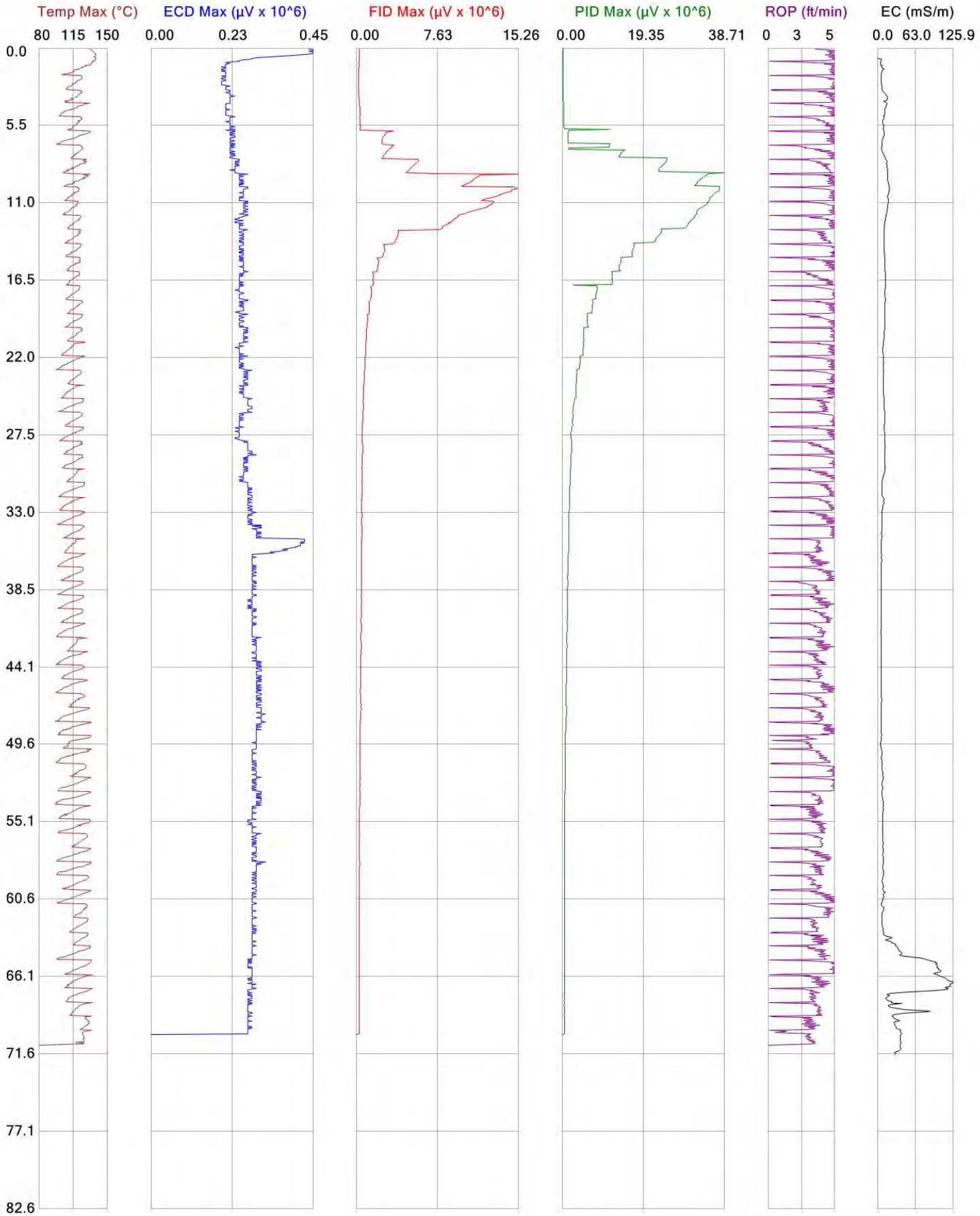

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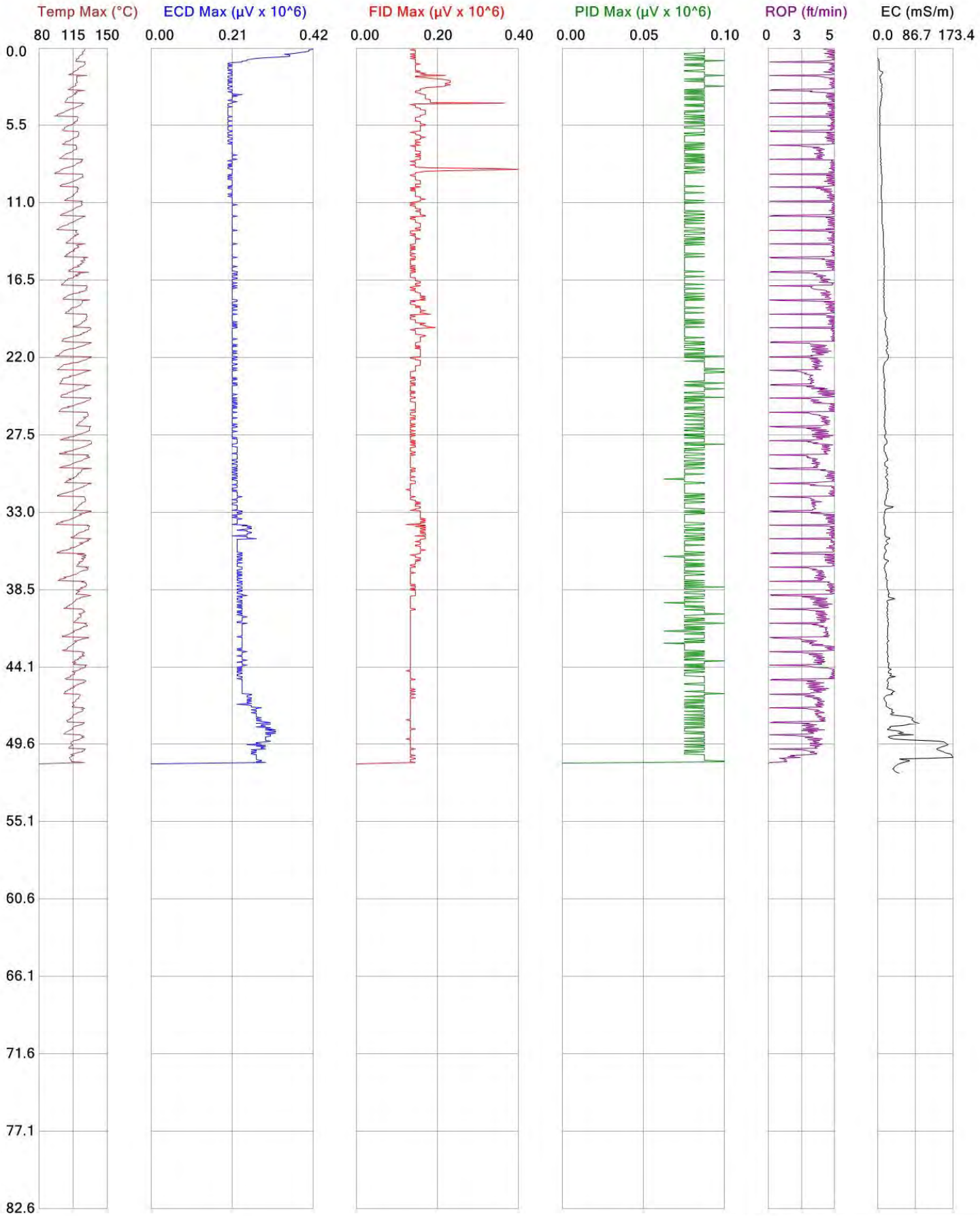

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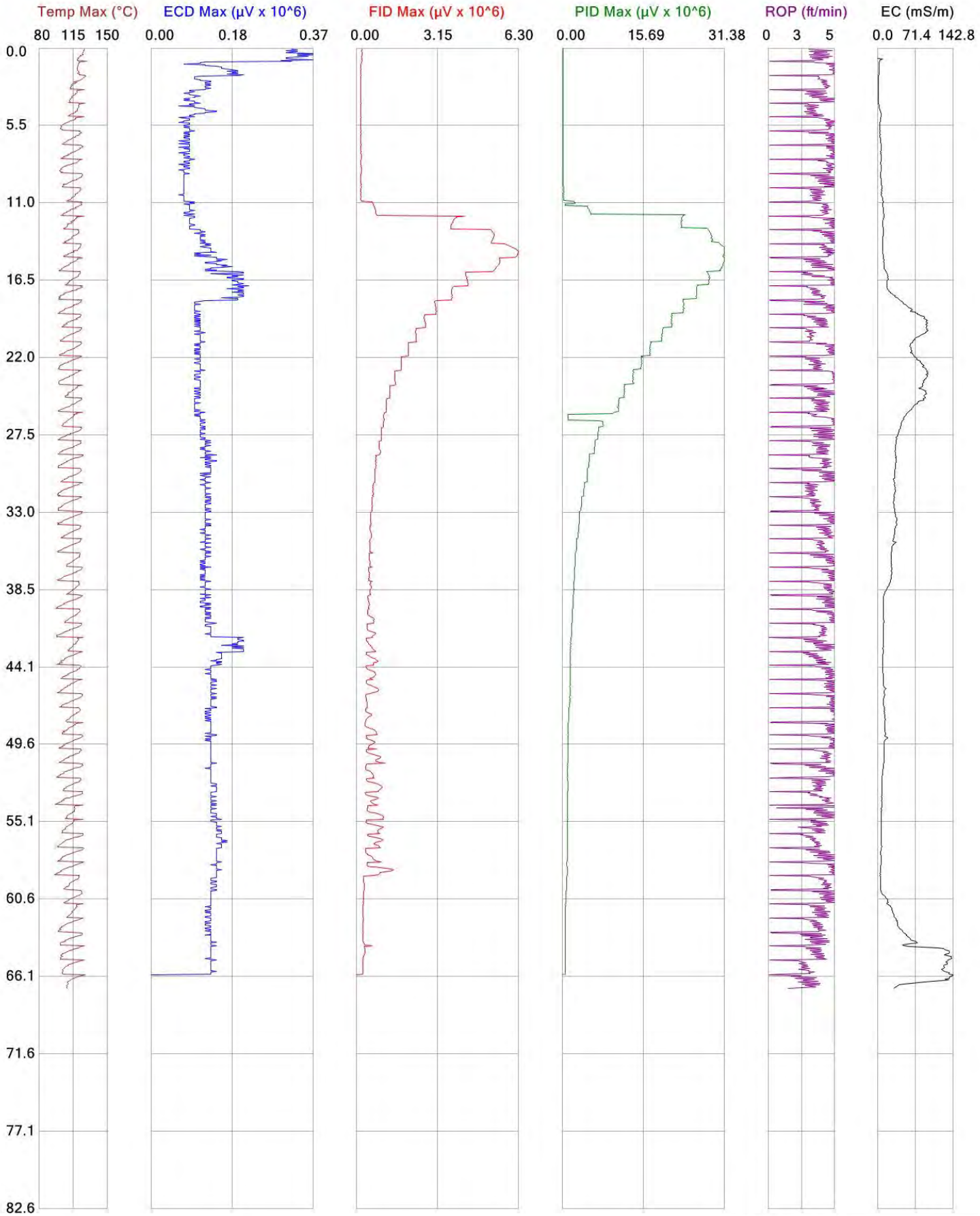

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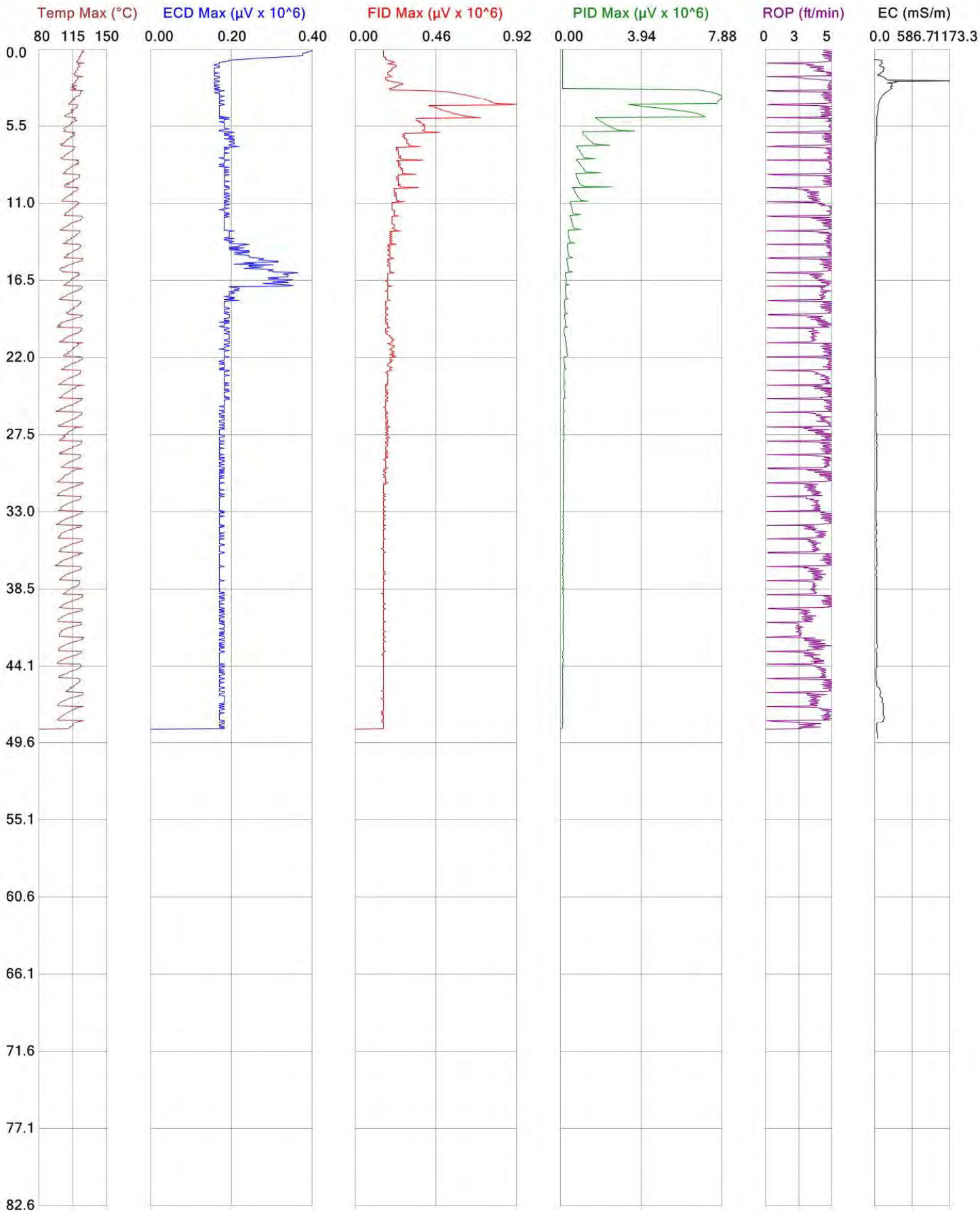

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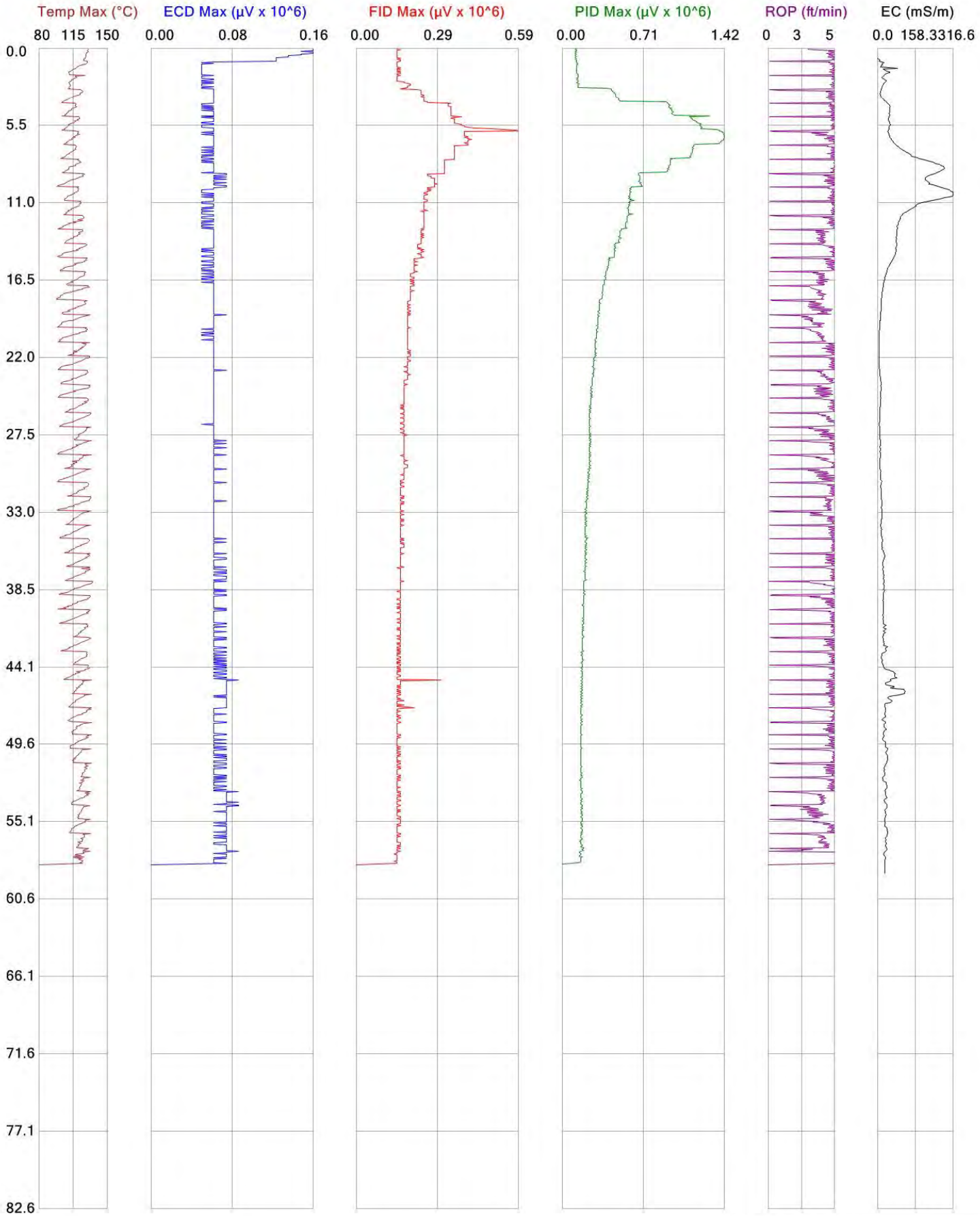

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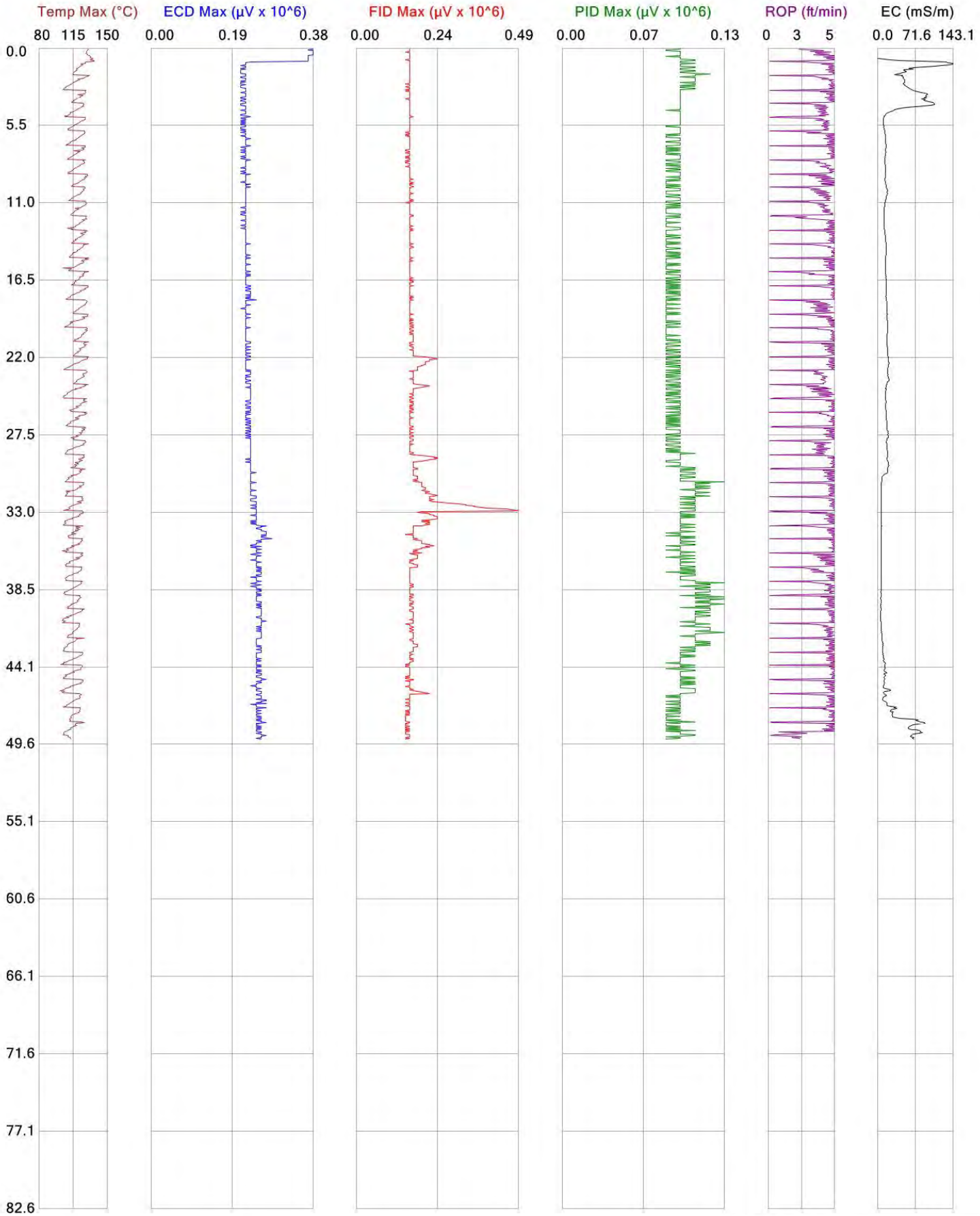
Project ID: Sherwin Williams Former Manufacturing Plant	Location:

COLUMBIA TECHNOLOGIES



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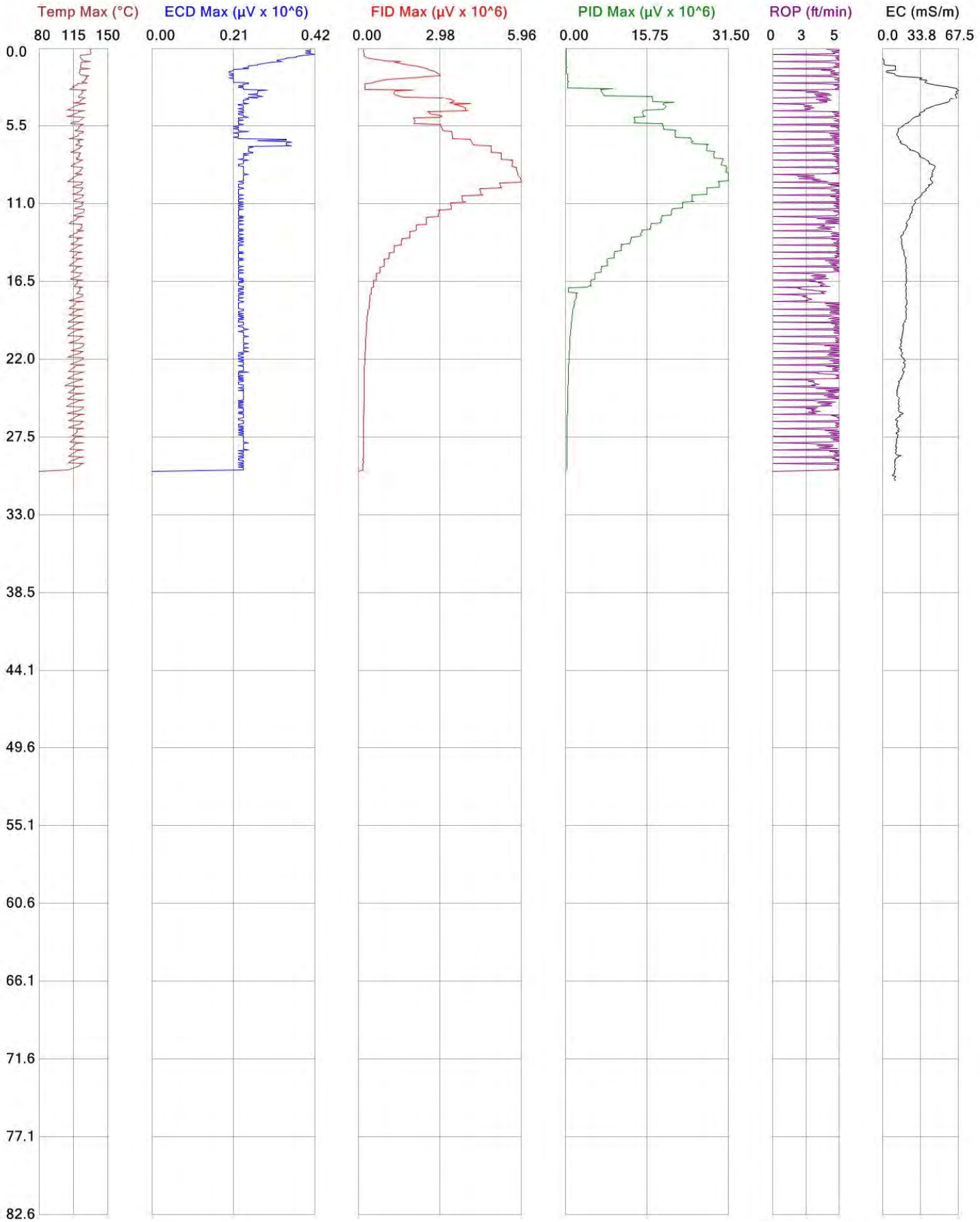
COLUMBIA TECHNOLOGIES



COLUMBIA TECHNOLOGIES

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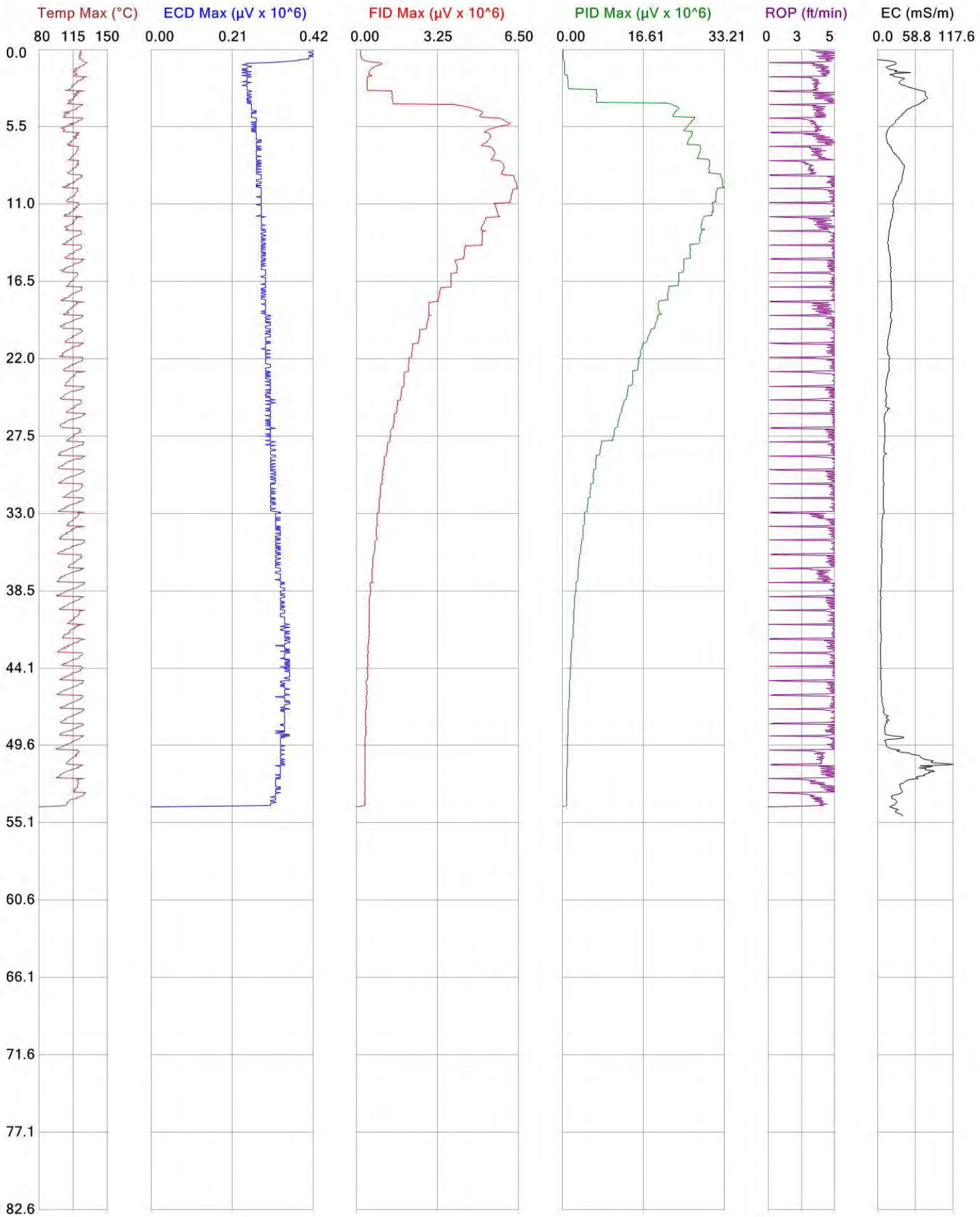
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



COLUMBIA TECHNOLOGIES

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Project ID: Sherwin Williams Former Manufacturing Plant	Location:

APPENDIX B

MIP Logs (Collective Scale)

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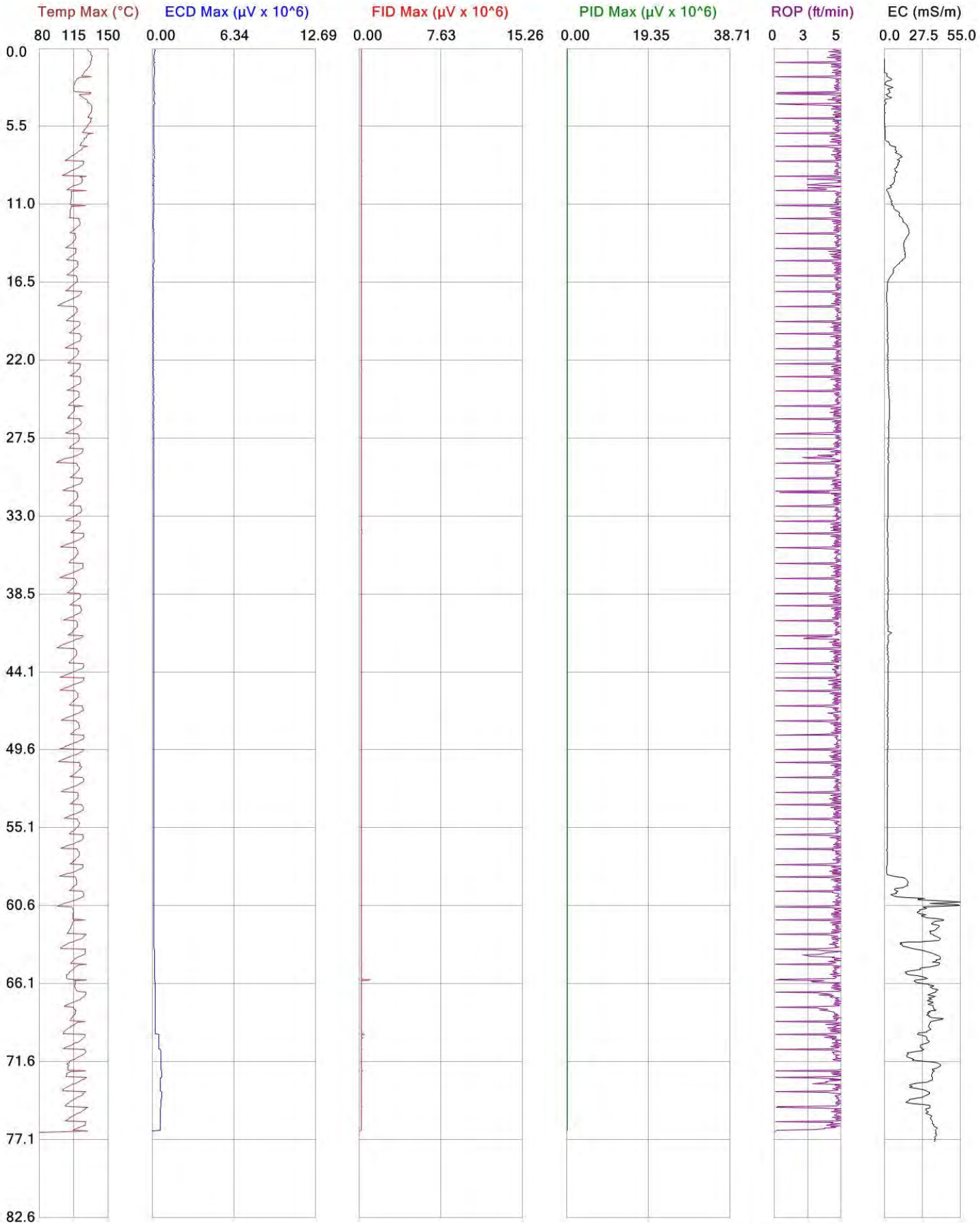

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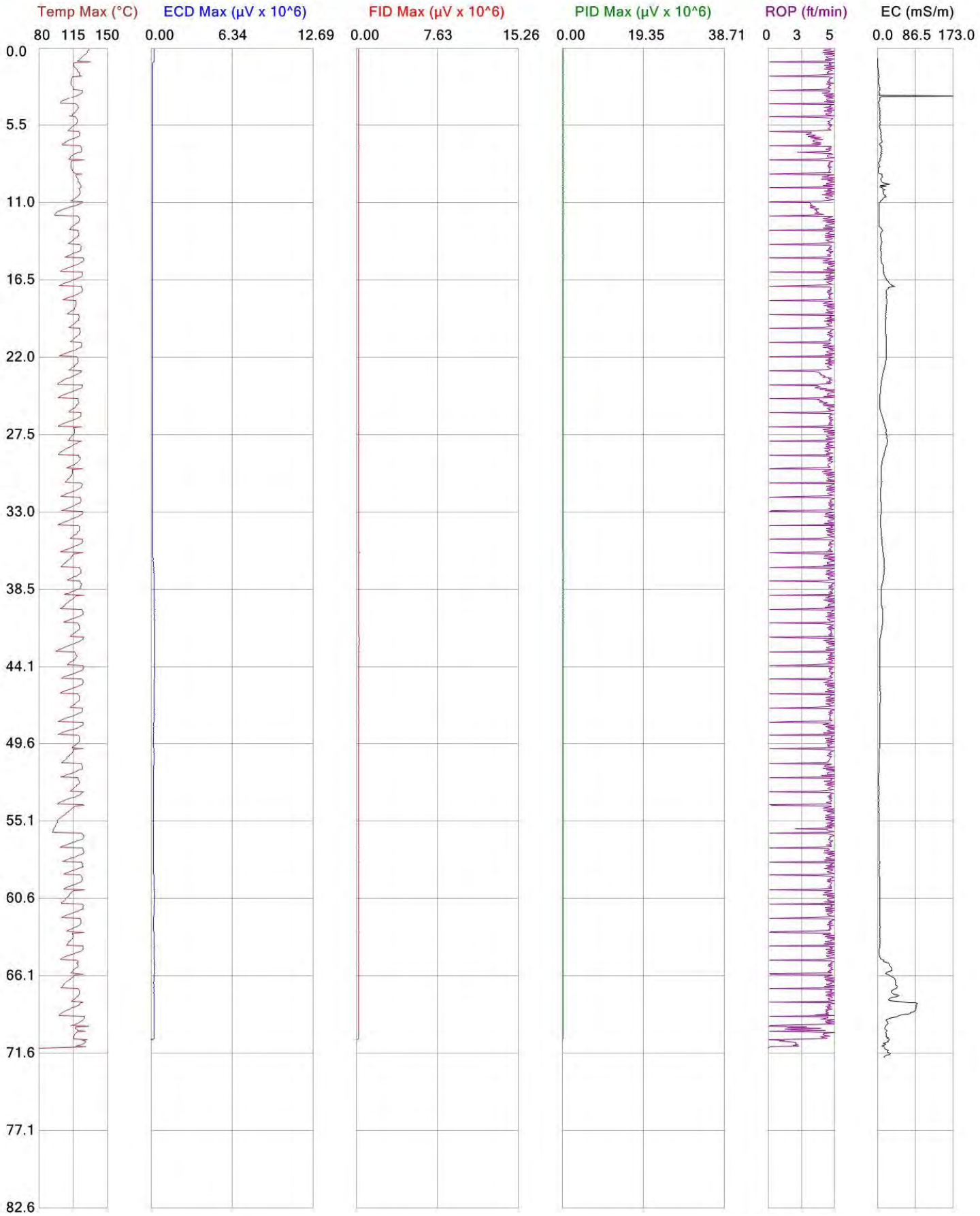

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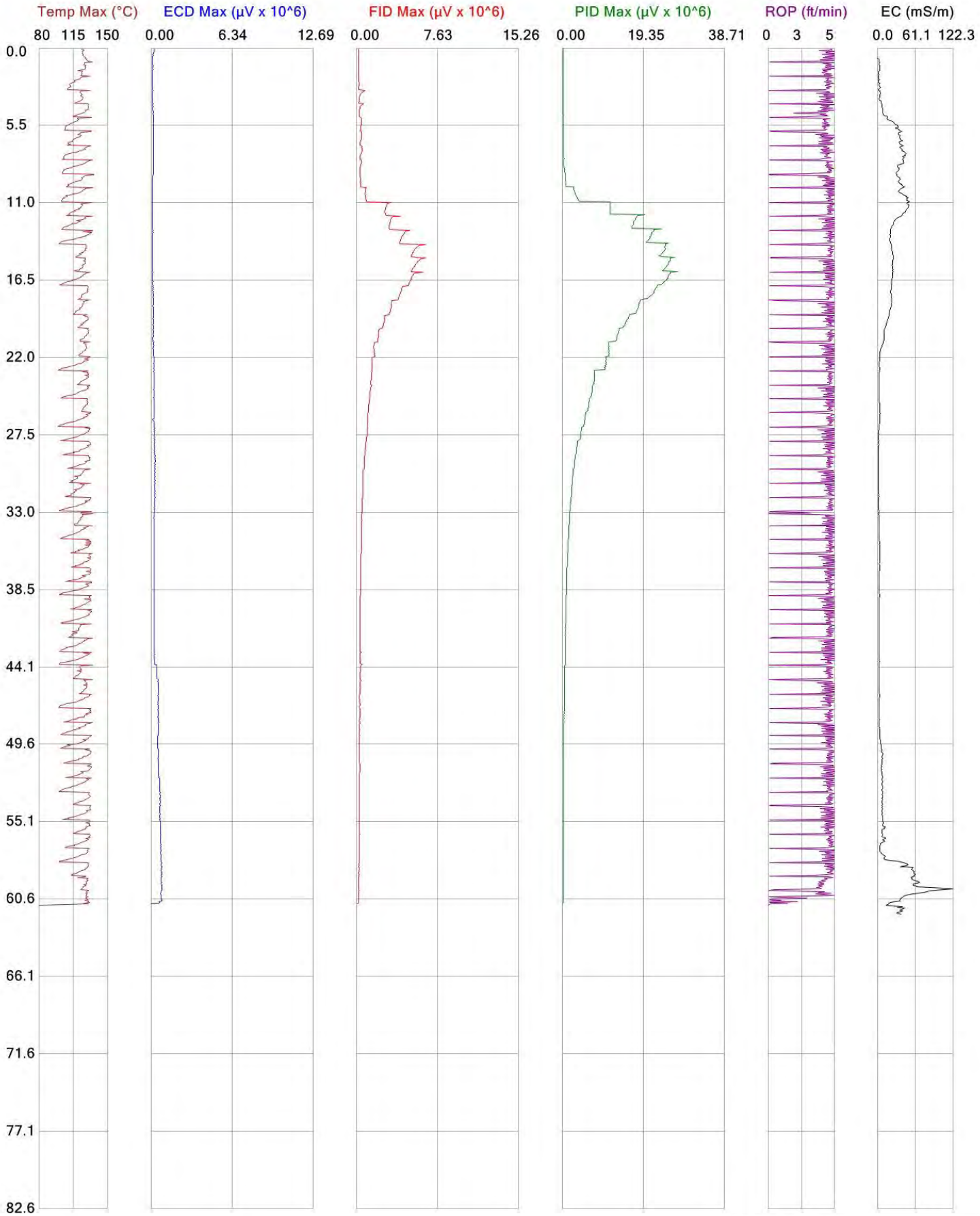
Project ID: Sherwin Williams Former Manufacturing Plant	Location:



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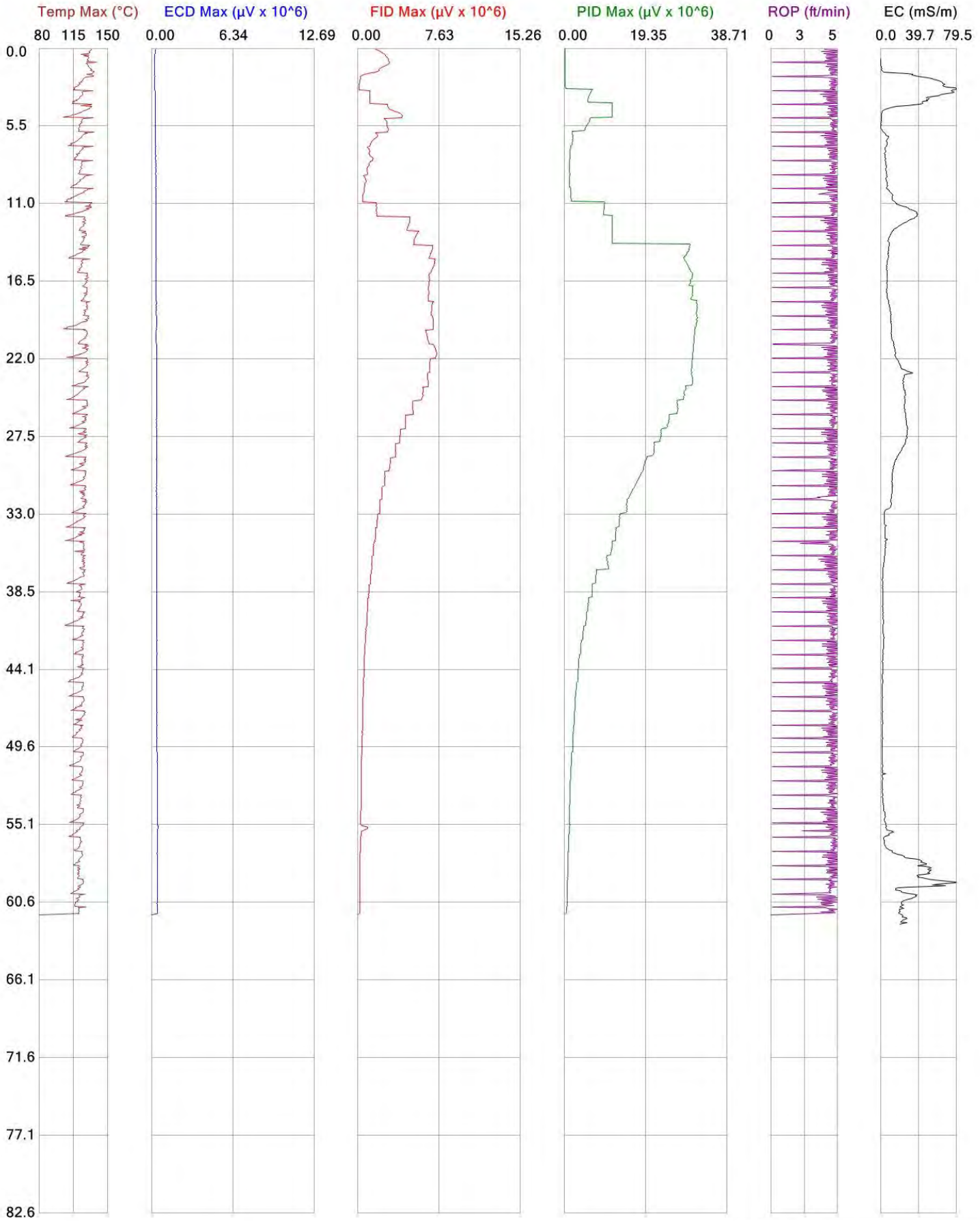

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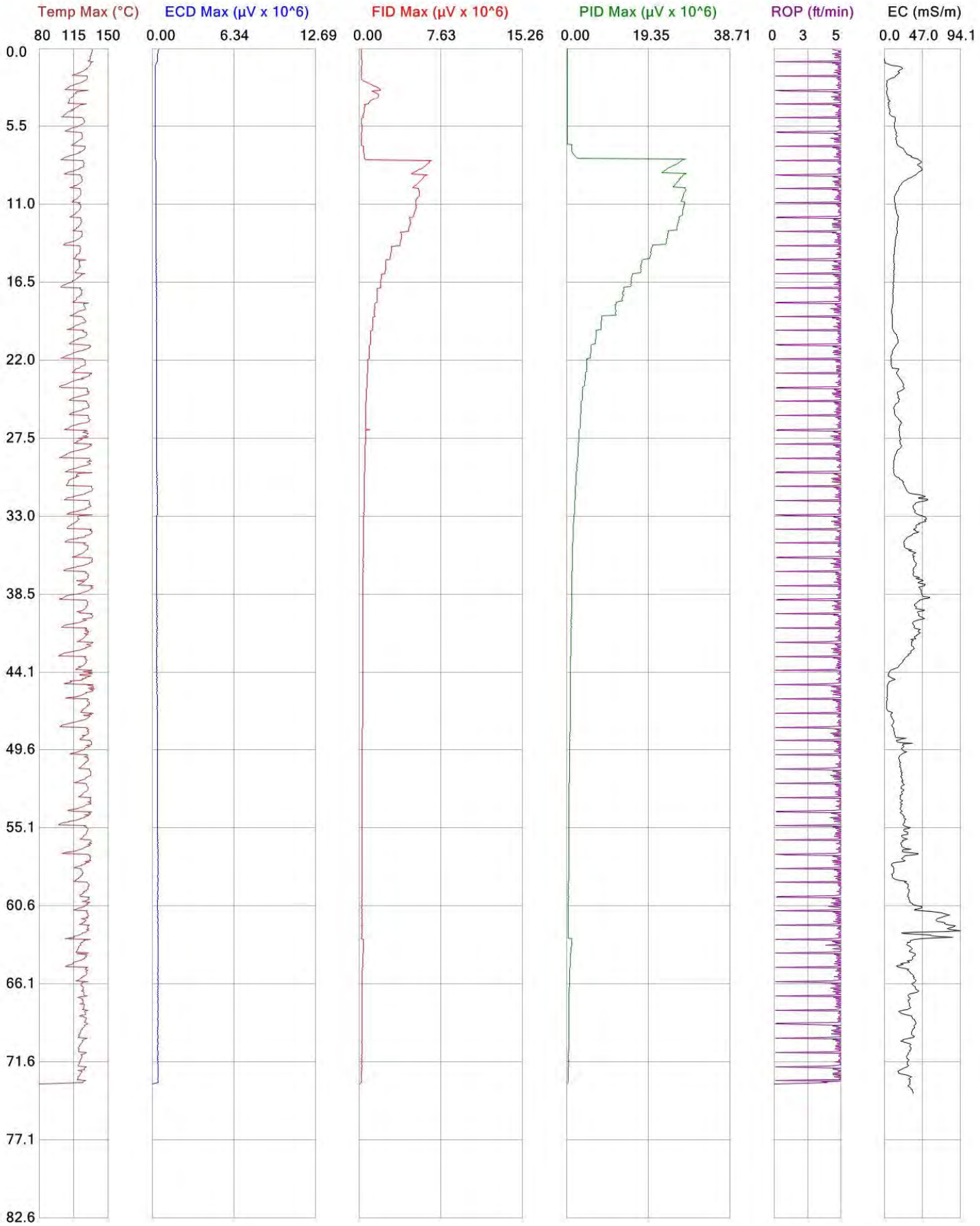

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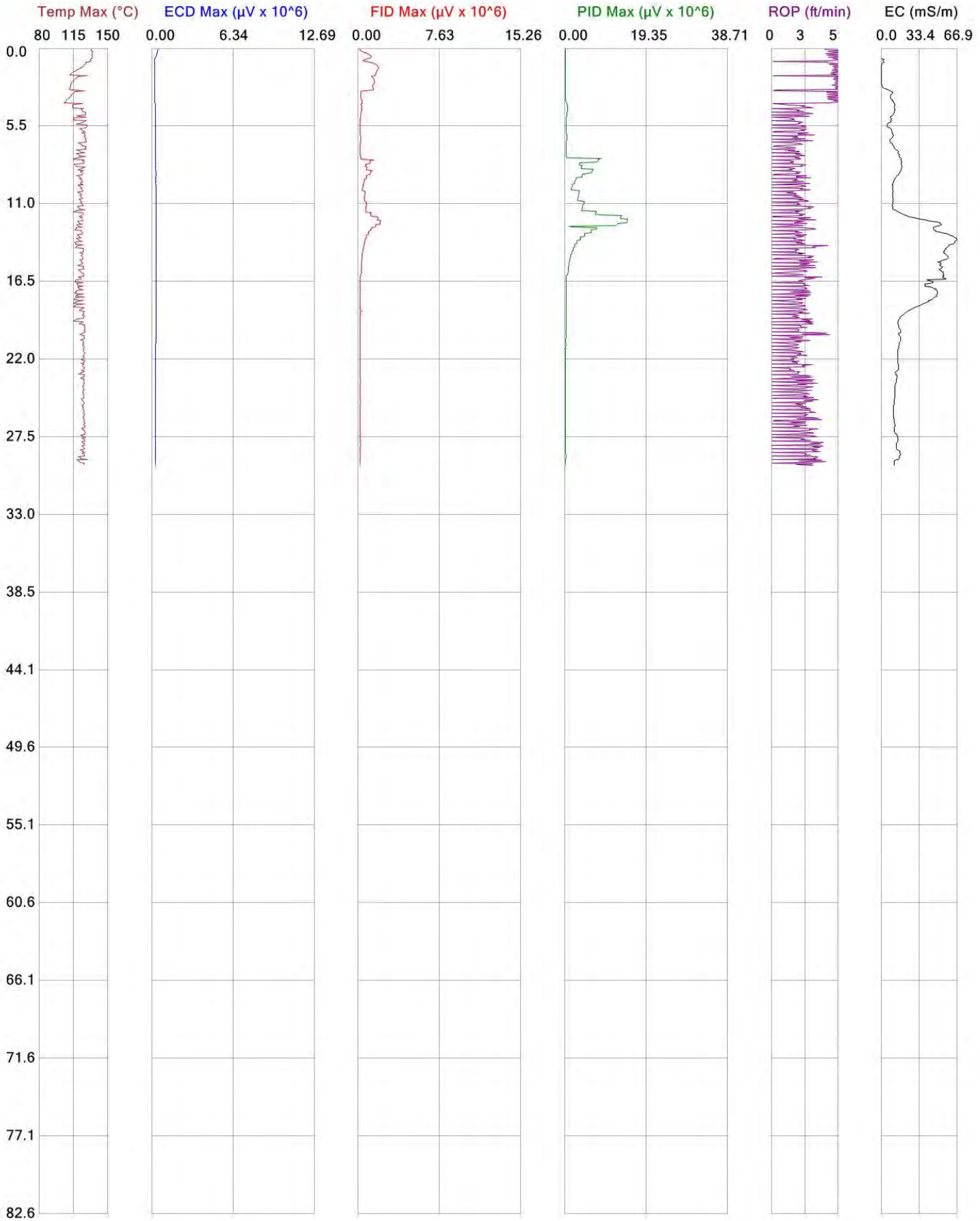

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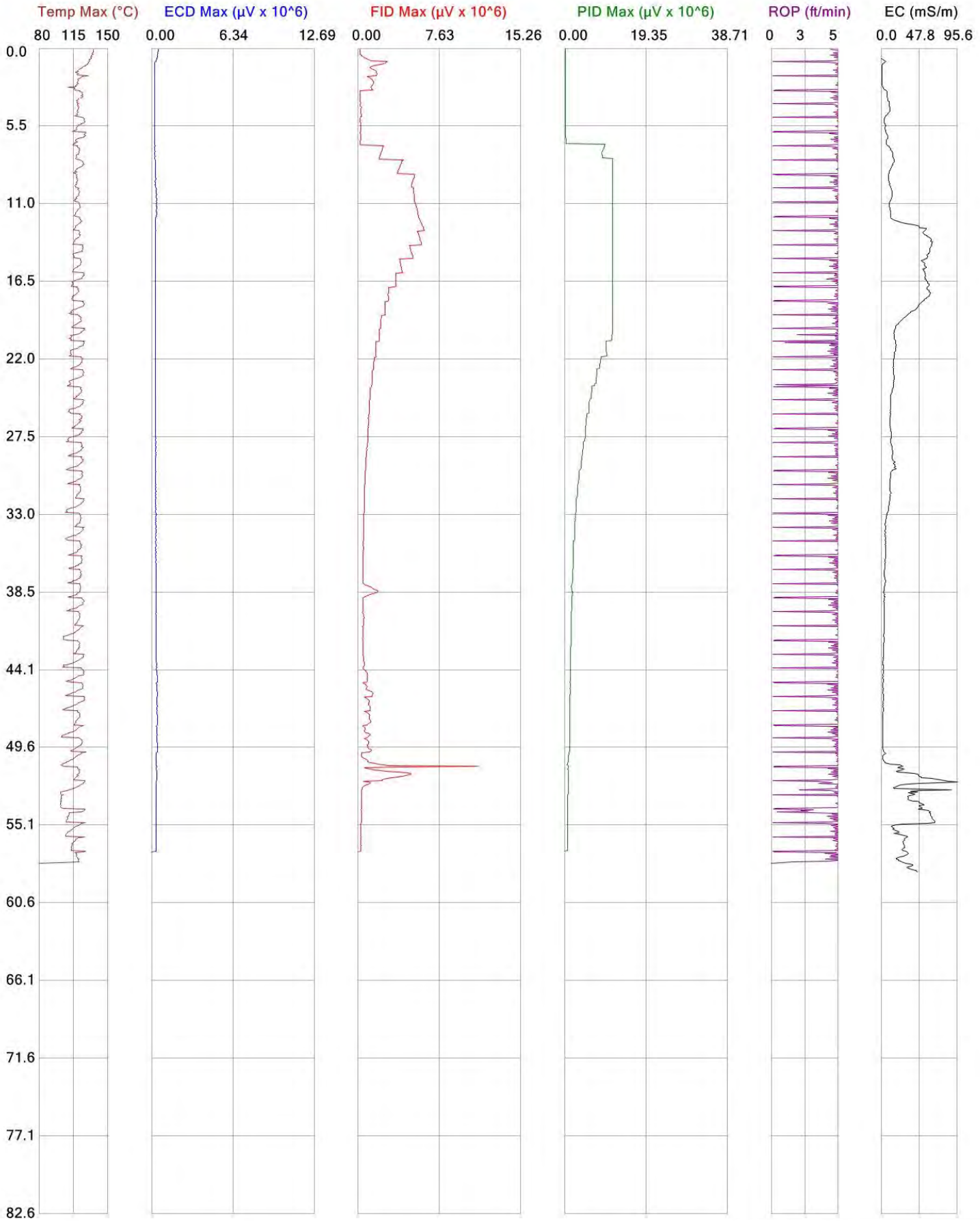

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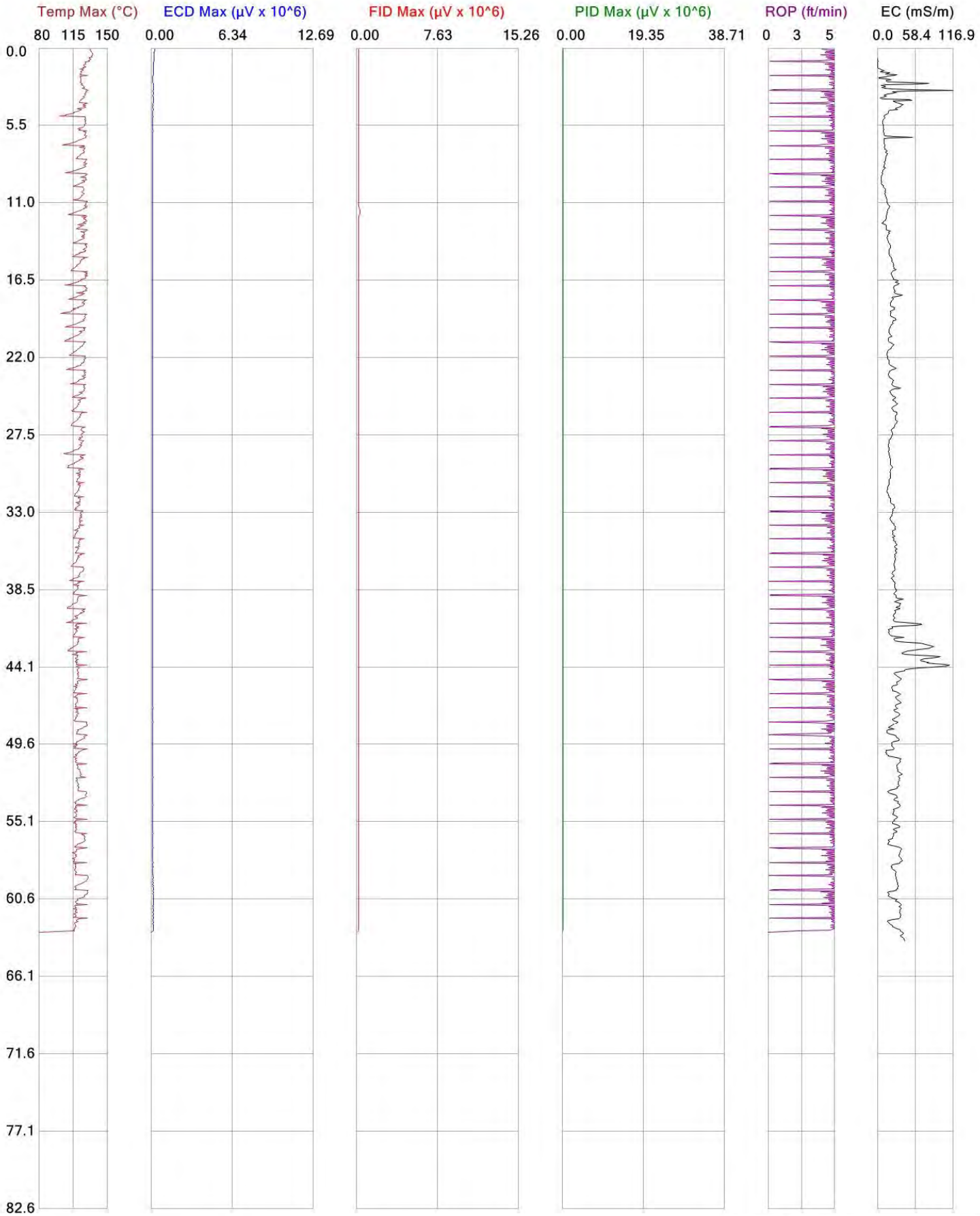

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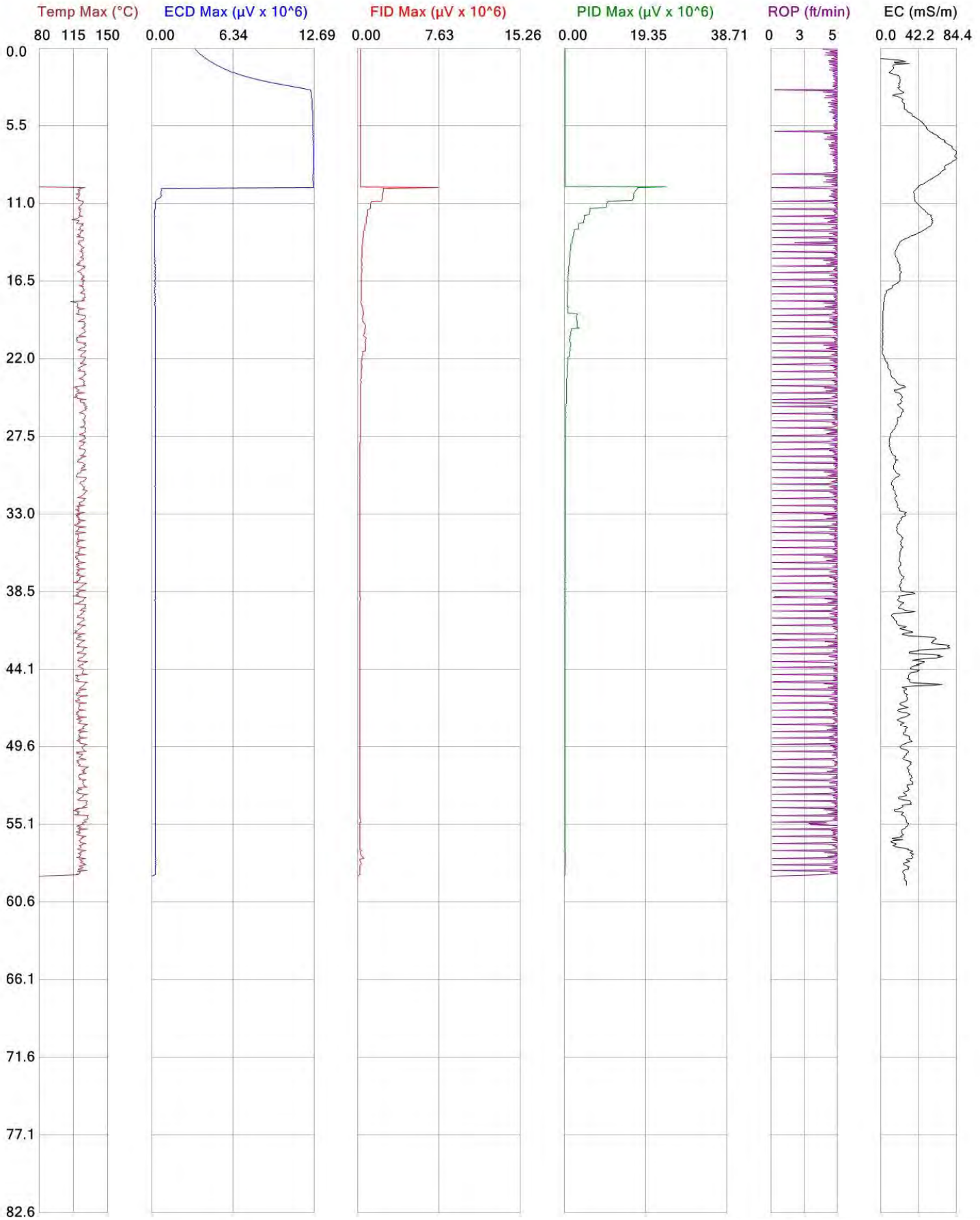

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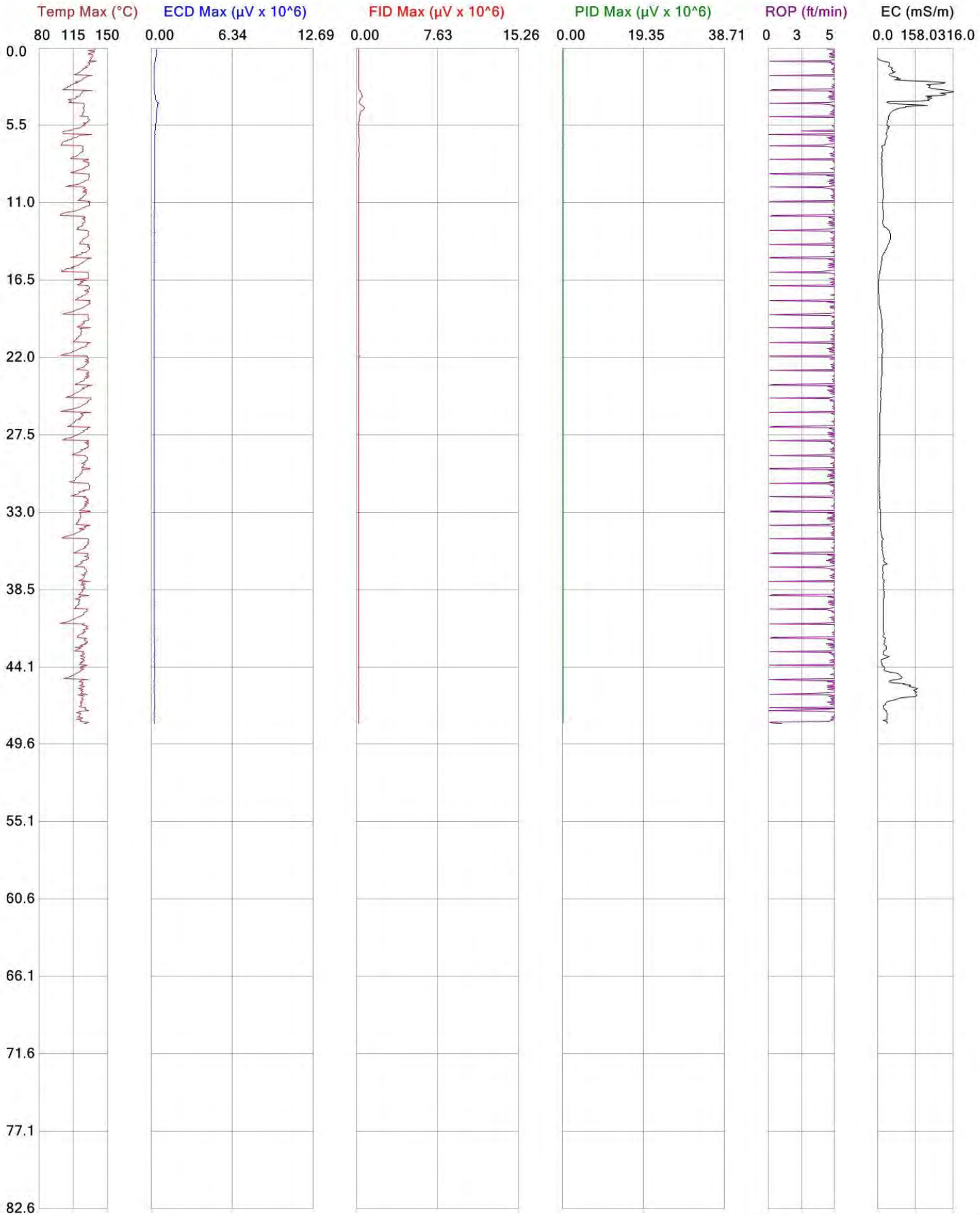

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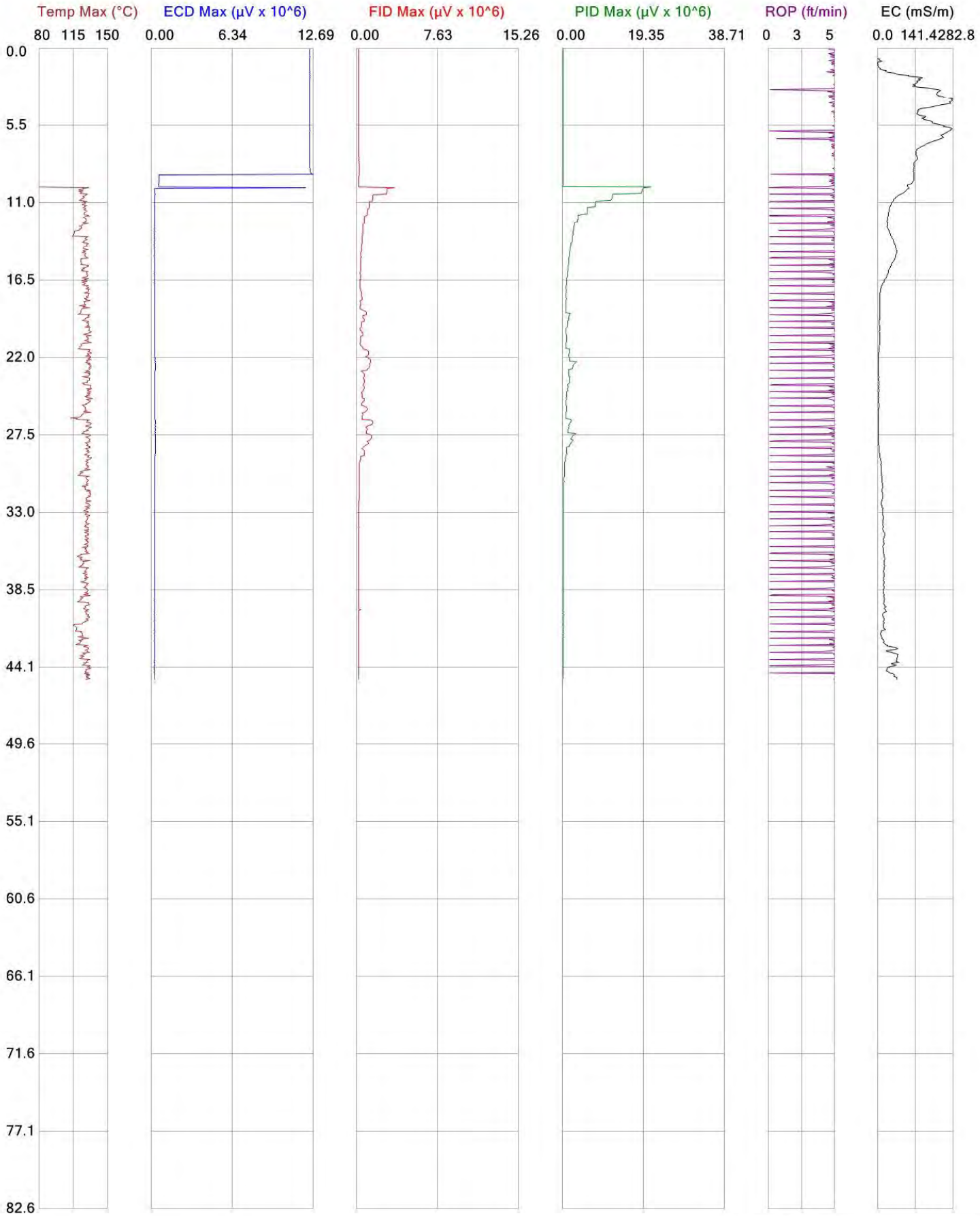

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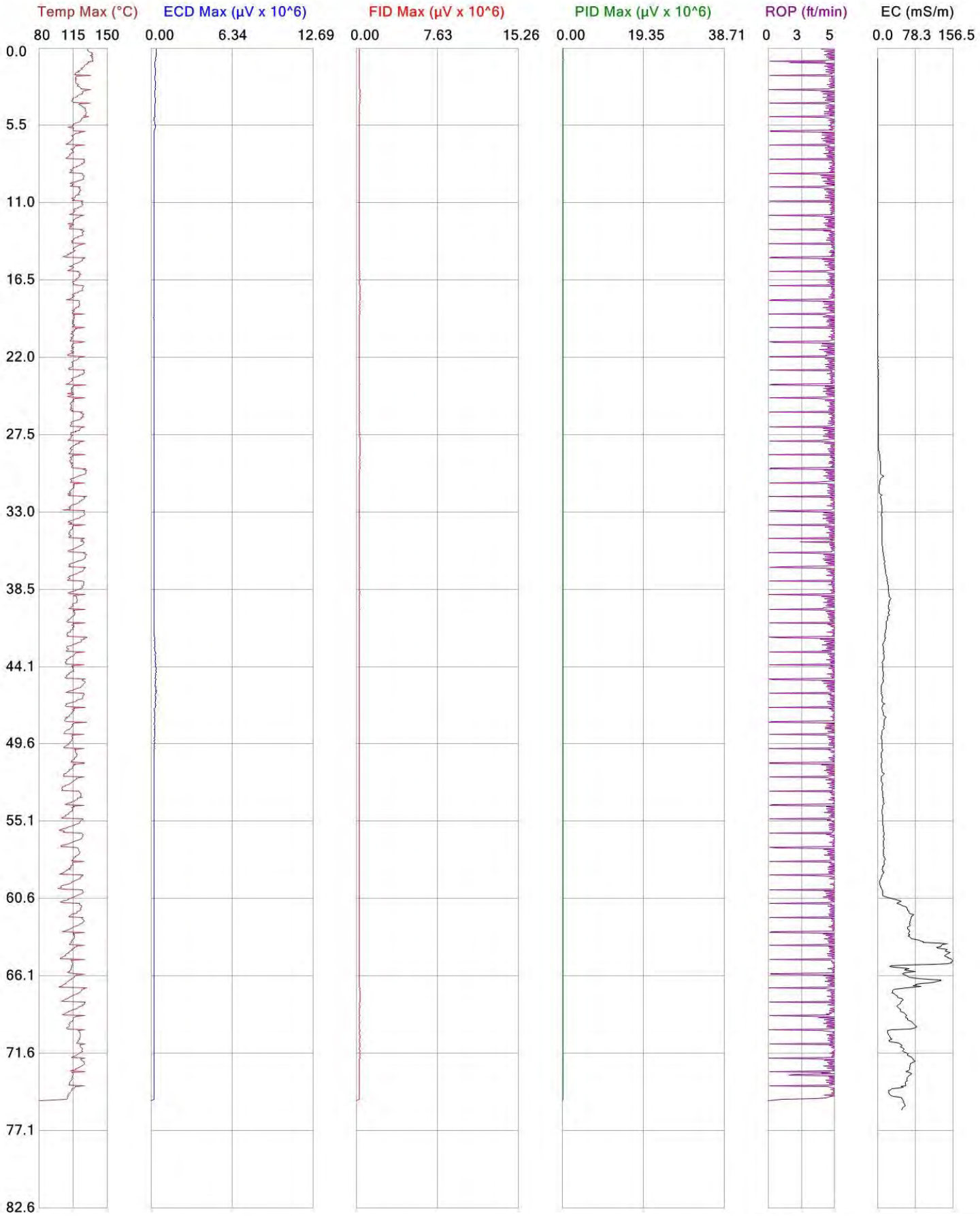

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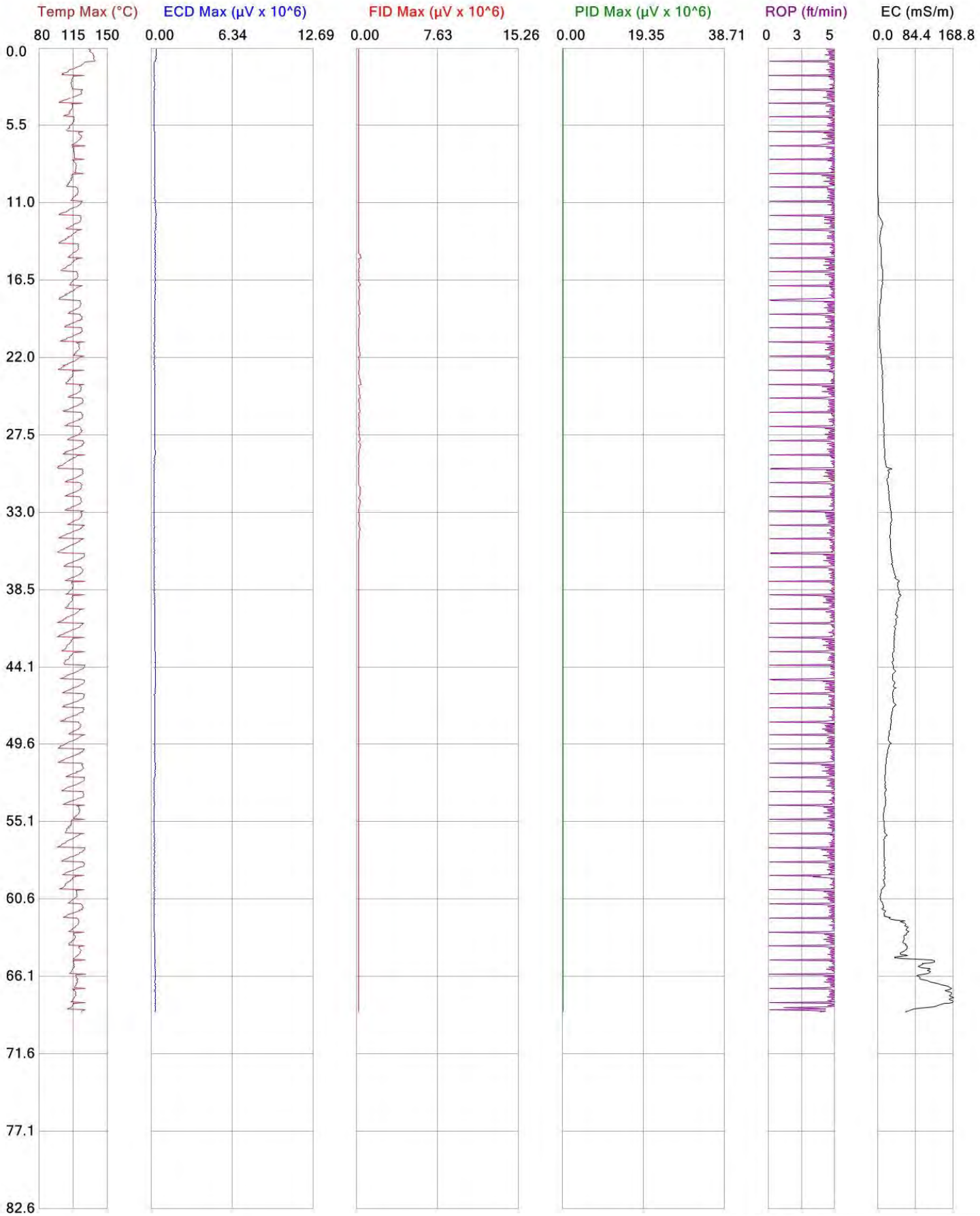

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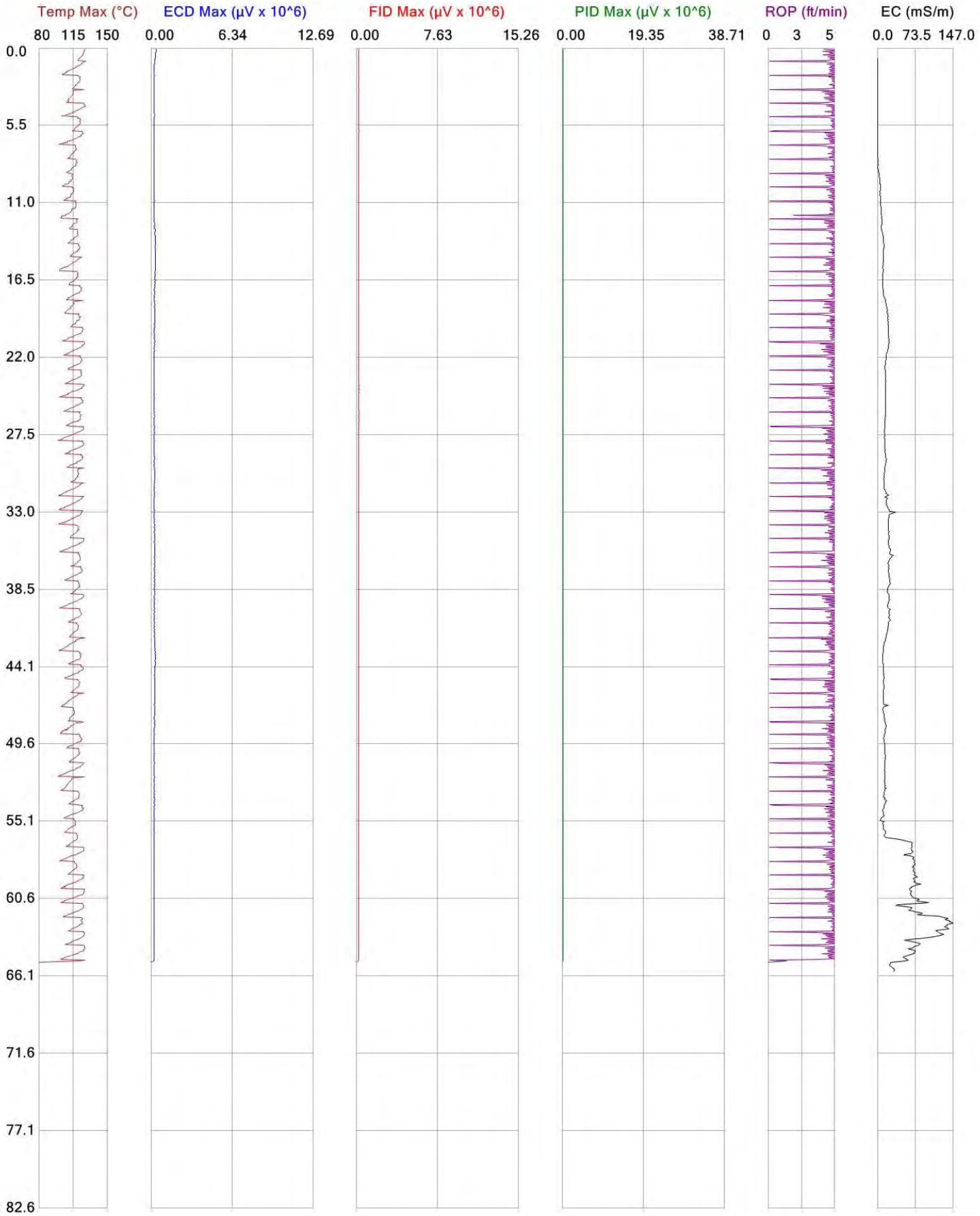

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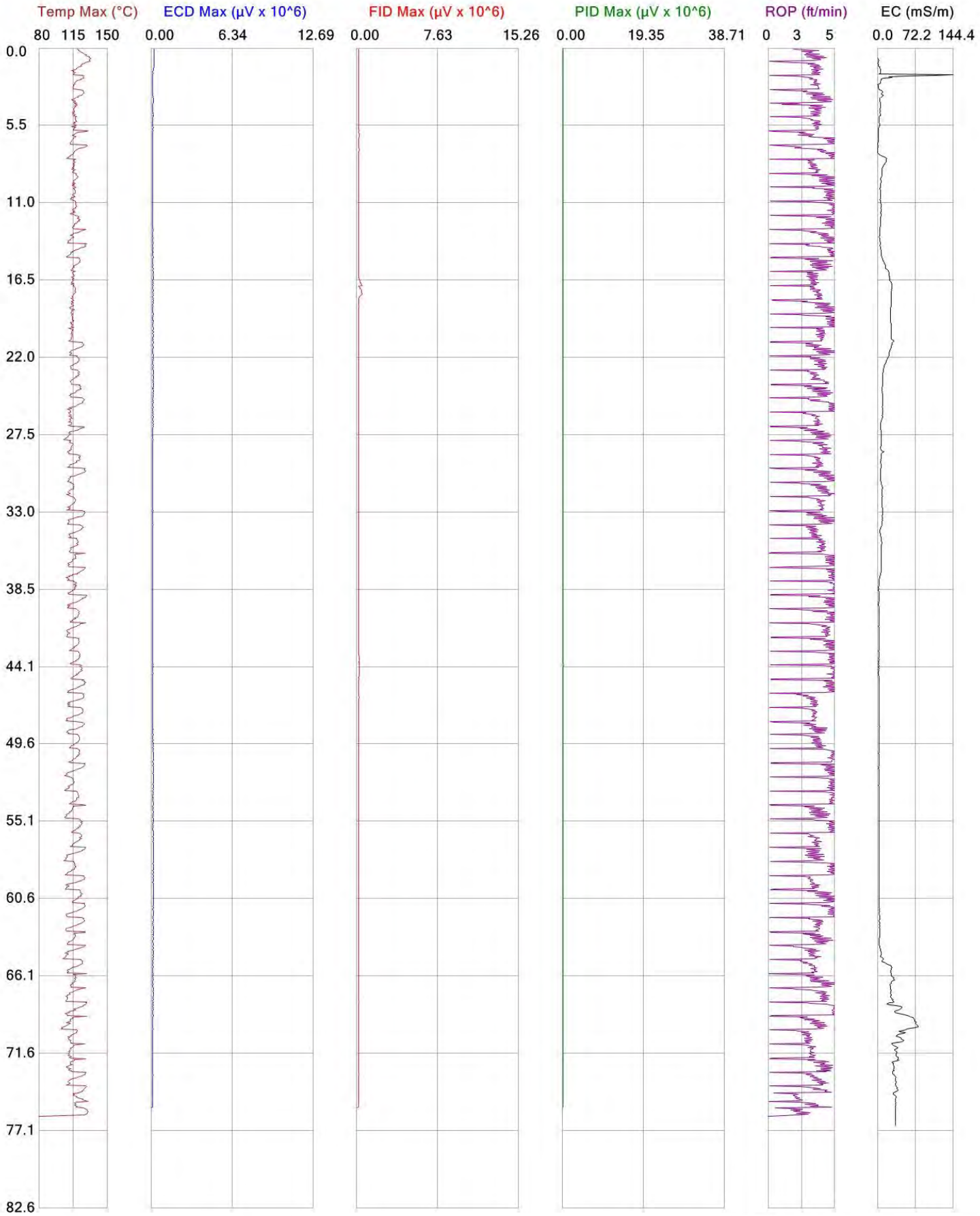

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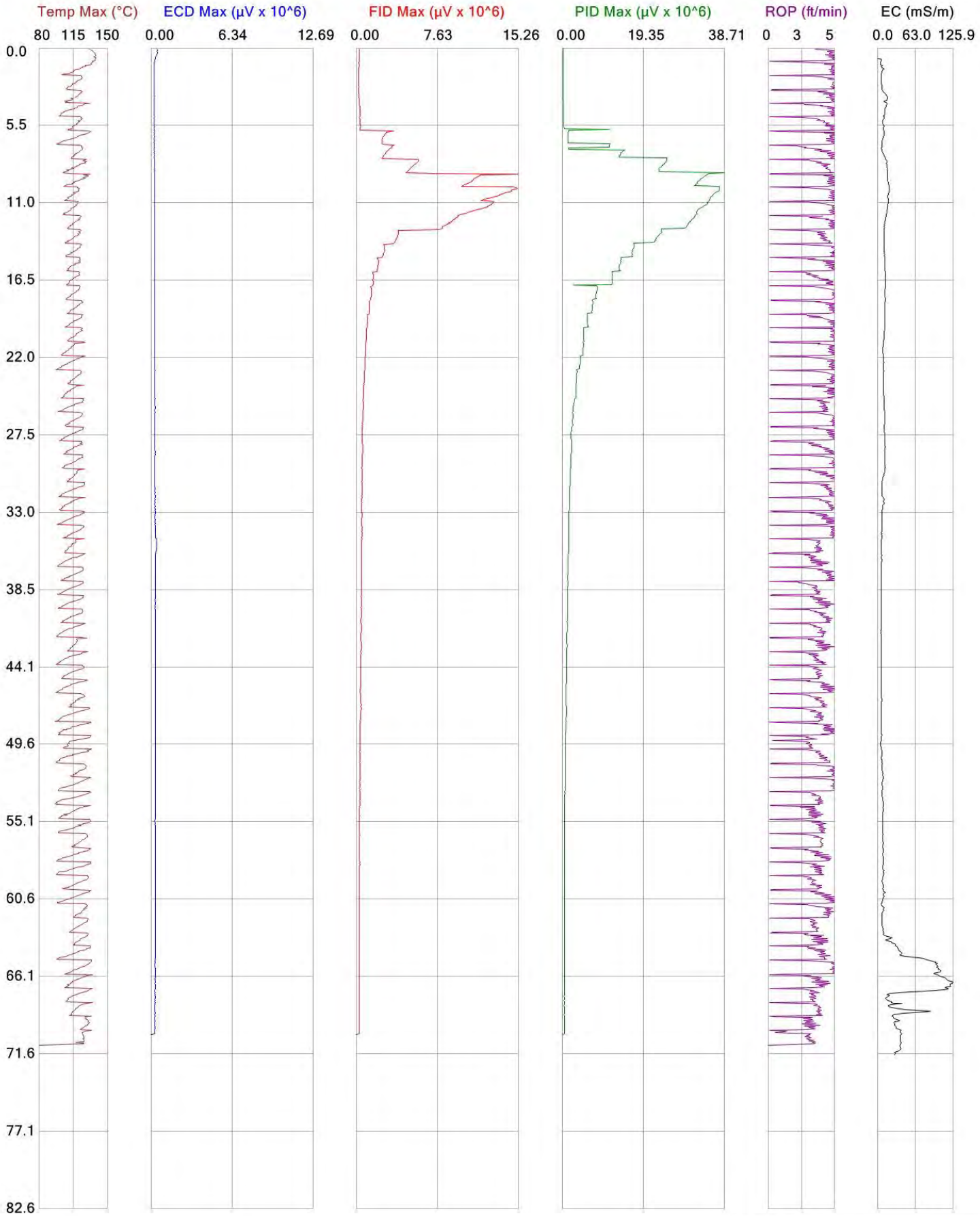

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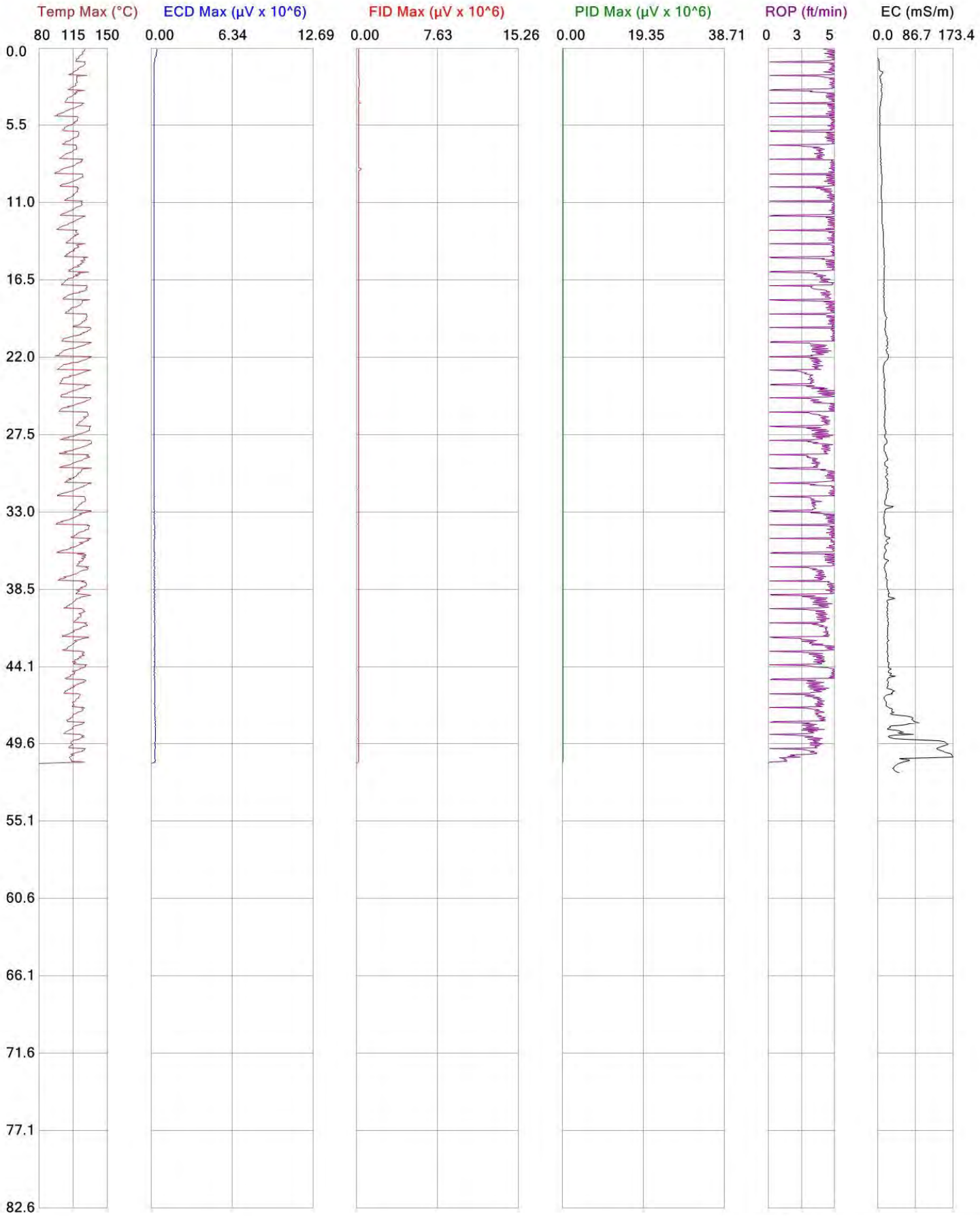

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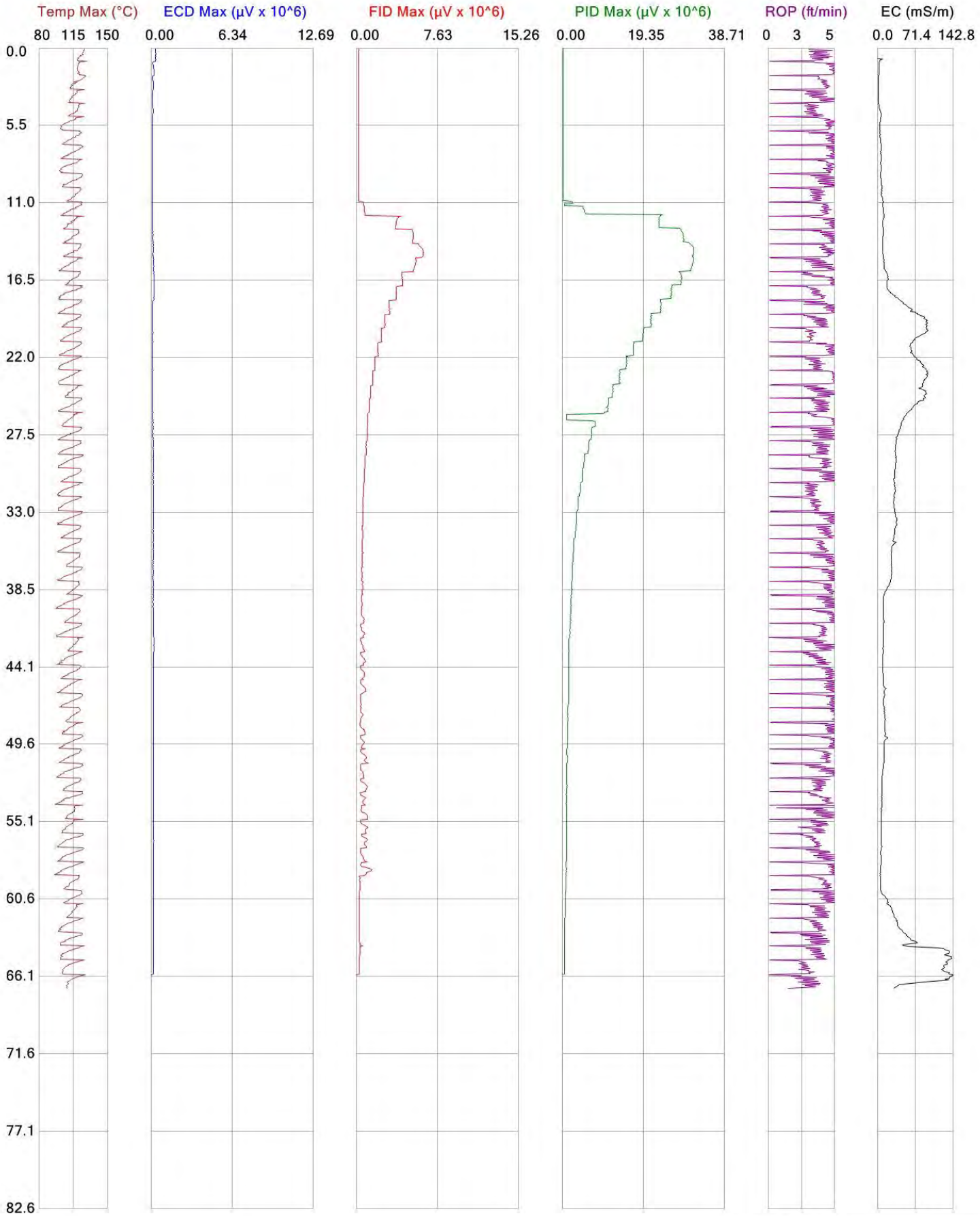

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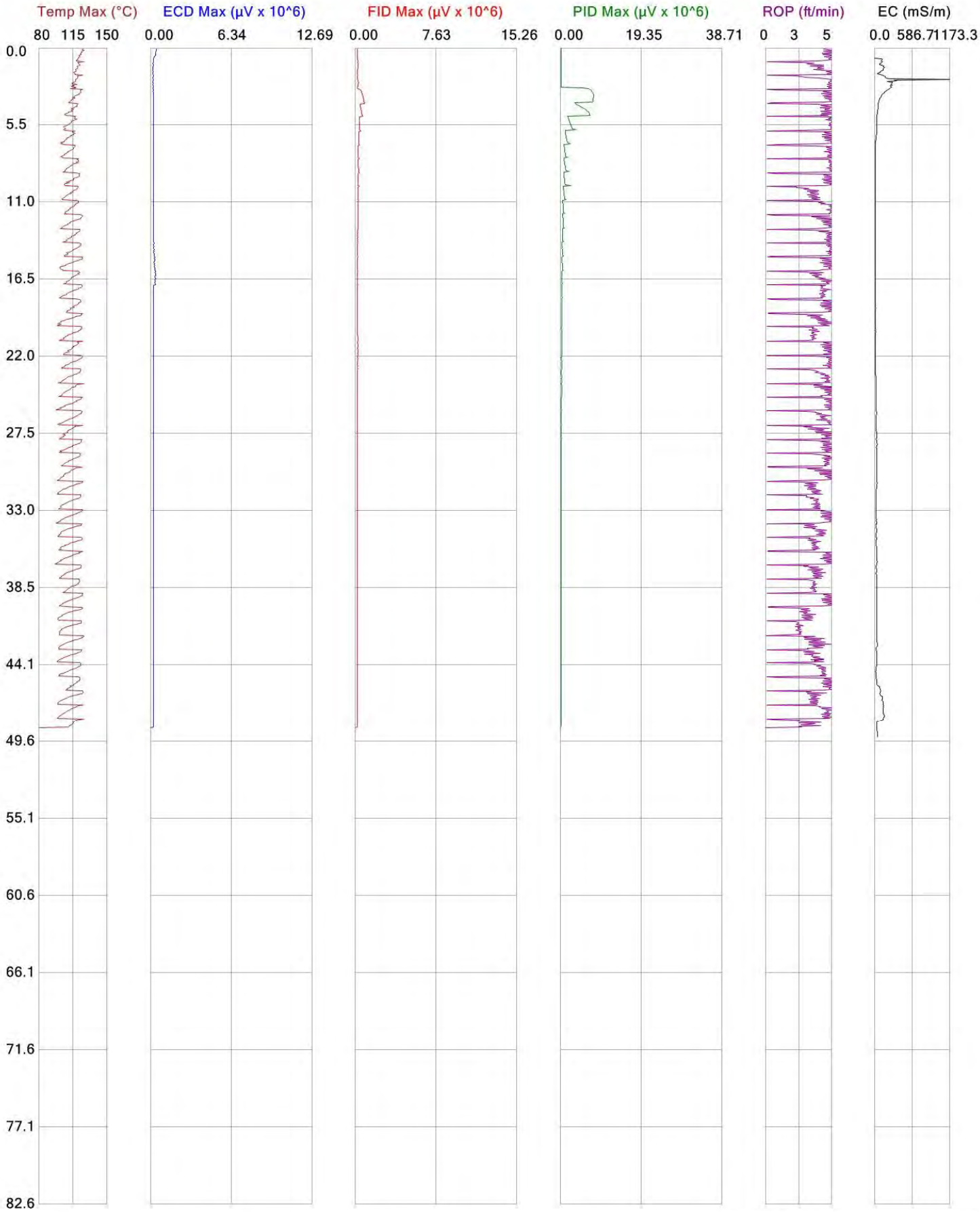

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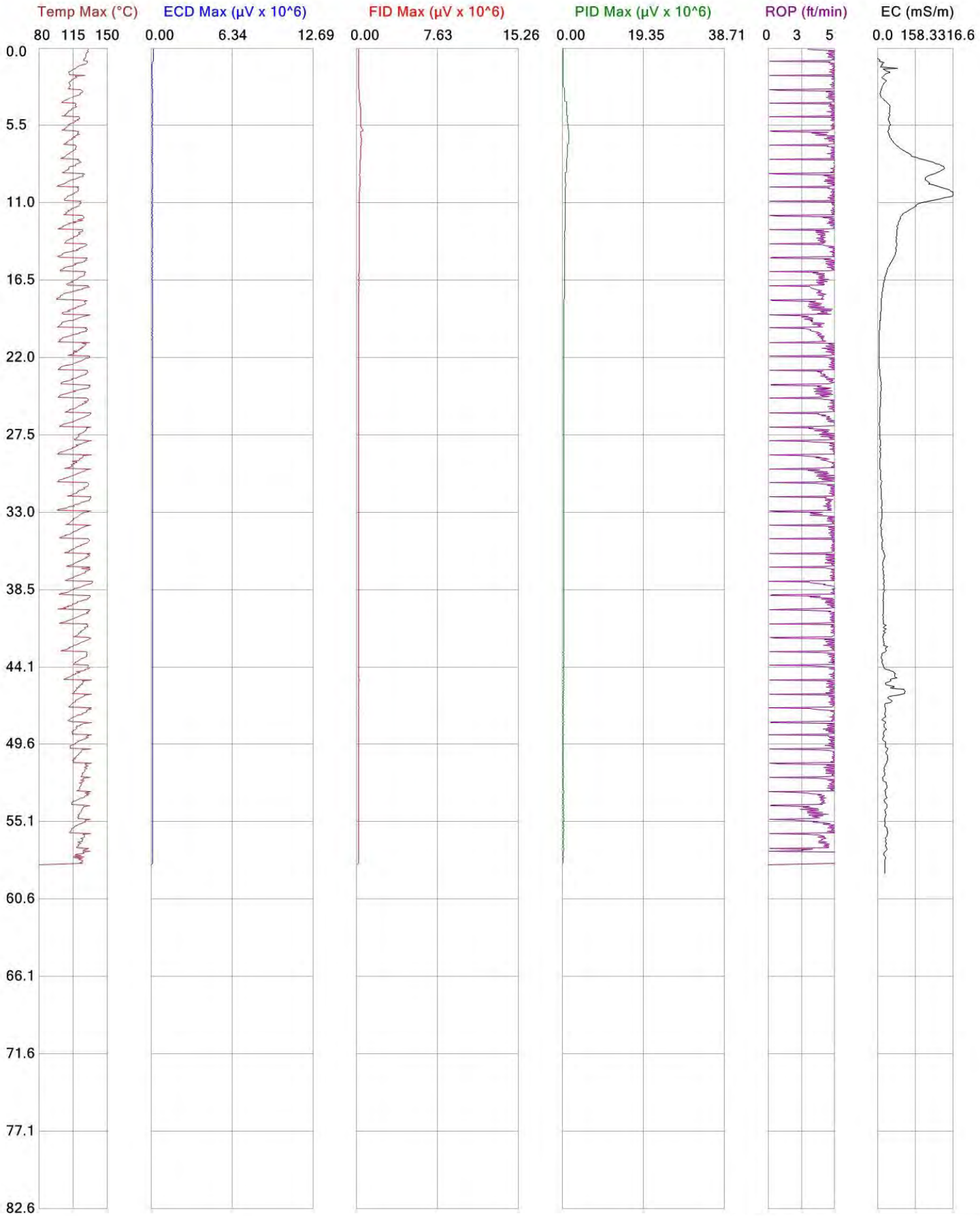

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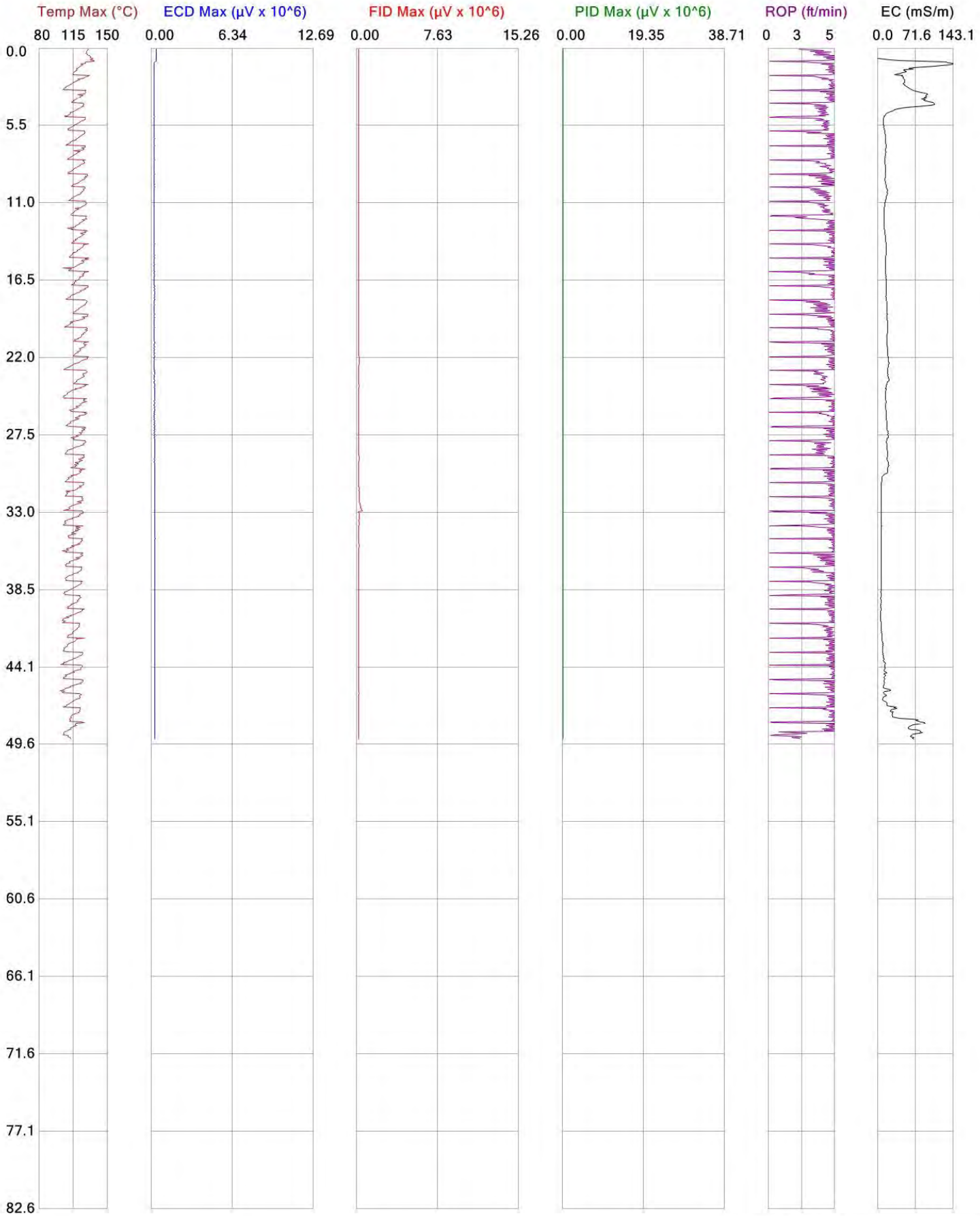

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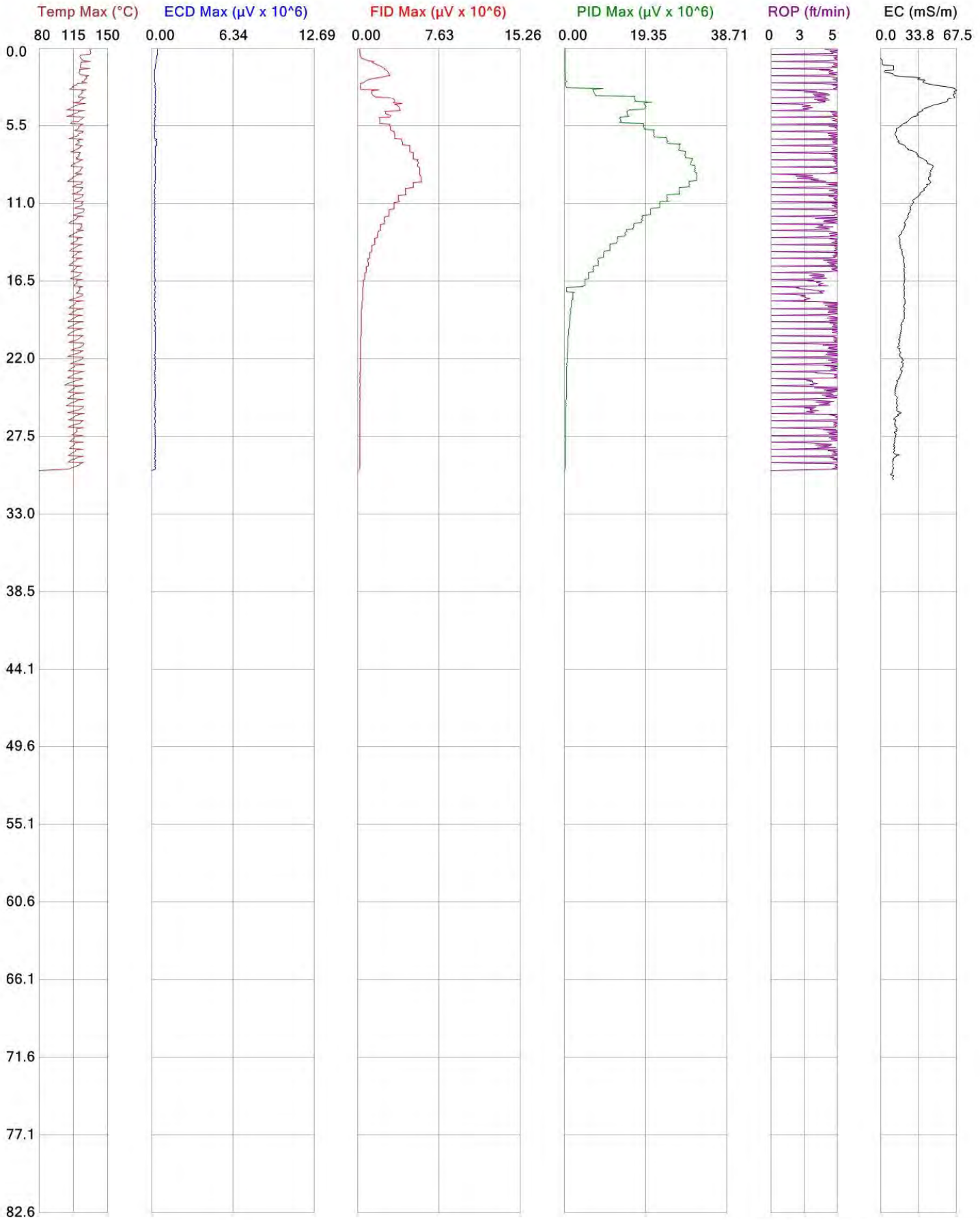

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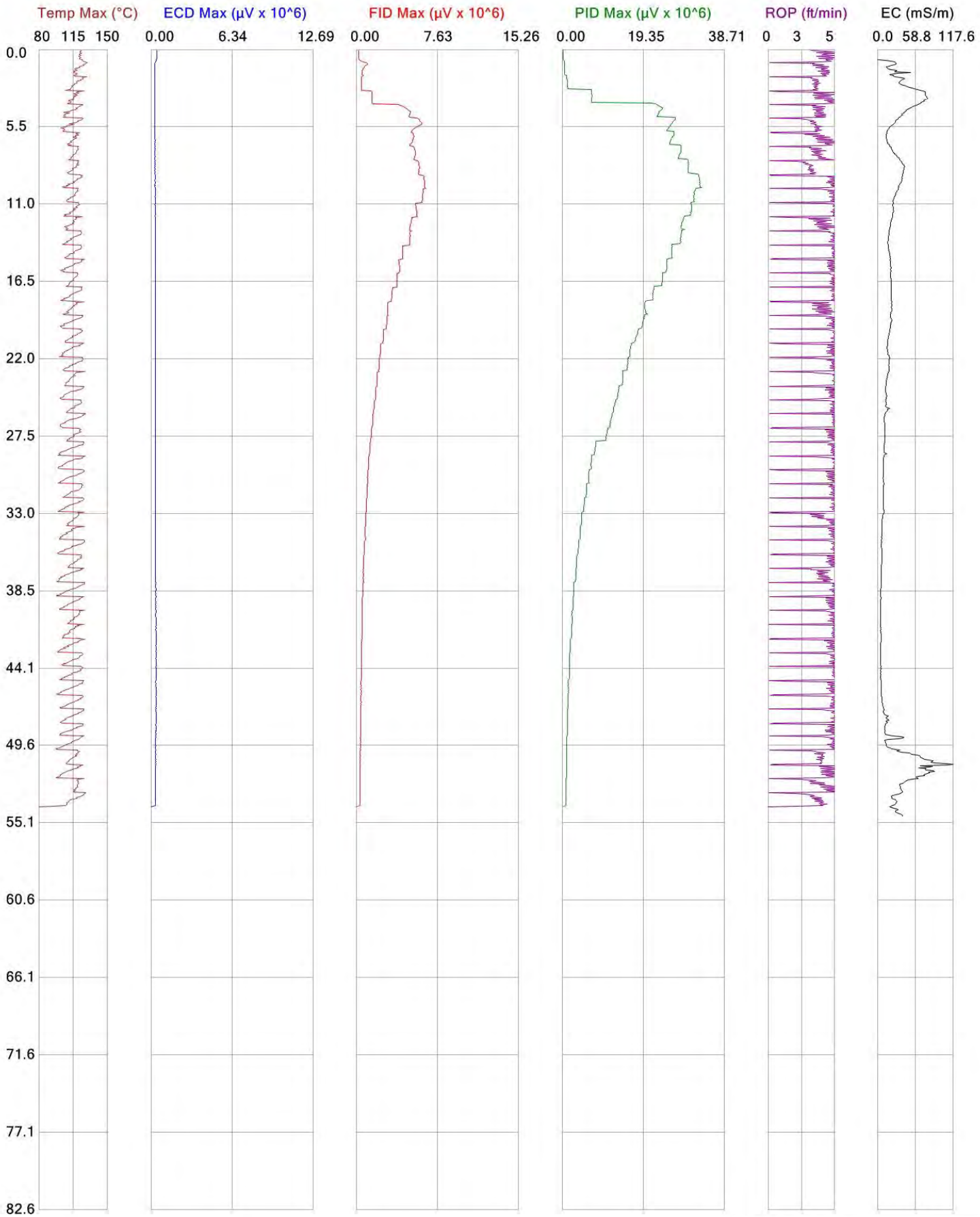

COLUMBIA TECHNOLOGIES

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Project ID: Sherwin Williams Former Manufacturing Plant	Location:

Appendix L - Data Completeness Summary

In order to determine the overall quality of the soil data set collected from the Former Manufacturing Plant (FMP; samples labeled MPSB), which also includes some sample locations in support of Brandywine Site (samples labeled PWSB), Hilliard Creek Site (samples labeled HCSB), Residential Site (samples labeled RSSB), and one Silver Lake soil boring location (SLSB0001), data validation was performed in accordance with EPA Region 2 guidelines. This subsection summarizes the quality of the data set as required by the EPA-approved quality assurance project plan (QAPP). A query of the Gibbsboro project database showed that 1,507 out of 135,317 (1.11%) results (volatile organics, semi-volatile organics, pesticides, polychlorinated biphenyls (PCBs), metals including mercury and cyanide, and total organic carbons) generated for the FMP as a whole were rejected due to various quality control deficiencies or uncertainties. As a result, the presence or absence of target analytes could not be determined in less than 2 percent of the analytical results associated with samples collected to determine if elevated constituents were present at the FMP. As indicated in Table 1, there were various reasons why these results were rejected.

1. One volatile organic analysis was performed beyond the holding time. Fifty-two undetected volatile results were rejected for this reason.
2. The internal standard responses were extremely low in some volatile and semi-volatile analyses. Three hundred and twenty-eight undetected results (volatile and semi-volatile) were rejected for this reason.
3. The analyte relative response factors in initial and/or calibration standards failed to meet the minimum requirements. All undetected 1,4-dioxane results and the following undetected results were rejected for this reason: 2-buranone (6), acetone (2), bromomethane (3), 2,4-dinitrophenol (4), and pentachlorophenol (2).
4. Deuterated monitoring compounds were not recovered in some samples for semi-volatile analyses. A total of 97 undetected semi-volatile results were rejected for this reason.
5. The surrogate compound recoveries were less than 10% in two samples for pesticides and Aroclors analyses. A total of 42 undetected pesticides and 14 undetected Aroclors results were rejected for potential false negative.
6. The concentrations of the same pesticide and/or Aroclor from both analytical columns varied more than 100%. A total of 142 positive pesticide results and six positive Aroclor results were rejected.
7. Some metal matrix spike recoveries exceeded 200%. As a result, 105 affected arsenic (10), barium (26), copper (2), cyanide (5), lead (26), manganese (11), and mercury (25) results were rejected for potential high bias.
8. Some metal matrix spike recoveries were less than 10%. As a result, 33 undetected arsenic (7), manganese (9), and zinc (17) results were rejected for potential false negative.

9. The differences between laboratory duplicate analyses were greater than four times the applicable reporting limits or their relative percent differences (RPD) were greater than 100%, yielding poor precisions. As a result, 76 affected cadmium (13), calcium (6), chromium (15), copper (20), vanadium (15), and total organic carbon (7) results were rejected for unknown bias.
10. The analyses of field duplicate samples yielded incomparable metal results. Some positive chromium (2), copper (2), and lead (4) results were rejected for unknown bias.
11. The manganese concentration in a serial dilution analysis yielded a difference greater than 100% from that in the undiluted analysis. As a result, one positive manganese result was rejected for this reason.
12. The concentrations of five mercury results were less than five times that of the associated field blank, thus rejected.
13. One lab instrument blank contained a trace level of total organic carbon (TOC); two TOC results at the similar concentration levels were rejected.

As a whole, the completeness of data collected at FMP is about 98.89%, greater than the completeness goal of 80% specified in Section 4.2.3 of the U.S. EPA-approved QAPP prepared for Gibbsboro RI/FS. As presented in Tables 1 and 2, the majority of results that were rejected were for constituents that are not considered COPCs at FMP.

Table 2 summarizes the frequency of an analyte that was rejected in soil samples. As indicated in this table, 0.1 – 86% of the soil results for any particular analyte were rejected with completeness ranging 14% to 99.9%. Although 86% of the 1,4-dioxane results were rejected due to weak instrument sensitivity, this only represented 1.5% (578 out of 38,452) of the volatile results in soil samples collected at FMP. A total of 914 out of 38,452 (2.38%) volatile results were rejected in soil samples, representing a completeness of 97.62%. A total of 154 out of 55,631 (0.28%) semi-volatile results were rejected, representing a completeness of 99.72%. A total of 184 out of 7,367 (2.50%) pesticide results were rejected, representing a completeness of 97.50%. A total of 20 out of 5,192 (0.39%) PCB results were rejected, representing a completeness of 99.61%. A total of 190 out of 23,944 (0.79%) metal results were rejected, representing a completeness of 99.21%. A total 31 out of 1,134 (2.73%) mercury results were rejected, representing a completeness of 97.27%. A total of 5 out of 1,038 (0.48%) cyanide results were rejected, representing a completeness of 99.52%. A total of 9 out of 499 (1.8%) of total organic carbon results were rejected, representing a completeness of 98.2%.

Based on a review of the data validation notes and calculation of completeness, the soil data set is of sufficient quantity and quality to be utilized for the RI at the FMP.

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,1,1-TRICHLOROETHANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,1,1-TRICHLOROETHANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,1,1-TRICHLOROETHANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,1,1-TRICHLOROETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1,1-TRICHLOROETHANE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,1,2,2-TETRACHLOROETHANE	6.9	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,1,2,2-TETRACHLOROETHANE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,1,2,2-TETRACHLOROETHANE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,1,2,2-TETRACHLOROETHANE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,1,2,2-TETRACHLOROETHANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,1,2,2-TETRACHLOROETHANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,1,2,2-TETRACHLOROETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1,2,2-TETRACHLOROETHANE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,1,2,2-TETRACHLOROETHANE	5.7	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,1,2-TRICHLOROETHANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,1,2-TRICHLOROETHANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,1,2-TRICHLOROETHANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,1,2-TRICHLOROETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1,2-TRICHLOROETHANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1-DICHLOROETHANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,1-DICHLOROETHENE	5.6	R	Holding time > 14 days
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	1,2,3-TRICHLOROBENZENE	0.76	R	Low internal standard respones
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2,3-TRICHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,2,3-TRICHLOROBENZENE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,2,3-TRICHLOROBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,2,3-TRICHLOROBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,2,3-TRICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2,3-TRICHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,2,3-TRICHLOROBENZENE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,2,3-TRICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,2,3-TRICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2,3-TRICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,2,3-TRICHLOROBENZENE	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,2,3-TRICHLOROBENZENE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,2,3-TRICHLOROBENZENE	0.17	R	Extremely low Internal standard response

Appendix E
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Former Manufacturing Plant
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,2,3-TRICHLOROBENZENE	0.28	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,2,3-TRICHLOROBENZENE	0.59	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,2,3-TRICHLOROBENZENE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2,3-TRICHLOROBENZENE	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,2,3-TRICHLOROBENZENE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,2,3-TRICHLOROBENZENE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2,3-TRICHLOROBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,2,3-TRICHLOROBENZENE	5.7	R	Extremely low Internal standard response
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	1,2,4,5-TETRACHLOROBENZENE	190	R	Deuterated monitoring compound recovery =0%
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	1,2,4-TRICHLOROBENZENE	0.52	R	Low internal standard respones
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2,4-TRICHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,2,4-TRICHLOROBENZENE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,2,4-TRICHLOROBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,2,4-TRICHLOROBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,2,4-TRICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2,4-TRICHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,2,4-TRICHLOROBENZENE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,2,4-TRICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,2,4-TRICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2,4-TRICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,2,4-TRICHLOROBENZENE	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,2,4-TRICHLOROBENZENE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,2,4-TRICHLOROBENZENE	0.17	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,2,4-TRICHLOROBENZENE	0.37	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,2,4-TRICHLOROBENZENE	0.55	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,2,4-TRICHLOROBENZENE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2,4-TRICHLOROBENZENE	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,2,4-TRICHLOROBENZENE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,2,4-TRICHLOROBENZENE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2,4-TRICHLOROBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,2,4-TRICHLOROBENZENE	5.7	R	Extremely low Internal standard response
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2-DIBROMO-3-CHLOROPROPANE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,2-DIBROMO-3-CHLOROPROPANE	6.4	R	Extremely low Internal standard response

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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,2-DIBROMO-3-CHLOROPROPANE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,2-DIBROMO-3-CHLOROPROPANE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2-DIBROMO-3-CHLOROPROPANE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,2-DIBROMO-3-CHLOROPROPANE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,2-DIBROMO-3-CHLOROPROPANE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,2-DIBROMO-3-CHLOROPROPANE	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,2-DIBROMO-3-CHLOROPROPANE	6.1	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,2-DIBROMO-3-CHLOROPROPANE	5.6	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,2-DIBROMO-3-CHLOROPROPANE	6.2	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,2-DIBROMO-3-CHLOROPROPANE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,2-DIBROMO-3-CHLOROPROPANE	5.7	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2-DIBROMOETHANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2-DIBROMOETHANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2-DIBROMOETHANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2-DIBROMOETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2-DIBROMOETHANE	5.6	R	Holding time > 14 days
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	1,2-DICHLOROBENZENE	5.5	R	Low internal standard respones
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2-DICHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,2-DICHLOROBENZENE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,2-DICHLOROBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,2-DICHLOROBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,2-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2-DICHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,2-DICHLOROBENZENE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	4.5	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,2-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,2-DICHLOROBENZENE	8.7	R	Extremely low Internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,2-DICHLOROBENZENE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,2-DICHLOROBENZENE	6.1	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,2-DICHLOROBENZENE	5.6	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,2-DICHLOROBENZENE	6.2	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,2-DICHLOROBENZENE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2-DICHLOROBENZENE	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,2-DICHLOROBENZENE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,2-DICHLOROBENZENE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2-DICHLOROBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,2-DICHLOROBENZENE	5.7	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2-DICHLOROETHANE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,2-DICHLOROPROPANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,2-DICHLOROPROPANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,2-DICHLOROPROPANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,2-DICHLOROPROPANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,2-DICHLOROPROPANE	5.6	R	Holding time > 14 days
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	1,3-DICHLOROBENZENE	5.5	R	Low internal standard respones
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,3-DICHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,3-DICHLOROBENZENE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,3-DICHLOROBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,3-DICHLOROBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,3-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,3-DICHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,3-DICHLOROBENZENE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,3-DICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,3-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,3-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,3-DICHLOROBENZENE	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,3-DICHLOROBENZENE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,3-DICHLOROBENZENE	6.1	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,3-DICHLOROBENZENE	5.6	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,3-DICHLOROBENZENE	6.2	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,3-DICHLOROBENZENE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,3-DICHLOROBENZENE	5.3	R	Low internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,3-DICHLOROBENZENE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,3-DICHLOROBENZENE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,3-DICHLOROBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,3-DICHLOROBENZENE	5.7	R	Extremely low Internal standard response
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	4.7	R	Extremely low Internal standard response
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,4-DICHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,4-DICHLOROBENZENE	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,4-DICHLOROBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,4-DICHLOROBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,4-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,4-DICHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,4-DICHLOROBENZENE	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,4-DICHLOROBENZENE	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,4-DICHLOROBENZENE	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,4-DICHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,4-DICHLOROBENZENE	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,4-DICHLOROBENZENE	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,4-DICHLOROBENZENE	6.1	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,4-DICHLOROBENZENE	5.6	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,4-DICHLOROBENZENE	6.2	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,4-DICHLOROBENZENE	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,4-DICHLOROBENZENE	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,4-DICHLOROBENZENE	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,4-DICHLOROBENZENE	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,4-DICHLOROBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,4-DICHLOROBENZENE	5.7	R	Extremely low Internal standard response
FMP26813	26813-3	2/23/2015	ERTSB08B-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	82000	R	Relative response factor <0.005
FMP26825	26825-1	2/25/2015	ERTSB12E-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	15000	R	Relative response factor <0.005
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP26825	26825-3	2/24/2015	ERTSB14F-SS-AU-AY-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP022	813918	11/17/2009	MPSB0001-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP022	813919	11/17/2009	MPSB0001-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP022	813920	11/17/2009	MPSB0001-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	87	R	Average response factor <0.005
FMP022	813921	11/17/2009	MPSB0001-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP022	813923	11/17/2009	MPSB0002-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Average response factor <0.005
FMP022	813924	11/17/2009	MPSB0002-SS-BM-BN-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP023	814033	11/18/2009	MPSB0003-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	92	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP023	814034	11/18/2009	MPSB0003-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	94	R	Average response factor <0.005
FMP023	814037	11/18/2009	MPSB0004-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	5600	R	Average response factor <0.005
FMP023	814038	11/18/2009	MPSB0004-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	53000	R	Average response factor <0.005
FMP023	814039	11/18/2009	MPSB0004-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	5600	R	Average response factor <0.005
FMP023	814040	11/18/2009	MPSB0004-SS-BW-BX-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP024	814180	11/19/2009	MPSB0005-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP024	814181	11/19/2009	MPSB0005-SS-BA-BB-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP024	814182	11/19/2009	MPSB0005-SS-BA-BB-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP026	814451	11/23/2009	MPSB0006-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP026	814452	11/23/2009	MPSB0006-SS-AQ-AR-0	S	1,4-DIOXANE (P-DIOXANE)	98.0	R	Average response factor <0.005
FMP026	814454	11/23/2009	MPSB0007-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP026	814455	11/23/2009	MPSB0007-SS-AR-AS-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP027	814572	11/24/2009	MPSB0008-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	89.0	R	Average response factor <0.005
FMP027	814573	11/24/2009	MPSB0008-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP028	814760	11/30/2009	MPSB0009-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	47000	R	Average response factor <0.005
FMP028	814761	11/30/2009	MPSB0009-SS-AR-AS-0	S	1,4-DIOXANE (P-DIOXANE)	68000	R	Average response factor <0.005
FMP028	814762	11/30/2009	MPSB0009-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	18000	R	Average response factor <0.005
FMP028	814763	11/30/2009	MPSB0009-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP028	814765	11/30/2009	MPSB0010-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	5500	R	Average response factor <0.005
FMP028	814766	11/30/2009	MPSB0010-SS-AG-AH-0	S	1,4-DIOXANE (P-DIOXANE)	5800	R	Average response factor <0.005
FMP028	814767	11/30/2009	MPSB0010-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	250000	R	Average response factor <0.005
FMP028	814768	11/30/2009	MPSB0010-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP030	814796	12/1/2009	MPSB0011-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	94.0	R	Average response factor <0.005
FMP030	814797	12/1/2009	MPSB0011-SS-AS-AT-0	S	1,4-DIOXANE (P-DIOXANE)	270000	R	Average response factor <0.005
FMP030	814798	12/1/2009	MPSB0011-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	290000	R	Average response factor <0.005
FMP030	814805	12/1/2009	MPSB0011-SS-AU-AV-1	S	1,4-DIOXANE (P-DIOXANE)	310000	R	Average response factor <0.005
FMP030	814799	12/1/2009	MPSB0011-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP030	814801	12/1/2009	MPSB0012-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	5600	R	Average response factor <0.005
FMP030	814802	12/1/2009	MPSB0012-SS-AO-AP-0	S	1,4-DIOXANE (P-DIOXANE)	270000	R	Average response factor <0.005
FMP030	814803	12/1/2009	MPSB0012-SS-AQ-AR-0	S	1,4-DIOXANE (P-DIOXANE)	280000	R	Average response factor <0.005
FMP030	814804	12/1/2009	MPSB0012-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	310000	R	Average response factor <0.005
FMP032	814948	12/2/2009	MPSB0013-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP032	814949	12/2/2009	MPSB0013-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	230000	R	Average response factor <0.005
FMP032	814950	12/2/2009	MPSB0013-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	320000	R	Average response factor <0.005
FMP032	814951	12/2/2009	MPSB0013-SS-CC-CD-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Average response factor <0.005
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Average response factor <0.005
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP032	814953	12/2/2009	MPSB0014-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	260000	R	Average response factor <0.005
FMP032	814954	12/2/2009	MPSB0014-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	310000	R	Average response factor <0.005
FMP032	814955	12/2/2009	MPSB0014-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	290000	R	Average response factor <0.005
FMP032	814956	12/2/2009	MPSB0014-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	320000	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP032	814958	12/2/2009	MPSB0014-SS-AY-AZ-1	S	1,4-DIOXANE (P-DIOXANE)	320000	R	Average response factor <0.005
FMP032	814957	12/2/2009	MPSB0014-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	7100	R	Average response factor <0.005
FMP034	814994	12/3/2009	MPSB0015-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	88.0	R	Average response factor <0.005
FMP034	814995	12/3/2009	MPSB0015-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	6100	R	Average response factor <0.005
FMP034	814996	12/3/2009	MPSB0015-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	59000	R	Average response factor <0.005
FMP034	814997	12/3/2009	MPSB0015-SS-BP-BQ-0	S	1,4-DIOXANE (P-DIOXANE)	50000	R	Average response factor <0.005
FMP036	815290	12/7/2009	MPSB0016-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP036	815291	12/7/2009	MPSB0016-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	240000	R	Average response factor <0.005
FMP036	815292	12/7/2009	MPSB0016-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	290000	R	Average response factor <0.005
FMP036	815293	12/7/2009	MPSB0016-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	7000	R	Average response factor <0.005
FMP036	815295	12/7/2009	MPSB0017-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	92.0	R	Average response factor <0.005
FMP036	815296	12/7/2009	MPSB0017-SS-AS-AT-0	S	1,4-DIOXANE (P-DIOXANE)	200000	R	Average response factor <0.005
FMP036	815297	12/7/2009	MPSB0017-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	410000	R	Average response factor <0.005
FMP036	815298	12/7/2009	MPSB0017-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP037	815336	12/8/2009	MPSB0018-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP037	815337	12/8/2009	MPSB0018-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP037	815338	12/8/2009	MPSB0018-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	650000	R	Average response factor <0.005
FMP037	815339	12/8/2009	MPSB0018-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP037	815342	12/8/2009	MPSB0019-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP037	815343	12/8/2009	MPSB0019-SS-AR-AS-0	S	1,4-DIOXANE (P-DIOXANE)	6600	R	Average response factor <0.005
FMP037	815344	12/8/2009	MPSB0019-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	9100	R	Average response factor <0.005
FMP037	815346	12/8/2009	MPSB0020-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	90.0	R	Average response factor <0.005
FMP037	815347	12/8/2009	MPSB0020-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	5900	R	Average response factor <0.005
FMP037	815348	12/8/2009	MPSB0020-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP038	815451	12/9/2009	MPSB0021-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP038	815452	12/9/2009	MPSB0021-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	88.0	R	Average response factor <0.005
FMP038	815453	12/9/2009	MPSB0021-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP038	815454	12/9/2009	MPSB0021-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP038	815456	12/9/2009	MPSB0022-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	21000	R	Average response factor <0.005
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	1,4-DIOXANE (P-DIOXANE)	170	R	Average response factor <0.005
FMP038	815458	12/9/2009	MPSB0022-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP039	815536	12/10/2009	MPSB0023-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6000	R	Average response factor <0.005
FMP039	815537	12/10/2009	MPSB0023-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	5900	R	Average response factor <0.005
FMP039	815538	12/10/2009	MPSB0023-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	5300	R	Average response factor <0.005
FMP039	815541	12/10/2009	MPSB0024-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	7500	R	Average response factor <0.005
FMP040	815777	12/15/2009	MPSB0025-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP040	815779	12/15/2009	MPSB0025-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Average response factor <0.005
FMP041	815931	12/16/2009	MPSB0026-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	220000	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP041	815932	12/16/2009	MPSB0026-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	280000	R	Average response factor <0.005
FMP041	815933	12/16/2009	MPSB0026-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	260000	R	Average response factor <0.005
FMP041	815934	12/16/2009	MPSB0026-SS-AO-AP-0	S	1,4-DIOXANE (P-DIOXANE)	6300	R	Average response factor <0.005
FMP041	815936	12/16/2009	MPSB0027-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	90.0	R	Average response factor <0.005
FMP041	815937	12/16/2009	MPSB0027-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP043	816057	12/17/2009	MPSB0028-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	98.0	R	Average response factor <0.005
FMP043	816058	12/17/2009	MPSB0028-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP043	816060	12/17/2009	MPSB0029-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	98.0	R	Average response factor <0.005
FMP043	816061	12/17/2009	MPSB0029-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP045	816779	1/4/2010	MPSB0030-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP045	816780	1/4/2010	MPSB0030-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP045	816782	1/4/2010	MPSB0031-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	260000	R	Average response factor <0.005
FMP045	816783	1/4/2010	MPSB0031-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	330000	R	Average response factor <0.005
FMP045	816784	1/4/2010	MPSB0031-SS-AI-AJ-0	S	1,4-DIOXANE (P-DIOXANE)	31000	R	Average response factor <0.005
FMP045	816785	1/4/2010	MPSB0031-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP046	816843	1/5/2010	MPSB0032-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6100	R	Average response factor <0.005
FMP046	816844	1/5/2010	MPSB0032-SS-AI-AJ-0	S	1,4-DIOXANE (P-DIOXANE)	51000	R	Average response factor <0.005
FMP046	816845	1/5/2010	MPSB0032-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP046	816847	1/5/2010	MPSB0033-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	47000	R	Average response factor <0.005
FMP046	816848	1/5/2010	MPSB0033-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Average response factor <0.005
FMP046	816849	1/5/2010	MPSB0033-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	5600	R	Average response factor <0.005
FMP046	816850	1/5/2010	MPSB0033-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP047	816891	1/6/2010	MPSB0034-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP047	816892	1/6/2010	MPSB0034-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP047	816894	1/6/2010	MPSB0035-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP047	816895	1/6/2010	MPSB0035-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP047	816899	1/6/2010	MPSB0035-SS-AH-AI-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP047	816897	1/6/2010	MPSB0036-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP047	816898	1/6/2010	MPSB0036-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP048	816990	1/7/2010	MPSB0037-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP048	816991	1/7/2010	MPSB0037-SS-AI-AJ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP048	816993	1/7/2010	MPSB0038-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6300	R	Average response factor <0.005
FMP048	816994	1/7/2010	MPSB0038-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	6600	R	Average response factor <0.005
FMP048	816995	1/7/2010	MPSB0038-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	7200	R	Average response factor <0.005
FMP048	816996	1/7/2010	MPSB0038-SS-AH-AI-1	S	1,4-DIOXANE (P-DIOXANE)	7600	R	Average response factor <0.005
FMP049	817258	1/11/2010	MPSB0039-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6200	R	Average response factor <0.005
FMP049	817259	1/11/2010	MPSB0039-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	6500	R	Average response factor <0.005
FMP049	817260	1/11/2010	MPSB0039-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	6500	R	Average response factor <0.005
FMP049	817262	1/11/2010	MPSB0040-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP049	817263	1/11/2010	MPSB0040-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	18000	R	Average response factor <0.005
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	190	R	Average response factor <0.005
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	1,4-DIOXANE (P-DIOXANE)	170	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP049	817266	1/11/2010	MPSB0041-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	82000	R	Average response factor <0.005
FMP049	817267	1/11/2010	MPSB0041-SS-AG-AH-0	S	1,4-DIOXANE (P-DIOXANE)	60000	R	Average response factor <0.005
FMP049	817268	1/11/2010	MPSB0041-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP050	817331	1/12/2010	MPSB0042-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP050	817332	1/12/2010	MPSB0042-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	97.0	R	Average response factor <0.005
FMP050	817334	1/12/2010	MPSB0043-SS-AB-AC-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP050	817336	1/12/2010	MPSB0043-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP050	817339	1/12/2010	MPSB0044-SS-AG-AH-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP051	817442	1/13/2010	MPSB0045-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP051	817443	1/13/2010	MPSB0045-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	86.0	R	Average response factor <0.005
FMP051	817445	1/13/2010	MPSB0046-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP051	817446	1/13/2010	MPSB0046-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	89.0	R	Average response factor <0.005
FMP051	817448	1/13/2010	MPSB0047-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	50000	R	Average response factor <0.005
FMP051	817449	1/13/2010	MPSB0047-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	45000	R	Average response factor <0.005
FMP051	817450	1/13/2010	MPSB0047-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	7400	R	Average response factor <0.005
FMP051	817451	1/13/2010	MPSB0047-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	91.0	R	Average response factor <0.005
FMP052	817588	1/14/2010	MPSB0048-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP052	817589	1/14/2010	MPSB0048-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP052	817591	1/14/2010	MPSB0049-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP052	817600	1/14/2010	MPSB0049-SS-AE-AF-1	S	1,4-DIOXANE (P-DIOXANE)	5900	R	Average response factor <0.005
FMP052	817593	1/14/2010	MPSB0049-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	6100	R	Average response factor <0.005
FMP052	817594	1/14/2010	MPSB0049-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP052	817596	1/14/2010	MPSB0050-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP052	817597	1/14/2010	MPSB0050-SS-AF-AG-0	S	1,4-DIOXANE (P-DIOXANE)	43000	R	Average response factor <0.005
FMP052	817598	1/14/2010	MPSB0050-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	5900	R	Average response factor <0.005
FMP052	817599	1/14/2010	MPSB0050-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	6800	R	Average response factor <0.005
FMP053	817963	1/18/2010	MPSB0051-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	48000	R	Average response factor <0.005
FMP053	817964	1/18/2010	MPSB0051-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP053	817966	1/18/2010	MPSB0052-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP053	817967	1/18/2010	MPSB0052-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP053	817968	1/18/2010	MPSB0052-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP053	817970	1/18/2010	MPSB0053-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Average response factor <0.005
FMP053	817971	1/18/2010	MPSB0053-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP055	818070	1/19/2010	MPSB0054-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP055	818071	1/19/2010	MPSB0054-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP055	818073	1/19/2010	MPSB0055-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP055	818074	1/19/2010	MPSB0055-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP055	818080	1/19/2010	MPSB0055-SS-AL-AM-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP055	818075	1/19/2010	MPSB0055-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP055	818081	1/19/2010	MPSB0055-SS-AT-AU-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP055	818077	1/19/2010	MPSB0056-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP055	818078	1/19/2010	MPSB0056-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	160	R	Average response factor <0.005
FMP055	818079	1/19/2010	MPSB0056-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP056	818197	1/20/2010	MPSB0057-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP056	818198	1/20/2010	MPSB0057-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	5800	R	Average response factor <0.005
FMP056	818199	1/20/2010	MPSB0057-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	28000	R	Average response factor <0.005
FMP056	818200	1/20/2010	MPSB0057-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	6300	R	Average response factor <0.005
FMP056	818206	1/20/2010	MPSB0057-SS-AN-AO-1	S	1,4-DIOXANE (P-DIOXANE)	6000	R	Average response factor <0.005
FMP056	818201	1/20/2010	MPSB0057-SS-AR-AS-0	S	1,4-DIOXANE (P-DIOXANE)	6500	R	Average response factor <0.005
FMP056	818202	1/20/2010	MPSB0057-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP056	818204	1/20/2010	MPSB0058-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	5800	R	Average response factor <0.005
FMP056	818205	1/20/2010	MPSB0058-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	6700	R	Average response factor <0.005
FMP057	818310	1/21/2010	MPSB0059-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP057	818311	1/21/2010	MPSB0059-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	5100	R	Average response factor <0.005
FMP057	818312	1/21/2010	MPSB0059-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Average response factor <0.005
FMP057	818313	1/21/2010	MPSB0059-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	6100	R	Average response factor <0.005
FMP057	818315	1/21/2010	MPSB0060-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP057	818316	1/21/2010	MPSB0060-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP057	818317	1/21/2010	MPSB0060-SS-AO-AP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP057	818318	1/21/2010	MPSB0060-SS-AO-AP-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP058	818702	1/26/2010	MPSB0061-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP058	818703	1/26/2010	MPSB0061-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	18000	R	Average response factor <0.005
FMP058	818704	1/26/2010	MPSB0061-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	120000	R	Average response factor <0.005
FMP058	818705	1/26/2010	MPSB0061-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP058	818707	1/26/2010	MPSB0062-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP058	818708	1/26/2010	MPSB0062-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	27000	R	Average response factor <0.005
FMP058	818709	1/26/2010	MPSB0062-SS-BI-BJ-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Average response factor <0.005
FMP058	818710	1/26/2010	MPSB0062-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP059	818795	1/27/2010	MPSB0063-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP059	818796	1/27/2010	MPSB0063-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP060	818878	1/28/2010	MPSB0064-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	97.0	R	Average response factor <0.005
FMP060	818879	1/28/2010	MPSB0064-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	240000	R	Average response factor <0.005
FMP060	818880	1/28/2010	MPSB0064-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	620000	R	Average response factor <0.005
FMP060	818881	1/28/2010	MPSB0064-SS-BG-BH-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP060	818883	1/28/2010	MPSB0065-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP060	818884	1/28/2010	MPSB0065-SS-AR-AS-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP060	818886	1/28/2010	MPSB0066-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	98.0	R	Average response factor <0.005
FMP060	818887	1/28/2010	MPSB0066-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP061	819292	2/1/2010	MPSB0067-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP061	819293	2/1/2010	MPSB0067-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP061	819294	2/1/2010	MPSB0067-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP061	819296	2/1/2010	MPSB0068-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP061	819298	2/1/2010	MPSB0068-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP063	819539	2/3/2010	MPSB0069-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	94.0	R	Average response factor <0.005
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Average response factor <0.005
FMP063	819548	2/3/2010	MPSB0069-SS-AH-AI-1	S	1,4-DIOXANE (P-DIOXANE)	98	R	Average response factor <0.005
FMP063	819541	2/3/2010	MPSB0069-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP063	819543	2/3/2010	MPSB0070-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96.0	R	Average response factor <0.005
FMP063	819544	2/3/2010	MPSB0070-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	93.0	R	Average response factor <0.005
FMP063	819546	2/3/2010	MPSB0071-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP063	819547	2/3/2010	MPSB0071-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP066	821805	3/4/2010	MPSB0072-SS-DD-DE-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP066	821806	3/4/2010	MPSB0072-SS-DE-DF-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP066	821807	3/4/2010	MPSB0072-SS-DG-DH-0	S	1,4-DIOXANE (P-DIOXANE)	180	R	Average response factor <0.005
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	1,4-DIOXANE (P-DIOXANE)	170	R	Average response factor <0.005
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP067	822149	3/8/2010	MPSB0074-SS-DJ-DK-0	S	1,4-DIOXANE (P-DIOXANE)	170	R	Average response factor <0.005
FMP067	822150	3/8/2010	MPSB0074-SS-DK-DL-0	S	1,4-DIOXANE (P-DIOXANE)	230	R	Average response factor <0.005
FMP067	822151	3/8/2010	MPSB0075-SS-DE-DF-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Average response factor <0.005
FMP067	822152	3/8/2010	MPSB0075-SS-DF-DG-0	S	1,4-DIOXANE (P-DIOXANE)	230	R	Average response factor <0.005
FMP065	821698	3/3/2010	MPSB0076-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6000	R	Average response factor <0.005
FMP065	821699	3/3/2010	MPSB0076-SS-AF-AG-0	S	1,4-DIOXANE (P-DIOXANE)	5600	R	Average response factor <0.005
FMP065	821700	3/3/2010	MPSB0076-SS-AO-AP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP069	822374	3/10/2010	MPSB0077-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	89.0	R	Average response factor <0.005
FMP069	822375	3/10/2010	MPSB0077-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	99.0	R	Average response factor <0.005
FMP069	822376	3/10/2010	MPSB0077-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	17000	R	Average response factor <0.005
FMP069	822383	3/10/2010	MPSB0077-SS-BC-BD-1	S	1,4-DIOXANE (P-DIOXANE)	74000	R	Average response factor <0.005
FMP069	822377	3/10/2010	MPSB0077-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP069	822379	3/10/2010	MPSB0078-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP069	822380	3/10/2010	MPSB0078-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP069	822381	3/10/2010	MPSB0078-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	150000	R	Average response factor <0.005
FMP069	822382	3/10/2010	MPSB0078-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP070	823371	3/22/2010	MPSB0079-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	94.0	R	Average response factor <0.005
FMP070	823372	3/22/2010	MPSB0079-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP071	823505	3/23/2010	MPSB0080-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP071	823510	3/23/2010	MPSB0080-SS-BD-BE-1	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP071	823507	3/23/2010	MPSB0081-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	95.0	R	Average response factor <0.005
FMP071	823508	3/23/2010	MPSB0081-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	110000	R	Average response factor <0.005
FMP071	823509	3/23/2010	MPSB0081-SS-BL-BM-0	S	1,4-DIOXANE (P-DIOXANE)	63000	R	Average response factor <0.005
FMP072	823603	3/24/2010	MPSB0082-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6000	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP072	823604	3/24/2010	MPSB0082-SS-AN-AO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP072	823605	3/24/2010	MPSB0082-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	7100	R	Average response factor <0.005
FMP072	823606	3/24/2010	MPSB0082-SS-BA-BB-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP072	823608	3/24/2010	MPSB0083-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	94.0	R	Average response factor <0.005
FMP072	823609	3/24/2010	MPSB0083-SS-AI-AJ-0	S	1,4-DIOXANE (P-DIOXANE)	98.0	R	Average response factor <0.005
FMP073	823746	3/25/2010	MPSB0084-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	6000	R	Average response factor <0.005
FMP073	823747	3/25/2010	MPSB0084-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	250000	R	Average response factor <0.005
FMP073	823761	3/25/2010	MPSB0084-SS-AH-AI-1	S	1,4-DIOXANE (P-DIOXANE)	190000	R	Average response factor <0.005
FMP073	823748	3/25/2010	MPSB0084-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	260000	R	Average response factor <0.005
FMP073	823749	3/25/2010	MPSB0084-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	270000	R	Average response factor <0.005
FMP073	823750	3/25/2010	MPSB0084-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP073	823753	3/25/2010	MPSB0085-SS-AQ-AR-0	S	1,4-DIOXANE (P-DIOXANE)	320000	R	Average response factor <0.005
FMP073	823754	3/25/2010	MPSB0085-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	240000	R	Average response factor <0.005
FMP073	823755	3/25/2010	MPSB0085-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP073	823757	3/25/2010	MPSB0086-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	1200000	R	Average response factor <0.005
FMP073	823758	3/25/2010	MPSB0086-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	6300	R	Average response factor <0.005
FMP073	823759	3/25/2010	MPSB0086-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	7400	R	Average response factor <0.005
FMP073	823760	3/25/2010	MPSB0086-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11479	11479-1	6/26/2012	MPSB0096-SS-AV-AX-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11479	11479-1	6/26/2012	MPSB0096-SS-AV-AX-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11479	11479-2	6/26/2012	MPSB0096-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11479	11479-3	6/26/2012	MPSB0097-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	720000	R	Average response factor <0.005
FMP11479	11479-4	6/26/2012	MPSB0097-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11508	11508-1	6/27/2012	MPSB0098-SS-BE-BG-0	S	1,4-DIOXANE (P-DIOXANE)	7100000	R	Average response factor <0.005
FMP11508	11508-3	6/27/2012	MPSB0098-SS-BE-BG-1	S	1,4-DIOXANE (P-DIOXANE)	7100000	R	Average response factor <0.005
FMP11508	11508-2	6/27/2012	MPSB0098-SS-BX-BY-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11585	11585-1	7/2/2012	MPSB0099-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	620000	R	Average response factor <0.005
FMP11585	11585-2	7/2/2012	MPSB0099-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11585	11585-3	7/2/2012	MPSB0099-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP11627	11627-1	7/5/2012	MPSB0100-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11627	11627-2	7/5/2012	MPSB0100-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Average response factor <0.005
FMP11663	11663-1	7/9/2012	MPSB0101-SS-AM-AO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11663	11663-2	7/9/2012	MPSB0101-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11663	11663-3	7/9/2012	MPSB0101-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11709	11709-1	7/11/2012	MPSB0102-SS-AI-AK-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP11709	11709-2	7/11/2012	MPSB0102-SS-BA-BB-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11709	11709-3	7/11/2012	MPSB0102-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11726	11726-1	7/12/2012	MPSB0103-SS-AN-AP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11726	11726-4	7/12/2012	MPSB0103-SS-AN-AP-1	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11726	11726-2	7/12/2012	MPSB0103-SS-BG-BH-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Average response factor <0.005
FMP11726	11726-3	7/12/2012	MPSB0103-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11788	11788-1	7/17/2012	MPSB0104-SS-AR-AT-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP11788	11788-2	7/17/2012	MPSB0104-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11827	11827-1	7/18/2012	MPSB0105-SS-AM-AO-0	S	1,4-DIOXANE (P-DIOXANE)	6200	R	Average response factor <0.005
FMP11827	11827-2	7/18/2012	MPSB0105-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11851	11851-1	7/19/2012	MPSB0106-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11851	11851-2	7/19/2012	MPSB0106-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11916	11916-1	7/24/2012	MPSB0107-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	270000	R	Average response factor <0.005
FMP11916	11916-2	7/24/2012	MPSB0107-SS-AO-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	6400	R	Average response factor <0.005
FMP11916	11916-3	7/24/2012	MPSB0107-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP11916	11916-4	7/24/2012	MPSB0107-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP11916	11916-5	7/24/2012	MPSB0107-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP11952	11952-1	7/26/2012	MPSB0108-SS-AG-AH-0	S	1,4-DIOXANE (P-DIOXANE)	300000	R	Average response factor <0.005
FMP11952	11952-2	7/26/2012	MPSB0108-SS-AK-AM-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Average response factor <0.005
FMP11952	11952-3	7/26/2012	MPSB0108-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11952	11952-4	7/26/2012	MPSB0109-SS-AP-AR-0	S	1,4-DIOXANE (P-DIOXANE)	580000	R	Average response factor <0.005
FMP11952	11952-5	7/26/2012	MPSB0109-SS-BI-BJ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11998	11998-1	7/30/2012	MPSB0110-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	260000	R	Average response factor <0.005
FMP11998	11998-2	7/30/2012	MPSB0110-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP11998	11998-3	7/30/2012	MPSB0110-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	37000	R	Average response factor <0.005
FMP12012	12012-1	7/31/2012	MPSB0111-SS-AI-AK-0	S	1,4-DIOXANE (P-DIOXANE)	42000	R	Average response factor <0.005
FMP12012	12012-2	7/31/2012	MPSB0111-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12079	12079-2	8/2/2012	MPSB0112-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12079	12079-3	8/2/2012	MPSB0112-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12123	12123-1	8/6/2012	MPSB0113-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12123	12123-2	8/6/2012	MPSB0113-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12591	12591-1	9/6/2012	MPSB0114-SS-BH-BJ-0	S	1,4-DIOXANE (P-DIOXANE)	510000	R	Average response factor <0.005
FMP12591	12591-2	9/6/2012	MPSB0114-SS-BZ-CA-0	S	1,4-DIOXANE (P-DIOXANE)	120000	R	Average response factor <0.005
FMP12591	12591-3	9/6/2012	MPSB0115-SS-AM-AO-0	S	1,4-DIOXANE (P-DIOXANE)	220	R	Average response factor <0.005
FMP12591	12591-4	9/6/2012	MPSB0115-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	240	R	Average response factor <0.005
FMP12606	12606-1	9/7/2012	MPSB0116-SS-AL-AN-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12606	12606-3	9/7/2012	MPSB0116-SS-AL-AN-1	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP12606	12606-2	9/7/2012	MPSB0116-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12637	12637-1	9/11/2012	MPSB0124-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	630000	R	Average response factor <0.005
FMP12637	12637-2	9/11/2012	MPSB0124-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP12637	12637-3	9/11/2012	MPSB0124-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12661	12661-1	9/12/2012	MPSB0125-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	870000	R	Average response factor <0.005
FMP12661	12661-2	9/12/2012	MPSB0125-SS-AV-AX-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Average response factor <0.005
FMP12661	12661-3	9/12/2012	MPSB0125-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12683	12683-1	9/13/2012	MPSB0126-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	15000	R	Average response factor <0.005
FMP12683	12683-2	9/13/2012	MPSB0126-SS-BM-BO-0	S	1,4-DIOXANE (P-DIOXANE)	14000	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP12683	12683-3	9/13/2012	MPSB0126-SS-CC-CD-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP12704	12704-1	9/14/2012	MPSB0127-SS-AS-AT-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Average response factor <0.005
FMP12704	12704-2	9/14/2012	MPSB0127-SS-AZ-BB-0	S	1,4-DIOXANE (P-DIOXANE)	7100	R	Average response factor <0.005
FMP12704	12704-3	9/14/2012	MPSB0127-SS-BS-BT-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP12788	12788-3	9/19/2012	MPSB0135-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	93000	R	Average response factor <0.005
FMP12915	12915-1	9/27/2012	MPSB0147-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP12915	12915-2	9/27/2012	MPSB0147-SS-CH-CI-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP12976	12976-10	10/1/2012	MPSB0150-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	50000	R	Average response factor <0.005
FMP12976	12976-11	10/1/2012	MPSB0150-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	190000	R	Average response factor <0.005
FMP12976	12976-12	10/1/2012	MPSB0150-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	6700	R	Average response factor <0.005
FMP13004	13004-2	10/2/2012	MPSB0151-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	490000	R	Average response factor <0.005
FMP13004	13004-3	10/2/2012	MPSB0151-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	7200	R	Average response factor <0.005
FMP13004	13004-12	10/2/2012	MPSB0151-SS-AH-AI-1	S	1,4-DIOXANE (P-DIOXANE)	14000	R	Average response factor <0.005
FMP13004	13004-4	10/2/2012	MPSB0151-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	7500	R	Average response factor <0.005
FMP15628	15628-1	3/20/2013	MPSB0180-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	36000	R	Average response factor <0.005
FMP15628	15628-2	3/20/2013	MPSB0180-AP-AQ-1	S	1,4-DIOXANE (P-DIOXANE)	37000	R	Average response factor <0.005
FMP15846	15846-1	4/3/2013	MPSB0181-SS-EL-EM-0	S	1,4-DIOXANE (P-DIOXANE)	5500	R	Average response factor <0.005
FMP15926	15926-1	4/9/2013	MPSB0183-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	320000	R	Average response factor <0.005
FMP15984	15984-1	4/12/2013	MPSB0185-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	1000000	R	Average response factor <0.005
FMP16031	16031-1	4/16/2013	MPSB0186-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	220000	R	Average response factor <0.005
FMP16265	16265-1	4/30/2013	MPSB0188-SS-EL-EM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-1	6/17/2014	MPSB0189-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-2	6/17/2014	MPSB0189-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	98	R	Average response factor <0.005
FMP22830	22830-3	6/17/2014	MPSB0189-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP22830	22830-5	6/17/2014	MPSB0190-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-6	6/17/2014	MPSB0190-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22830	22830-7	6/17/2014	MPSB0191-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-8	6/17/2014	MPSB0191-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	99	R	Average response factor <0.005
FMP22830	22830-9	6/17/2014	MPSB0191-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22830	22830-10	6/17/2014	MPSB0192-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-16	6/17/2014	MPSB0192-SS-AA-AE-1	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22830	22830-11	6/17/2014	MPSB0192-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22830	22830-12	6/17/2014	MPSB0192-SS-AS-AT-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-13	6/17/2014	MPSB0193-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22830	22830-14	6/17/2014	MPSB0193-SS-AI-AJ-0	S	1,4-DIOXANE (P-DIOXANE)	99	R	Average response factor <0.005
FMP22830	22830-15	6/17/2014	MPSB0193-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22854	22854-1	6/18/2014	MPSB0194-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22854	22854-2	6/18/2014	MPSB0194-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP22854	22854-3	6/18/2014	MPSB0194-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22854	22854-4	6/18/2014	MPSB0194-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Average response factor <0.005
FMP22854	22854-5	6/18/2014	MPSB0194-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Average response factor <0.005
FMP22854	22854-6	6/18/2014	MPSB0194-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP22854	22854-7	6/18/2014	MPSB0195-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	97	R	Average response factor <0.005
FMP22854	22854-8	6/18/2014	MPSB0195-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22854	22854-9	6/18/2014	MPSB0195-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22854	22854-10	6/18/2014	MPSB0195-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22854	22854-12	6/18/2014	MPSB0196-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22854	22854-13	6/18/2014	MPSB0196-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Average response factor <0.005
FMP22878	22878-1	6/19/2014	MPSB0197-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22878	22878-2	6/19/2014	MPSB0197-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	160	R	Average response factor <0.005
FMP22878	22878-3	6/19/2014	MPSB0197-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22878	22878-4	6/19/2014	MPSB0197-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22878	22878-5	6/19/2014	MPSB0198-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22878	22878-6	6/19/2014	MPSB0198-SS-AJ-AK-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22878	22878-7	6/19/2014	MPSB0198-SS-AP-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22878	22878-8	6/19/2014	MPSB0198-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Average response factor <0.005
FMP22878	22878-9	6/19/2014	MPSB0199-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22878	22885-2	6/19/2014	MPSB0199-SS-AA-AE-1	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22878	22878-10	6/19/2014	MPSB0199-SS-AK-AL-0	S	1,4-DIOXANE (P-DIOXANE)	95	R	Average response factor <0.005
FMP22878	22878-11	6/19/2014	MPSB0199-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP22878	22878-12	6/19/2014	MPSB0199-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Average response factor <0.005
FMP22878	22878-13	6/19/2014	MPSB0200-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22878	22878-14	6/19/2014	MPSB0200-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	98	R	Average response factor <0.005
FMP22878	22878-15	6/19/2014	MPSB0200-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	95	R	Average response factor <0.005
FMP22878	22878-16	6/19/2014	MPSB0200-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22878	22885-3	6/19/2014	MPSB0200-SS-AU-AV-1	S	1,4-DIOXANE (P-DIOXANE)	92	R	Average response factor <0.005
FMP22878	22878-18	6/19/2014	MPSB0201-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP22878	22878-19	6/19/2014	MPSB0201-SS-AJ-AL-0	S	1,4-DIOXANE (P-DIOXANE)	99	R	Average response factor <0.005
FMP22878	22878-20	6/19/2014	MPSB0201-SS-AQ-AR-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Average response factor <0.005
FMP22878	22885-1	6/19/2014	MPSB0201-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Average response factor <0.005
FMP29733	29771-1	9/16/2015	MPSB0202-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	93	R	Relative response factor <0.005
FMP29733	29771-2	9/16/2015	MPSB0202-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29733	29771-3	9/16/2015	MPSB0202-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29733	29771-4	9/16/2015	MPSB0202-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Relative response factor <0.005
FMP29733	29771-5	9/16/2015	MPSB0202-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	99	R	Relative response factor <0.005
FMP30242	302961	10/16/2015	MPSB0202-SS-HQ-HU-0	S	1,4-DIOXANE (P-DIOXANE)	94	R	Relative response factor <0.005
FMP29733	29733-1	9/14/2015	MPSB0203-SS-AA-AF-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	1,4-DIOXANE (P-DIOXANE)	6400	R	Relative response factor <0.005
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	7000	R	Relative response factor <0.005
FMP29733	29733-4	9/14/2015	MPSB0203-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	7400	R	Relative response factor <0.005
FMP29733	29733-5	9/14/2015	MPSB0203-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29733	29733-6	9/14/2015	MPSB0203-SS-CG-CK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29733	29755-1	9/15/2015	MPSB0203-SS-EY-FC-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-1	9/17/2015	MPSB0204-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29798	29798-2	9/17/2015	MPSB0204-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-3	9/17/2015	MPSB0204-SS-AI-AO-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29798	29798-4	9/17/2015	MPSB0204-SS-AO-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29798	29798-5	9/17/2015	MPSB0204-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29798	29798-6	9/17/2015	MPSB0205-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29798	29798-7	9/17/2015	MPSB0205-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-8	9/17/2015	MPSB0205-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-9	9/17/2015	MPSB0205-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-10	9/17/2015	MPSB0205-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29798	29798-12	9/17/2015	MPSB0205-SS-EY-FC-0	S	1,4-DIOXANE (P-DIOXANE)	180	R	Relative response factor <0.005
FMP29827	29827-1	9/18/2015	MPSB0206-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29827	29827-2	9/18/2015	MPSB0206-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29827	29827-3	9/18/2015	MPSB0206-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29827	29827-4	9/18/2015	MPSB0206-SS-AM-AP-0	S	1,4-DIOXANE (P-DIOXANE)	250	R	Relative response factor <0.005
FMP29827	29827-5	9/18/2015	MPSB0206-SS-AP-AU-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29827	29827-9	9/18/2015	MPSB0206-SS-AP-AU-1	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29827	29827-7	9/18/2015	MPSB0206-SS-CQ-CU-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Relative response factor <0.005
FMP29827	29827-8	9/18/2015	MPSB0206-SS-EY-FC-0	S	1,4-DIOXANE (P-DIOXANE)	99	R	Relative response factor <0.005
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29863	29863-2	9/21/2015	MPSB0207-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Relative response factor <0.005
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29863	29863-4	9/21/2015	MPSB0207-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	92	R	Relative response factor <0.005
FMP29863	29863-5	9/21/2015	MPSB0207-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP30242	302421	10/14/2015	MPSB0207-SS-GV-HA-0	S	1,4-DIOXANE (P-DIOXANE)	98	R	Relative response factor <0.005
FMP29863	29863-6	9/21/2015	MPSB0208-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	91	R	Relative response factor <0.005
FMP29863	29863-7	9/21/2015	MPSB0208-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29863	29863-8	9/21/2015	MPSB0208-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	85	R	Relative response factor <0.005
FMP29863	29863-9	9/21/2015	MPSB0208-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29863	29863-10	9/21/2015	MPSB0208-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	170	R	Relative response factor <0.005
FMP29863	29863-11	9/21/2015	MPSB0208-SS-CG-CK-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Relative response factor <0.005
FMP29863	29891-2	9/22/2015	MPSB0208-SS-FC-FG-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29863	29891-3	9/22/2015	MPSB0209-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	92	R	Relative response factor <0.005
FMP29863	29891-4	9/22/2015	MPSB0209-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29863	29891-5	9/22/2015	MPSB0209-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29863	29891-6	9/22/2015	MPSB0209-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29863	29891-7	9/22/2015	MPSB0209-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Relative response factor <0.005
FMP29917	29917-1	9/23/2015	MPSB0209-SS-EO-ES-0	S	1,4-DIOXANE (P-DIOXANE)	64	R	Relative response factor <0.005
FMP29917	29927-1	9/24/2015	MPSB0210-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	96	R	Relative response factor <0.005
FMP29917	29927-2	9/24/2015	MPSB0210-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29917	29927-3	9/24/2015	MPSB0210-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	98	R	Relative response factor <0.005
FMP29917	29927-5	9/24/2015	MPSB0210-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29917	29927-6	9/24/2015	MPSB0210-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP29966	29966-2	9/25/2015	MPSB0212-SS-AA-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29966	29966-3	9/25/2015	MPSB0212-SS-AE-AI-0	S	1,4-DIOXANE (P-DIOXANE)	90	R	Relative response factor <0.005
FMP29966	29966-4	9/25/2015	MPSB0212-SS-AI-AM-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP29966	29966-5	9/25/2015	MPSB0212-SS-AM-AQ-0	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP29966	29966-7	9/25/2015	MPSB0212-SS-AQ-AU-0	S	1,4-DIOXANE (P-DIOXANE)	5700	R	Relative response factor <0.005
FMP29966	29966-8	9/25/2015	MPSB0212-SS-AQ-AU-1	S	1,4-DIOXANE (P-DIOXANE)	6600	R	Relative response factor <0.005
FMP30242	303541	10/20/2015	MPSB0212-SS-HW-IC-0	S	1,4-DIOXANE (P-DIOXANE)	87	R	Relative response factor <0.005
FMP30242	303542	10/20/2015	MPSB0212-SS-HW-IC-1	S	1,4-DIOXANE (P-DIOXANE)	100	R	Relative response factor <0.005
FMP30970	309701	11/30/2015	MPSB0234-SS-AH-AI-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP30970	309702	11/30/2015	MPSB0234-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP30970	309703	11/30/2015	MPSB0235-SS-AS-AT-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP30970	309704	11/30/2015	MPSB0235-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP30970	309705	11/30/2015	MPSB0236-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309706	11/30/2015	MPSB0237-SS-AW-AX-0	S	1,4-DIOXANE (P-DIOXANE)	140	R	Relative response factor <0.005
FMP30970	309707	11/30/2015	MPSB0237-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP30970	309708	11/30/2015	MPSB0238-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309821	12/1/2015	MPSB0239-SS-AG-AH-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309822	12/1/2015	MPSB0239-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	220000	R	Relative response factor <0.005
FMP30970	309823	12/1/2015	MPSB0239-SS-BI-BJ-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Relative response factor <0.005
FMP30970	309824	12/1/2015	MPSB0240-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	5500	R	Relative response factor <0.005
FMP30970	309825	12/1/2015	MPSB0240-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309827	12/1/2015	MPSB0241-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	110000	R	Relative response factor <0.005
FMP30970	309828	12/1/2015	MPSB0241-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP30970	309829	12/1/2015	MPSB0241-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	76000	R	Relative response factor <0.005
FMP30970	3098210	12/1/2015	MPSB0241-SS-BQ-BR-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31016	310161	12/2/2015	MPSB0242-SS-AM-AN-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31016	310162	12/2/2015	MPSB0242-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	77000	R	Relative response factor <0.005
FMP31016	310166	12/2/2015	MPSB0242-SS-AZ-BA-1	S	1,4-DIOXANE (P-DIOXANE)	80000	R	Relative response factor <0.005
FMP31016	310163	12/2/2015	MPSB0242-SS-BP-BQ-0	S	1,4-DIOXANE (P-DIOXANE)	6400	R	Relative response factor <0.005
FMP31016	310164	12/2/2015	MPSB0242-SS-BT-BU-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31016	310165	12/2/2015	MPSB0242-SS-CI-CJ-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31016	310271	12/3/2015	MPSB0243-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	1300000	R	Relative response factor <0.005
FMP31016	310272	12/3/2015	MPSB0243-SS-BK-BL-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP31016	310273	12/3/2015	MPSB0244-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	730000	R	Relative response factor <0.005
FMP31016	310274	12/3/2015	MPSB0244-SS-BP-BQ-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP31016	310275	12/3/2015	MPSB0245-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	200000	R	Relative response factor <0.005
FMP31016	310276	12/3/2015	MPSB0245-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Relative response factor <0.005
FMP31016	310391	12/4/2015	MPSB0246-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	95000	R	Relative response factor <0.005
FMP31016	310392	12/4/2015	MPSB0246-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	7200	R	Relative response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP31016	310393	12/4/2015	MPSB0247-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	310000	R	Relative response factor <0.005
FMP31016	310394	12/4/2015	MPSB0247-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31072	310721	12/7/2015	MPSB0248-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	310000	R	Relative response factor <0.005
FMP31072	310729	12/7/2015	MPSB0248-SS-BF-BG-1	S	1,4-DIOXANE (P-DIOXANE)	88000	R	Relative response factor <0.005
FMP31072	310722	12/7/2015	MPSB0248-SS-BP-BQ-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31072	310831	12/8/2015	MPSB0252-SS-AL-AM-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Relative response factor <0.005
FMP31072	310832	12/8/2015	MPSB0253-SS-AV-AW-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Relative response factor <0.005
FMP31072	310833	12/8/2015	MPSB0253-SS-BE-BF-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31072	310834	12/8/2015	MPSB0254-SS-AT-AU-0	S	1,4-DIOXANE (P-DIOXANE)	330000	R	Relative response factor <0.005
FMP31072	310835	12/8/2015	MPSB0254-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	940000	R	Relative response factor <0.005
FMP31072	310836	12/8/2015	MPSB0254-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	19000	R	Relative response factor <0.005
FMP31113	311131	12/9/2015	MPSB0255-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	190000	R	Relative response factor <0.005
FMP31113	3111310	12/9/2015	MPSB0255-SS-BB-BC-1	S	1,4-DIOXANE (P-DIOXANE)	97000	R	Relative response factor <0.005
FMP31113	311132	12/9/2015	MPSB0255-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31113	311133	12/9/2015	MPSB0256-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	1300000	R	Relative response factor <0.005
FMP31113	311134	12/9/2015	MPSB0256-SS-BQ-BR-0	S	1,4-DIOXANE (P-DIOXANE)	120	R	Relative response factor <0.005
FMP31138	311381	12/10/2015	MPSB0257-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	240000	R	Relative response factor <0.005
FMP31138	311382	12/10/2015	MPSB0257-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	120000	R	Relative response factor <0.005
FMP31138	311383	12/10/2015	MPSB0257-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	7200	R	Relative response factor <0.005
FMP31138	311384	12/10/2015	MPSB0258-SS-AX-AY-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Relative response factor <0.005
FMP31138	311385	12/10/2015	MPSB0258-SS-BC-BD-0	S	1,4-DIOXANE (P-DIOXANE)	1000000	R	Relative response factor <0.005
FMP31138	311386	12/10/2015	MPSB0258-SS-BK-BL-0	S	1,4-DIOXANE (P-DIOXANE)	6800	R	Relative response factor <0.005
FMP31177	311771	12/14/2015	MPSB0259-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	400000	R	Relative response factor <0.005
FMP31177	311772	12/14/2015	MPSB0259-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	8900	R	Relative response factor <0.005
FMP31177	311773	12/14/2015	MPSB0260-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	1700000	R	Relative response factor <0.005
FMP31177	311774	12/14/2015	MPSB0260-SS-BF-BG-0	S	1,4-DIOXANE (P-DIOXANE)	1100000	R	Relative response factor <0.005
FMP31177	311775	12/14/2015	MPSB0260-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	24000	R	Relative response factor <0.005
FMP31113	311135	12/9/2015	MPSB0261-SS-BA-BB-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Relative response factor <0.005
FMP31113	311136	12/9/2015	MPSB0261-SS-BM-BN-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31113	311137	12/9/2015	MPSB0262-SS-BC-BE-0	S	1,4-DIOXANE (P-DIOXANE)	82000	R	Relative response factor <0.005
FMP31113	311138	12/9/2015	MPSB0262-SS-BG-BH-0	S	1,4-DIOXANE (P-DIOXANE)	100000	R	Relative response factor <0.005
FMP31113	311139	12/9/2015	MPSB0262-SS-BK-BL-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31138	311387	12/10/2015	MPSB0263-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	130000	R	Relative response factor <0.005
FMP31138	311388	12/10/2015	MPSB0263-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	38000	R	Relative response factor <0.005
FMP31138	311389	12/10/2015	MPSB0263-SS-BO-BP-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31138	3113810	12/10/2015	MPSB0264-SS-BD-BE-0	S	1,4-DIOXANE (P-DIOXANE)	6100	R	Relative response factor <0.005
FMP31138	3113811	12/10/2015	MPSB0264-SS-BH-BI-0	S	1,4-DIOXANE (P-DIOXANE)	66000	R	Relative response factor <0.005
FMP31138	3113812	12/10/2015	MPSB0264-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	130	R	Relative response factor <0.005
FMP31154	311541	12/11/2015	MPSB0274-SS-AA-AB-0	S	1,4-DIOXANE (P-DIOXANE)	110000	R	Relative response factor <0.005
FMP31154	311542	12/11/2015	MPSB0274-SS-AC-AD-0	S	1,4-DIOXANE (P-DIOXANE)	78000	R	Relative response factor <0.005
FMP31154	311543	12/11/2015	MPSB0274-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	7600	R	Relative response factor <0.005
FMP31154	311544	12/11/2015	MPSB0275-SS-AA-AB-0	S	1,4-DIOXANE (P-DIOXANE)	97000	R	Relative response factor <0.005

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP31154	311545	12/11/2015	MPSB0275-SS-AC-AD-0	S	1,4-DIOXANE (P-DIOXANE)	17000	R	Relative response factor <0.005
FMP31154	311548	12/11/2015	MPSB0275-SS-AC-AD-1	S	1,4-DIOXANE (P-DIOXANE)	15000	R	Relative response factor <0.005
FMP31154	311546	12/11/2015	MPSB0275-SS-AE-AF-0	S	1,4-DIOXANE (P-DIOXANE)	8700	R	Relative response factor <0.005
FMP31154	311547	12/11/2015	MPSB0276-SS-AA-AB-0	S	1,4-DIOXANE (P-DIOXANE)	30000	R	Relative response factor <0.005
FMP31177	311776	12/14/2015	MPSB0277-SS-BI-BJ-0	S	1,4-DIOXANE (P-DIOXANE)	360000	R	Relative response factor <0.005
FMP31177	311777	12/14/2015	MPSB0277-SS-BN-BO-0	S	1,4-DIOXANE (P-DIOXANE)	11000	R	Relative response factor <0.005
FMP31196	311962	12/15/2015	MPSB0278-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31196	311964	12/15/2015	MPSB0279-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31196	311966	12/15/2015	MPSB0280-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31196	311968	12/15/2015	MPSB0281-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31196	3119610	12/15/2015	MPSB0282-SS-BJ-BK-0	S	1,4-DIOXANE (P-DIOXANE)	150	R	Relative response factor <0.005
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Holding time > 14 days
FMP31225	312251	12/16/2015	MPSB0284-SS-AY-AZ-0	S	1,4-DIOXANE (P-DIOXANE)	5700	R	Relative response factor <0.005
FMP31225	312257	12/16/2015	MPSB0284-SS-AY-AZ-1	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP31225	312253	12/16/2015	MPSB0285-SS-AQ-AR-0	S	1,4-DIOXANE (P-DIOXANE)	590000	R	Relative response factor <0.005
FMP31225	312254	12/16/2015	MPSB0285-SS-BB-BC-0	S	1,4-DIOXANE (P-DIOXANE)	7600	R	Relative response factor <0.005
FMP31225	312255	12/16/2015	MPSB0286-SS-AZ-BA-0	S	1,4-DIOXANE (P-DIOXANE)	350000	R	Relative response factor <0.005
FMP31225	312256	12/16/2015	MPSB0286-SS-BG-BH-0	S	1,4-DIOXANE (P-DIOXANE)	6900	R	Relative response factor <0.005
FMP2712	2712-20	11/30/2010	RSSB0254-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Relative response factor <0.005
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP040	815782	12/15/2009	SLSB0001-SS-AF-AG-0	S	1,4-DIOXANE (P-DIOXANE)	110	R	Average response factor <0.005
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	2,4,5-TRICHLOROPHENOL	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	2,4,6-TRICHLOROPHENOL	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	2,4-DICHLOROPHENOL	190	R	Deuterated monitoring compound recovery =0%
FMP038	815456	12/9/2009	MPSB0022-SS-AD-AE-0	S	2,4-DINITROPHENOL	370	R	Relative response factor <0.01 in closing calibration verification
FMP043	816056	12/17/2009	MPSB0028-SS-AA-AB-0	S	2,4-DINITROPHENOL	340	R	Relative response factor <0.01 in closing calibration verification
FMP043	816059	12/17/2009	MPSB0029-SS-AA-AB-0	S	2,4-DINITROPHENOL	360	R	Relative response factor <0.01 in closing calibration verification
FMP043	816061	12/17/2009	MPSB0029-SS-AP-AQ-0	S	2,4-DINITROPHENOL	400	R	Relative response factor <0.01 in closing calibration verification
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	2,4-DINITROPHENOL	390	R	Deuterated monitoring compound recovery =0%
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	2-BUTANONE	11	R	Holding time > 14 days
Y132	776419	10/9/2006	PWSB0014-SS-AJ-AK-0	S	2-BUTANONE	570	R	Average response factor <0.05
Y132	776420	10/9/2006	PWSB0014-SS-AM-AN-0	S	2-BUTANONE	600	R	Average response factor <0.05
Y132	776421	10/9/2006	PWSB0014-SS-AP-AQ-0	S	2-BUTANONE	6.7	R	Average response factor <0.05
Y132	776422	10/9/2006	PWSB0014-SS-AP-AQ-1	S	2-BUTANONE	6.6	R	Average response factor <0.05
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	2-HEXANONE	19	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	2-HEXANONE	11	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	2-HEXANONE	11	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	2-HEXANONE	10	R	Holding time > 14 days
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	2-NITROANILINE	390	R	Deuterated monitoring compound recovery =0%
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	3,3'-DICHLOROBENZIDINE	190	R	Low internal standard response
FMP29798	29798-5	9/17/2015	MPSB0204-SS-AQ-AU-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	3,3'-DICHLOROBENZIDINE	180	R	Low internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	3,3'-DICHLOROBENZIDINE	200	R	Deuterated monitoring compound recovery =0%
FMP29966	29966-2	9/25/2015	MPSB0212-SS-AA-AE-0	S	3,3'-DICHLOROBENZIDINE	180	R	Deuterated monitoring compound recovery =0%
FMP30984	309844	12/1/2015	MPSB0214-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	2100	R	Deuterated monitoring compound recovery =0%
FMP30984	310191	12/2/2015	MPSB0215-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	260	R	Deuterated monitoring compound recovery =0%
FMP30984	310192	12/2/2015	MPSB0215-SS-AD-AE-0	S	3,3'-DICHLOROBENZIDINE	180	R	Deuterated monitoring compound recovery =0%
FMP30984	310198	12/2/2015	MPSB0217-SS-AD-AE-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310672	12/4/2015	MPSB0222-SS-AD-AE-0	S	3,3'-DICHLOROBENZIDINE	270	R	Deuterated monitoring compound recovery =0%
FMP31070	310702	12/7/2015	MPSB0223-SS-AD-AE-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310677	12/4/2015	MPSB0225-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	310	R	Deuterated monitoring compound recovery =0%
FMP31070	310704	12/7/2015	MPSB0226-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	370	R	Deuterated monitoring compound recovery =0%
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	260	R	Deuterated monitoring compound recovery =0%
FMP31082	310821	12/8/2015	MPSB0228-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	310824	12/8/2015	MPSB0229-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	300	R	Deuterated monitoring compound recovery =0%
FMP31082	3108210	12/8/2015	MPSB0231-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	340	R	Deuterated monitoring compound recovery =0%
FMP31082	3108211	12/8/2015	MPSB0231-SS-AD-AE-0	S	3,3'-DICHLOROBENZIDINE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	3108213	12/8/2015	MPSB0232-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	580	R	Deuterated monitoring compound recovery =0%
FMP31072	310725	12/7/2015	MPSB0250-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31072	310727	12/7/2015	MPSB0251-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311551	12/11/2015	MPSB0265-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311553	12/11/2015	MPSB0266-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311555	12/11/2015	MPSB0267-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311557	12/11/2015	MPSB0268-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311559	12/11/2015	MPSB0269-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115513	12/11/2015	MPSB0271-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115517	12/11/2015	MPSB0273-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	190	R	Deuterated monitoring compound recovery =0%
FMP31154	311547	12/11/2015	MPSB0276-SS-AA-AB-0	S	3,3'-DICHLOROBENZIDINE	470	R	Deuterated monitoring compound recovery =0%
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	3-NITROANILINE	390	R	Deuterated monitoring compound recovery =0%
A801	645192	6/22/05	HCSB0119-SS-AA-AB-0	S	4,4'-DDD	26	R	The %D between the positive results on both columns> 100%
A801	645193	6/22/05	HCSB0120-SS-AA-AB-0	S	4,4'-DDD	46	R	The %D between the positive results on both columns> 100%
A801	645194	6/22/05	HCSB0121-SS-AA-AB-0	S	4,4'-DDD	14	R	The %D between the positive results on both columns> 100%
A801	645196	6/22/05	HCSB0123-SS-AA-AB-0	S	4,4'-DDD	18	R	The %D between the positive results on both columns> 100%
A801	645197	6/22/05	HCSB0123-SS-AA-AB-1	S	4,4'-DDD	17	R	The %D between the positive results on both columns> 100%
A801	645201	6/22/05	HCSB0127-SS-AA-AB-0	S	4,4'-DDD	21	R	The %D between the positive results on both columns> 100%
A801	645205	6/22/05	HCSB0131-SS-AA-AB-0	S	4,4'-DDD	11	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	4,4'-DDD	5.3	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	4,4'-DDD	4.0	R	Surrogate recoveries <10%
W009	HF97K	7/25/05	HCSB0185-SS-AA-AB-0	S	4,4'-DDD	5.0	R	The %D between the positive results on both columns> 100%
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	4,4'-DDD	5.7	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	4,4'-DDD	7.2	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	4,4'-DDE	5.3	R	Surrogate recoveries <10%
A888	645779	6/23/05	HCSB0135-SS-AC-AD-0	S	4,4'-DDE	59	R	The %D between the positive results on both columns> 100%

Appendix E
Table 1
Former Manufacturing Plant
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
A887	645767	6/23/05	HCSB0143-SS-AC-AD-0	S	4,4'-DDE	110	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	4,4'-DDE	4.0	R	Surrogate recoveries <10%
W009	HF97A	7/25/05	HCSB0183-SS-AA-AB-0	S	4,4'-DDE	8.8	R	The %D between the positive results on both columns> 100%
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	4,4'-DDE	4.4	R	The %D between the positive results on both columns> 100%
A801	645192	6/22/05	HCSB0119-SS-AA-AB-0	S	4,4'-DDT	16	R	The %D between the positive results on both columns> 100%
A801	645194	6/22/05	HCSB0121-SS-AA-AB-0	S	4,4'-DDT	10	R	The %D between the positive results on both columns> 100%
A801	645195	6/22/05	HCSB0122-SS-AA-AB-0	S	4,4'-DDT	37	R	The %D between the positive results on both columns> 100%
A801	645201	6/22/05	HCSB0127-SS-AA-AB-0	S	4,4'-DDT	11	R	The %D between the positive results on both columns> 100%
A801	645203	6/22/05	HCSB0129-SS-AA-AB-0	S	4,4'-DDT	69	R	The %D between the positive results on both columns> 100%
A801	645204	6/22/05	HCSB0130-SS-AA-AB-0	S	4,4'-DDT	68	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	4,4'-DDT	5.3	R	Surrogate recoveries <10%
A888	645779	6/23/05	HCSB0135-SS-AC-AD-0	S	4,4'-DDT	24	R	The %D between the positive results on both columns> 100%
A887	645765	6/23/05	HCSB0141-SS-AC-AD-0	S	4,4'-DDT	30	R	The %D between the positive results on both columns> 100%
A887	645768	6/23/05	HCSB0144-SS-AC-AD-0	S	4,4'-DDT	18	R	The %D between the positive results on both columns> 100%
A887	645769	6/23/05	HCSB0145-SS-AC-AD-0	S	4,4'-DDT	25	R	The %D between the positive results on both columns> 100%
A887	645771	6/23/05	HCSB0146-SS-AC-AD-1	S	4,4'-DDT	13	R	The %D between the positive results on both columns> 100%
B025	646663	6/27/05	HCSB0152-SS-AC-AD-0	S	4,4'-DDT	8.7	R	The %D between the positive results on both columns> 100%
B025	646665	6/27/05	HCSB0154-SS-AC-AD-0	S	4,4'-DDT	16	R	The %D between the positive results on both columns> 100%
B025	646667	6/27/05	HCSB0156-SS-AC-AD-0	S	4,4'-DDT	14	R	The %D between the positive results on both columns> 100%
B025	646668	6/27/05	HCSB0156-SS-AC-AD-1	S	4,4'-DDT	15	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	4,4'-DDT	4.0	R	Surrogate recoveries <10%
FMP034	814993	12/3/2009	MPSB0015-SS-AA-AB-0	S	4,4'-DDT	8.5	R	The %D between the positive results on both columns> 100%
FMP038	815450	12/9/2009	MPSB0021-SS-AA-AB-0	S	4,4'-DDT	140	R	The %D between the positive results on both columns> 100%
FMP038	815455	12/9/2009	MPSB0022-SS-AA-AB-0	S	4,4'-DDT	180	R	The %D between the positive results on both columns> 100%
FMP038	815456	12/9/2009	MPSB0022-SS-AD-AE-0	S	4,4'-DDT	6.6	R	The %D between the positive results on both columns> 100%
FMP039	815535	12/10/2009	MPSB0023-SS-AA-AB-0	S	4,4'-DDT	77	R	The %D between the positive results on both columns> 100%
FMP039	815537	12/10/2009	MPSB0023-SS-AL-AM-0	S	4,4'-DDT	10.0	R	The %D between the positive results on both columns> 100%
FMP039	815539	12/10/2009	MPSB0024-SS-AA-AB-0	S	4,4'-DDT	92	R	The %D between the positive results on both columns> 100%
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	4,4'-DDT	35	R	The %D between the positive results on both columns> 100%
FMP048	816992	1/7/2010	MPSB0038-SS-AA-AB-0	S	4,4'-DDT	4.2	R	The %D between the positive results on both columns> 100%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	4,4'-DDT	11.0	R	The %D between the positive results on both columns> 100%
FMP052	817600	1/14/2010	MPSB0049-SS-AE-AF-1	S	4,4'-DDT	6.4	R	The %D between the positive results on both columns> 100%
FMP065	821697	3/3/2010	MPSB0076-SS-AA-AB-0	S	4,4'-DDT	8.2	R	The %D between the positive results on both columns> 100%
FMP065	821699	3/3/2010	MPSB0076-SS-AF-AG-0	S	4,4'-DDT	7.5	R	The %D between the positive results on both columns> 100%
FMP30984	309844	12/1/2015	MPSB0214-SS-AA-AB-0	S	4,6-DINITRO-2-METHYLPHENOL	4000	R	Deuterated monitoring compound recovery =0%
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	4,6-DINITRO-2-METHYLPHENOL	390	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	4-CHLORO-3-METHYLPHENOL	190	R	Deuterated monitoring compound recovery =0%
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	4-CHLOROANILINE	200	R	Deuterated monitoring compound recovery =0%
FMP29966	29966-2	9/25/2015	MPSB0212-SS-AA-AE-0	S	4-CHLOROANILINE	180	R	Deuterated monitoring compound recovery =0%
FMP30984	309844	12/1/2015	MPSB0214-SS-AA-AB-0	S	4-CHLOROANILINE	2100	R	Deuterated monitoring compound recovery =0%
FMP30984	310191	12/2/2015	MPSB0215-SS-AA-AB-0	S	4-CHLOROANILINE	260	R	Deuterated monitoring compound recovery =0%
FMP30984	310192	12/2/2015	MPSB0215-SS-AD-AE-0	S	4-CHLOROANILINE	180	R	Deuterated monitoring compound recovery =0%

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP30984	310198	12/2/2015	MPSB0217-SS-AD-AE-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310672	12/4/2015	MPSB0222-SS-AD-AE-0	S	4-CHLOROANILINE	270	R	Deuterated monitoring compound recovery =0%
FMP31070	310702	12/7/2015	MPSB0223-SS-AD-AE-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310677	12/4/2015	MPSB0225-SS-AA-AB-0	S	4-CHLOROANILINE	310	R	Deuterated monitoring compound recovery =0%
FMP31070	310704	12/7/2015	MPSB0226-SS-AA-AB-0	S	4-CHLOROANILINE	370	R	Deuterated monitoring compound recovery =0%
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	4-CHLOROANILINE	260	R	Deuterated monitoring compound recovery =0%
FMP31082	310821	12/8/2015	MPSB0228-SS-AA-AB-0	S	4-CHLOROANILINE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	310824	12/8/2015	MPSB0229-SS-AA-AB-0	S	4-CHLOROANILINE	300	R	Deuterated monitoring compound recovery =0%
FMP31082	3108210	12/8/2015	MPSB0231-SS-AA-AB-0	S	4-CHLOROANILINE	340	R	Deuterated monitoring compound recovery =0%
FMP31082	3108211	12/8/2015	MPSB0231-SS-AD-AE-0	S	4-CHLOROANILINE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	3108213	12/8/2015	MPSB0232-SS-AA-AB-0	S	4-CHLOROANILINE	580	R	Deuterated monitoring compound recovery =0%
FMP31072	310725	12/7/2015	MPSB0250-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31072	310727	12/7/2015	MPSB0251-SS-AA-AB-0	S	4-CHLOROANILINE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311551	12/11/2015	MPSB0265-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311553	12/11/2015	MPSB0266-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311555	12/11/2015	MPSB0267-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311557	12/11/2015	MPSB0268-SS-AA-AB-0	S	4-CHLOROANILINE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311559	12/11/2015	MPSB0269-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115513	12/11/2015	MPSB0271-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115517	12/11/2015	MPSB0273-SS-AA-AB-0	S	4-CHLOROANILINE	190	R	Deuterated monitoring compound recovery =0%
FMP31154	311547	12/11/2015	MPSB0276-SS-AA-AB-0	S	4-CHLOROANILINE	470	R	Deuterated monitoring compound recovery =0%
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	4-METHYL-2-PENTANONE	14	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	4-METHYL-2-PENTANONE	19	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	4-METHYL-2-PENTANONE	11	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	4-METHYL-2-PENTANONE	11	R	Holding time > 14 days
FMP29798	29798-5	9/17/2015	MPSB0204-SS-AQ-AU-0	S	4-NITROANILINE	370	R	Deuterated monitoring compound recovery =0%
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	4-NITROANILINE	390	R	Deuterated monitoring compound recovery =0%
FMP30970	309826	12/1/2015	MPSB0241-SS-AF-AG-0	S	4-NITROPHENOL	390	R	Deuterated monitoring compound recovery =0%
Y132	776419	10/9/2006	PWSB0014-SS-AJ-AK-0	S	ACETONE	570	R	Average response factor <0.05
Y132	776420	10/9/2006	PWSB0014-SS-AM-AN-0	S	ACETONE	600	R	Average response factor <0.05
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ALDRIN	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ALDRIN	2.1	R	Surrogate recoveries <10%
W009	HF96N	7/25/05	HCSB0182-SS-AA-AB-0	S	ALDRIN	3.4	R	The %D between the positive results on both columns> 100%
FMP052	817595	1/14/2010	MPSB0050-SS-AA-AB-0	S	ALDRIN	2.8	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ALPHA-BHC	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ALPHA-BHC	2.1	R	Surrogate recoveries <10%
FMP046	816850	1/5/2010	MPSB0033-SS-AJ-AK-0	S	ALPHA-BHC	2	R	The %D between the positive results on both columns> 100%
A801	645198	6/22/05	HCSB0124-SS-AA-AB-0	S	ALPHA-CHLORDANE	13	R	The %D between the positive results on both columns> 100%
A801	645199	6/22/05	HCSB0125-SS-AA-AB-0	S	ALPHA-CHLORDANE	19	R	The %D between the positive results on both columns> 100%
A801	645200	6/22/05	HCSB0126-SS-AA-AB-0	S	ALPHA-CHLORDANE	14	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ALPHA-CHLORDANE	2.7	R	Surrogate recoveries <10%

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ALPHA-CHLORDANE	2.1	R	Surrogate recoveries <10%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	ALPHA-CHLORDANE	5.9	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1016	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1016	40	R	Surrogate recoveries <10%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1221	110	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1221	82	R	Surrogate recoveries <10%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1232	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1232	40	R	Surrogate recoveries <10%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1242	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1242	40	R	Surrogate recoveries <10%
FMP12886	12886-5	9/26/2012	MPSB0145-SS-AL-AM-0	S	AROCLOR-1242	81	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1248	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1248	40	R	Surrogate recoveries <10%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1254	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1254	40	R	Surrogate recoveries <10%
FMP046	816849	1/5/2010	MPSB0033-SS-AH-AI-0	S	AROCLOR-1254	36.0	R	The %D between the positive results on both columns> 100%
FMP046	816850	1/5/2010	MPSB0033-SS-AJ-AK-0	S	AROCLOR-1254	84.0	R	The %D between the positive results on both columns> 100%
FMP12841	12841-3	9/24/2012	MPSB0139-SS-AL-AM-0	S	AROCLOR-1254	47	R	The %D between the positive results on both columns> 100%
FMP12841	12841-4	9/24/2012	MPSB0139-SS-AT-AU-0	S	AROCLOR-1254	63	R	The %D between the positive results on both columns> 100%
FMP12886	12886-5	9/26/2012	MPSB0145-SS-AL-AM-0	S	AROCLOR-1254	120	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	AROCLOR-1260	53	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	AROCLOR-1260	40	R	Surrogate recoveries <10%
V109	756520	7/27/2006	HCSB0274-SS-AA-AB-0	S	ARSENIC, TOTAL	2.9	R	Matrix spike recovery >200%
V109	756521	7/27/2006	HCSB0275-SS-AA-AB-0	S	ARSENIC, TOTAL	2.2	R	Matrix spike recovery >200%
SW079	678356	8/10/2006	HCSB0300-SS-AA-AB-0	S	ARSENIC, TOTAL	8.2	R	Matrix spike recovery <10%
SW079	678357	8/10/2006	HCSB0300-SS-AE-AF-0	S	ARSENIC, TOTAL	1.9	R	Matrix spike recovery <10%
SW079	678358	8/10/2006	HCSB0301-SS-AA-AB-0	S	ARSENIC, TOTAL	13.3	R	Matrix spike recovery <10%
SW079	678359	8/10/2006	HCSB0301-SS-AE-AF-0	S	ARSENIC, TOTAL	1.4	R	Matrix spike recovery <10%
SW079	678360	8/10/2006	HCSB0302-SS-AA-AB-0	S	ARSENIC, TOTAL	3.9	R	Matrix spike recovery <10%
SW079	678361	8/10/2006	HCSB0303-SS-AA-AB-0	S	ARSENIC, TOTAL	81.3	R	Matrix spike recovery <10%
SW079	678362	8/10/2006	HCSB0303-SS-AE-AF-0	S	ARSENIC, TOTAL	6.4	R	Matrix spike recovery <10%
FMP12743	12743-1	9/17/2012	MPSB0039-SS-AX-AY-0	S	ARSENIC, TOTAL	1.9	R	Matrix spike recovery >200%
FMP12743	12743-2	9/17/2012	MPSB0128-SS-AA-AB-0	S	ARSENIC, TOTAL	26.5	R	Matrix spike recovery >200%
FMP12743	12743-3	9/17/2012	MPSB0128-SS-AE-AF-0	S	ARSENIC, TOTAL	11.2	R	Matrix spike recovery >200%
FMP12743	12743-4	9/17/2012	MPSB0128-SS-AH-AI-0	S	ARSENIC, TOTAL	1.2	R	Matrix spike recovery >200%
FMP12743	12743-8	9/17/2012	MPSB0128-SS-AH-AI-1	S	ARSENIC, TOTAL	1.4	R	Matrix spike recovery >200%
FMP12743	12743-5	9/17/2012	MPSB0129-SS-AA-AB-0	S	ARSENIC, TOTAL	14.9	R	Matrix spike recovery >200%
FMP12743	12743-6	9/17/2012	MPSB0129-SS-AE-AF-0	S	ARSENIC, TOTAL	1.0	R	Matrix spike recovery >200%
FMP12743	12743-7	9/17/2012	MPSB0129-SS-AH-AI-0	S	ARSENIC, TOTAL	0.67	R	Matrix spike recovery >200%
FMP29827	29827-1	9/18/2015	MPSB0206-SS-AA-AE-0	S	BARIUM, TOTAL	56.1	R	Matrix spike recovery >200%
FMP29827	29827-2	9/18/2015	MPSB0206-SS-AE-AI-0	S	BARIUM, TOTAL	27.2	R	Matrix spike recovery >200%
FMP29827	29827-3	9/18/2015	MPSB0206-SS-AI-AM-0	S	BARIUM, TOTAL	73.1	R	Matrix spike recovery >200%

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29827	29827-4	9/18/2015	MPSB0206-SS-AM-AP-0	S	BARIUM, TOTAL	541	R	Matrix spike recovery >200%
FMP29827	29827-5	9/18/2015	MPSB0206-SS-AP-AU-0	S	BARIUM, TOTAL	89.8	R	Matrix spike recovery >200%
FMP29827	29827-9	9/18/2015	MPSB0206-SS-AP-AU-1	S	BARIUM, TOTAL	114	R	Matrix spike recovery >200%
FMP29827	29827-7	9/18/2015	MPSB0206-SS-CQ-CU-0	S	BARIUM, TOTAL	20	R	Matrix spike recovery >200%
FMP29827	29827-8	9/18/2015	MPSB0206-SS-EY-FC-0	S	BARIUM, TOTAL	19.9	R	Matrix spike recovery >200%
FMP2590	2590-1	11/17/2010	RSSB0156-SS-AA-AB-0	S	BARIUM, TOTAL	288	R	Matrix spike recovery >200%
FMP2590	2590-2	11/17/2010	RSSB0156-SS-AD-AE-0	S	BARIUM, TOTAL	157	R	Matrix spike recovery >200%
FMP2590	2590-3	11/17/2010	RSSB0157-SS-AA-AB-0	S	BARIUM, TOTAL	196	R	Matrix spike recovery >200%
FMP2590	2590-4	11/17/2010	RSSB0157-SS-AD-AE-0	S	BARIUM, TOTAL	100	R	Matrix spike recovery >200%
FMP2590	2590-5	11/17/2010	RSSB0158-SS-AA-AB-0	S	BARIUM, TOTAL	18.1	R	Matrix spike recovery >200%
FMP2590	2590-6	11/17/2010	RSSB0158-SS-AD-AE-0	S	BARIUM, TOTAL	23.6	R	Matrix spike recovery >200%
FMP2590	2590-7	11/17/2010	RSSB0159-SS-AA-AB-0	S	BARIUM, TOTAL	35.4	R	Matrix spike recovery >200%
FMP2590	2590-8	11/17/2010	RSSB0159-SS-AD-AE-0	S	BARIUM, TOTAL	720	R	Matrix spike recovery >200%
FMP2590	2590-9	11/17/2010	RSSB0159-SS-AF-AG-0	S	BARIUM, TOTAL	293	R	Matrix spike recovery >200%
FMP2590	2590-10	11/17/2010	RSSB0160-SS-AA-AB-0	S	BARIUM, TOTAL	47	R	Matrix spike recovery >200%
FMP2590	2590-11	11/17/2010	RSSB0160-SS-AD-AE-0	S	BARIUM, TOTAL	73.4	R	Matrix spike recovery >200%
FMP2590	2590-12	11/17/2010	RSSB0160-SS-AF-AG-0	S	BARIUM, TOTAL	195	R	Matrix spike recovery >200%
FMP2590	2590-13	11/17/2010	RSSB0161-SS-AA-AB-0	S	BARIUM, TOTAL	25.3	R	Matrix spike recovery >200%
FMP2590	2590-14	11/17/2010	RSSB0161-SS-AD-AE-0	S	BARIUM, TOTAL	52.3	R	Matrix spike recovery >200%
FMP2590	2590-15	11/17/2010	RSSB0162-SS-AA-AB-0	S	BARIUM, TOTAL	1200	R	Matrix spike recovery >200%
FMP2590	2590-16	11/17/2010	RSSB0162-SS-AD-AE-0	S	BARIUM, TOTAL	5.7	R	Matrix spike recovery >200%
FMP2590	2590-17	11/17/2010	RSSB0163-SS-AA-AB-0	S	BARIUM, TOTAL	234	R	Matrix spike recovery >200%
FMP2590	2590-18	11/17/2010	RSSB0163-SS-AD-AE-0	S	BARIUM, TOTAL	18.7	R	Matrix spike recovery >200%
FMP2646	2646-36	11/22/2010	RSSB0199-SS-AA-AB-1	S	BARIUM, TOTAL	88.5	R	Incomparable filed duplicate results
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	BENZENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	BENZENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	BENZENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	BENZENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	BENZENE	5.6	R	Holding time > 14 days
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	BENZO(A)PYRENE	190	R	Low internal standard response
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	BENZO(B)FLUORANTHENE	200	R	Low internal standard response
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	BENZO(B)FLUORANTHENE	190	R	Low internal standard response
FMP31029	310676	12/4/2015	MPSB0224-SS-AH-AI-0	S	BENZO(B)FLUORANTHENE	210	R	Low internal standard response
FMP2712	2712-28	11/30/2010	RSSB0258-SS-AD-AE-0	S	BENZO(B)FLUORANTHENE	200	R	Low internal response
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	BENZO(G,H,I)PERYLENE	190	R	Low internal standard response
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	BENZO(G,H,I)PERYLENE	200	R	Low internal standard response
FMP29863	29863-6	9/21/2015	MPSB0208-SS-AA-AE-0	S	BENZO(G,H,I)PERYLENE	170	R	Low internal standard response
FMP31029	3106710	12/4/2015	MPSB0222-SS-AD-AE-1	S	BENZO(G,H,I)PERYLENE	520	R	Low internal standard response
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	BENZO(G,H,I)PERYLENE	190	R	Low internal standard response
FMP31029	310676	12/4/2015	MPSB0224-SS-AH-AI-0	S	BENZO(G,H,I)PERYLENE	210	R	Low internal standard response
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	BENZO(G,H,I)PERYLENE	260	R	Low internal standard response
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	BENZO(K)FLUORANTHENE	200	R	Low internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	BENZO(K)FLUORANTHENE	190	R	Low internal standard response
FMP31029	310676	12/4/2015	MPSB0224-SS-AH-AI-0	S	BENZO(K)FLUORANTHENE	210	R	Low internal standard response
FMP2712	2712-28	11/30/2010	RSSB0258-SS-AD-AE-0	S	BENZO(K)FLUORANTHENE	200	R	Low internal response
A801	645192	6/22/05	HCSB0119-SS-AA-AB-0	S	BETA-BHC	3.5	R	The %D between the positive results on both columns> 100%
A801	645201	6/22/05	HCSB0127-SS-AA-AB-0	S	BETA-BHC	8.1	R	The %D between the positive results on both columns> 100%
A801	645204	6/22/05	HCSB0130-SS-AA-AB-0	S	BETA-BHC	14	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	BETA-BHC	2.7	R	Surrogate recoveries <10%
A888	645782	6/23/05	HCSB0138-SS-AC-AD-0	S	BETA-BHC	11	R	The %D between the positive results on both columns> 100%
B025	646666	6/27/05	HCSB0155-SS-AC-AD-0	S	BETA-BHC	5	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	BETA-BHC	2.1	R	Surrogate recoveries <10%
FMP046	816850	1/5/2010	MPSB0033-SS-AJ-AK-0	S	BETA-BHC	2	R	The %D between the positive results on both columns> 100%
FMP052	817590	1/14/2010	MPSB0049-SS-AA-AB-0	S	BETA-BHC	8.2	R	The %D between the positive results on both columns> 100%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	BETA-BHC	12	R	The %D between the positive results on both columns> 100%
FMP052	817600	1/14/2010	MPSB0049-SS-AE-AF-1	S	BETA-BHC	11	R	The %D between the positive results on both columns> 100%
FMP052	817593	1/14/2010	MPSB0049-SS-AL-AM-0	S	BETA-BHC	7.5	R	The %D between the positive results on both columns> 100%
FMP052	817598	1/14/2010	MPSB0050-SS-AM-AN-0	S	BETA-BHC	6.5	R	The %D between the positive results on both columns> 100%
FMP052	817599	1/14/2010	MPSB0050-SS-AT-AU-0	S	BETA-BHC	4.8	R	The %D between the positive results on both columns> 100%
FMP055	818076	1/19/2010	MPSB0056-SS-AA-AB-0	S	BETA-BHC	7.2	R	The %D between the positive results on both columns> 100%
FMP056	818205	1/20/2010	MPSB0058-SS-AT-AU-0	S	BETA-BHC	2.2	R	The %D between the positive results on both columns> 100%
FMP057	818309	1/21/2010	MPSB0059-SS-AA-AB-0	S	BETA-BHC	2.6	R	The %D between the positive results on both columns> 100%
FMP057	818314	1/21/2010	MPSB0060-SS-AA-AB-0	S	BETA-BHC	2.9	R	The %D between the positive results on both columns> 100%
FMP061	819293	2/1/2010	MPSB0067-SS-AN-AO-0	S	BETA-BHC	3.2	R	The %D between the positive results on both columns> 100%
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	BIS(2-ETHYLHEXYL) PHTHALATE	180	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	BROMOCHLOROMETHANE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	BROMODICHLOROMETHANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	BROMODICHLOROMETHANE	9.3	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	BROMODICHLOROMETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	BROMODICHLOROMETHANE	5.6	R	Holding time > 14 days
FMP26825	26825-2	2/24/2015	ERTSB12F-SS-AU-AY-0	S	BROMOFORM	5.5	R	Low internal standard respones
FMP023	814036	11/18/2009	MPSB0004-SS-AD-AE-0	S	BROMOFORM	4.7	R	Extremely low Internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	BROMOFORM	6.9	R	Extremely low Internal standard response
FMP062	819383	2/2/2010	MPSB0013-SS-EO-EP-0	S	BROMOFORM	5.5	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	BROMOFORM	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	BROMOFORM	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	BROMOFORM	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	BROMOFORM	9.3	R	Extremely low Internal standard response
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	BROMOFORM	8.6	R	Extremely low Internal standard response
FMP050	817338	1/12/2010	MPSB0044-SS-AD-AE-0	S	BROMOFORM	5.4	R	Extremely low Internal standard response
FMP052	817587	1/14/2010	MPSB0048-SS-AD-AE-0	S	BROMOFORM	4.5	R	Extremely low Internal standard response
FMP061	819297	2/1/2010	MPSB0068-SS-AJ-AK-0	S	BROMOFORM	5.1	R	Extremely low Internal standard response
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	BROMOFORM	4.9	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	BROMOFORM	5.4	R	Extremely low Internal standard response

Appendix E
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Former Manufacturing Plant
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FMP068	822251	3/9/2010	MPSB0073-SS-DK-DL-0	S	BROMOFORM	8.7	R	Extremely low Internal standard response
FMP067	822148	3/8/2010	MPSB0074-SS-DI-DJ-0	S	BROMOFORM	5	R	Extremely low Internal standard response
FMP071	823504	3/23/2010	MPSB0080-SS-AD-AE-0	S	BROMOFORM	5.0	R	Extremely low Internal standard response
FMP073	823752	3/25/2010	MPSB0085-SS-AD-AE-0	S	BROMOFORM	5.2	R	Extremely low Internal standard response
FMP12079	12079-1	8/2/2012	MPSB0112-SS-AK-AM-0	S	BROMOFORM	6.1	R	Extremely low Internal standard response
FMP12079	12079-5	8/2/2012	MPSB0112-SS-AK-AM-1	S	BROMOFORM	5.6	R	Extremely low Internal standard response
FMP12079	12079-4	8/2/2012	MPSB0112-SS-CH-CI-0	S	BROMOFORM	6.2	R	Extremely low Internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	BROMOFORM	5.3	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	BROMOFORM	5.3	R	Low internal standard response
FMP29917	29927-13	9/24/2015	MPSB0210-SS-AQ-AU-1	S	BROMOFORM	5.2	R	Low internal standard response
FMP29917	29927-7	9/24/2015	MPSB0210-SS-CG-CK-0	S	BROMOFORM	5.8	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	BROMOFORM	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	BROMOFORM	5.7	R	Extremely low Internal standard response
FMP12683	12683-1	9/13/2012	MPSB0126-SS-BE-BF-0	S	BROMOMETHANE	400	R	Average response factor <0.1
FMP12683	12683-2	9/13/2012	MPSB0126-SS-BM-BO-0	S	BROMOMETHANE	210	R	Average response factor <0.1
FMP12788	12788-3	9/19/2012	MPSB0135-SS-AE-AF-0	S	BROMOMETHANE	1200	R	Average response factor <0.1
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	BROMOMETHANE	5.6	R	Holding time > 14 days
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	BUTYL BENZYL PHTHALATE	190	R	Low internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	BUTYL BENZYL PHTHALATE	180	R	Low internal standard response
FMP047	816890	1/6/2010	MPSB0034-SS-AA-AB-0	S	CADMIUM, TOTAL	0.073	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816892	1/6/2010	MPSB0034-SS-AH-AI-0	S	CADMIUM, TOTAL	0.059	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816893	1/6/2010	MPSB0035-SS-AA-AB-0	S	CADMIUM, TOTAL	0.36	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816895	1/6/2010	MPSB0035-SS-AH-AI-0	S	CADMIUM, TOTAL	0.51	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816899	1/6/2010	MPSB0035-SS-AH-AI-1	S	CADMIUM, TOTAL	0.49	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816896	1/6/2010	MPSB0036-SS-AA-AB-0	S	CADMIUM, TOTAL	0.47	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP047	816898	1/6/2010	MPSB0036-SS-AL-AM-0	S	CADMIUM, TOTAL	0.55	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816989	1/7/2010	MPSB0037-SS-AA-AB-0	S	CADMIUM, TOTAL	0.095	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816991	1/7/2010	MPSB0037-SS-AI-AJ-0	S	CADMIUM, TOTAL	0.48	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816992	1/7/2010	MPSB0038-SS-AA-AB-0	S	CADMIUM, TOTAL	0.16	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816994	1/7/2010	MPSB0038-SS-AE-AF-0	S	CADMIUM, TOTAL	0.37	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816995	1/7/2010	MPSB0038-SS-AH-AI-0	S	CADMIUM, TOTAL	0.40	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP048	816996	1/7/2010	MPSB0038-SS-AH-AI-1	S	CADMIUM, TOTAL	0.55	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813917	11/17/2009	MPSB0001-SS-AA-AB-0	S	CALCIUM, TOTAL	523	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813919	11/17/2009	MPSB0001-SS-AY-AZ-0	S	CALCIUM, TOTAL	145	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813920	11/17/2009	MPSB0001-SS-BH-BI-0	S	CALCIUM, TOTAL	1220	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813921	11/17/2009	MPSB0001-SS-BJ-BK-0	S	CALCIUM, TOTAL	118	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813922	11/17/2009	MPSB0002-SS-AA-AB-0	S	CALCIUM, TOTAL	1270	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP022	813924	11/17/2009	MPSB0002-SS-BM-BN-0	S	CALCIUM, TOTAL	66.2	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CARBON DISULFIDE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	CARBON TETRACHLORIDE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	CARBON TETRACHLORIDE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	CARBON TETRACHLORIDE	5.4	R	Extremely low Internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	CARBON TETRACHLORIDE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CARBON TETRACHLORIDE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	CHLOROBENZENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	CHLOROBENZENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	CHLOROBENZENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	CHLOROBENZENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CHLOROBENZENE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CHLOROETHANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CHLOROFORM	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CHLOROMETHANE	5.6	R	Holding time > 14 days
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	CHROMIUM, TOTAL	188	R	Incomparable field duplicate results
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	CHROMIUM, TOTAL	26.9	R	Incomparable field duplicate results
FMP2590	2590-32	11/17/2010	RSSB0157-SS-AD-AE-1	S	CHROMIUM, TOTAL	8.1	R	Lab duplicate relative percent difference >100%
FMP2590	2590-19	11/17/2010	RSSB0164-SS-AA-AB-0	S	CHROMIUM, TOTAL	19.1	R	Lab duplicate relative percent difference >100%
FMP2590	2590-33	11/17/2010	RSSB0164-SS-AA-AB-1	S	CHROMIUM, TOTAL	17.5	R	Lab duplicate relative percent difference >100%
FMP2590	2590-20	11/17/2010	RSSB0164-SS-AD-AE-0	S	CHROMIUM, TOTAL	5.6	R	Lab duplicate relative percent difference >100%
FMP2590	2590-21	11/17/2010	RSSB0165-SS-AA-AB-0	S	CHROMIUM, TOTAL	47.9	R	Lab duplicate relative percent difference >100%
FMP2590	2590-22	11/17/2010	RSSB0165-SS-AD-AE-0	S	CHROMIUM, TOTAL	1.5	R	Lab duplicate relative percent difference >100%
FMP2590	2590-23	11/17/2010	RSSB0166-SS-AA-AB-0	S	CHROMIUM, TOTAL	18.2	R	Lab duplicate relative percent difference >100%
FMP2590	2590-24	11/17/2010	RSSB0166-SS-AD-AE-0	S	CHROMIUM, TOTAL	1.3	R	Lab duplicate relative percent difference >100%
FMP2590	2590-25	11/17/2010	RSSB0167-SS-AA-AB-0	S	CHROMIUM, TOTAL	150	R	Lab duplicate relative percent difference >100%
FMP2590	2590-26	11/17/2010	RSSB0167-SS-AD-AE-0	S	CHROMIUM, TOTAL	2.3	R	Lab duplicate relative percent difference >100%
FMP2590	2590-27	11/17/2010	RSSB0168-SS-AA-AB-0	S	CHROMIUM, TOTAL	89	R	Lab duplicate relative percent difference >100%
FMP2590	2590-28	11/17/2010	RSSB0168-SS-AD-AE-0	S	CHROMIUM, TOTAL	1.4	R	Lab duplicate relative percent difference >100%
FMP2590	2590-29	11/17/2010	RSSB0169-SS-AA-AB-0	S	CHROMIUM, TOTAL	9.7	R	Lab duplicate relative percent difference >100%
FMP2590	2590-30	11/17/2010	RSSB0169-SS-AD-AE-0	S	CHROMIUM, TOTAL	10.2	R	Lab duplicate relative percent difference >100%
FMP2590	2590-31	11/17/2010	RSSB0169-SS-AF-AG-0	S	CHROMIUM, TOTAL	0.86	R	Lab duplicate relative percent difference >100%
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CIS-1,2-DICHLOROETHENE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	CIS-1,3-DICHLOROPROPENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	CIS-1,3-DICHLOROPROPENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	CIS-1,3-DICHLOROPROPENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	CIS-1,3-DICHLOROPROPENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CIS-1,3-DICHLOROPROPENE	5.6	R	Holding time > 14 days
V109	756520	7/27/2006	HCSB0274-SS-AA-AB-0	S	COPPER, TOTAL	6.9	R	Matrix spike recovery >200%
V109	756521	7/27/2006	HCSB0275-SS-AA-AB-0	S	COPPER, TOTAL	20.3	R	Matrix spike recovery >200%
FMP063	819540	2/3/2010	MPSB0069-SS-AH-AI-0	S	COPPER, TOTAL	4.7	R	Incomparable field duplicate results
FMP063	819548	2/3/2010	MPSB0069-SS-AH-AI-1	S	COPPER, TOTAL	104	R	Incomparable field duplicate results
FMP2669	2669-1	11/23/2010	RSSB0215-SS-AA-AB-0	S	COPPER, TOTAL	5.6	R	Lab duplicate relative percent difference >100%
FMP2669	2669-2	11/23/2010	RSSB0215-SS-AD-AE-0	S	COPPER, TOTAL	178	R	Lab duplicate relative percent difference >100%
FMP2669	2669-3	11/23/2010	RSSB0216-SS-AA-AB-0	S	COPPER, TOTAL	7.2	R	Lab duplicate relative percent difference >100%
FMP2669	2669-4	11/23/2010	RSSB0216-SS-AD-AE-0	S	COPPER, TOTAL	21.4	R	Lab duplicate relative percent difference >100%
FMP2669	2669-5	11/23/2010	RSSB0216-SS-AF-AG-0	S	COPPER, TOTAL	1.2	R	Lab duplicate relative percent difference >100%

Appendix E
Table 1
Former Manufacturing Plant
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FMP2669	2669-6	11/23/2010	RSSB0217-SS-AA-AB-0	S	COPPER, TOTAL	2.5	R	Lab duplicate relative percent difference >100%
FMP2669	2669-7	11/23/2010	RSSB0217-SS-AD-AE-0	S	COPPER, TOTAL	8	R	Lab duplicate relative percent difference >100%
FMP2669	2669-8	11/23/2010	RSSB0218-SS-AA-AB-0	S	COPPER, TOTAL	8.8	R	Lab duplicate relative percent difference >100%
FMP2669	2669-9	11/23/2010	RSSB0218-SS-AD-AE-0	S	COPPER, TOTAL	1.6	R	Lab duplicate relative percent difference >100%
FMP2669	2669-10	11/23/2010	RSSB0219-SS-AA-AB-0	S	COPPER, TOTAL	3.7	R	Lab duplicate relative percent difference >100%
FMP2669	2669-11	11/23/2010	RSSB0219-SS-AD-AE-0	S	COPPER, TOTAL	2.4	R	Lab duplicate relative percent difference >100%
FMP2669	2669-12	11/23/2010	RSSB0220-SS-AA-AB-0	S	COPPER, TOTAL	3	R	Lab duplicate relative percent difference >100%
FMP2669	2669-13	11/23/2010	RSSB0220-SS-AD-AE-0	S	COPPER, TOTAL	3.3	R	Lab duplicate relative percent difference >100%
FMP2669	2669-14	11/23/2010	RSSB0220-SS-AF-AG-0	S	COPPER, TOTAL	9.1	R	Lab duplicate relative percent difference >100%
FMP2669	2669-15	11/23/2010	RSSB0221-SS-AA-AB-0	S	COPPER, TOTAL	2.9	R	Lab duplicate relative percent difference >100%
FMP2669	2669-16	11/23/2010	RSSB0221-SS-AD-AE-0	S	COPPER, TOTAL	19.1	R	Lab duplicate relative percent difference >100%
FMP2669	2669-17	11/23/2010	RSSB0222-SS-AA-AB-0	S	COPPER, TOTAL	11.4	R	Lab duplicate relative percent difference >100%
FMP2669	2669-18	11/23/2010	RSSB0222-SS-AD-AE-0	S	COPPER, TOTAL	7	R	Lab duplicate relative percent difference >100%
FMP2669	2669-19	11/23/2010	RSSB0223-SS-AA-AB-0	S	COPPER, TOTAL	4.1	R	Lab duplicate relative percent difference >100%
FMP2669	2669-20	11/23/2010	RSSB0223-SS-AD-AE-0	S	COPPER, TOTAL	3.6	R	Lab duplicate relative percent difference >100%
SW083	679021	8/15/2006	HCSB0307-SS-AA-AB-0	S	CYANIDE, TOTAL	10.8	R	Matrix spike recovery >200%
SW083	679022	8/15/2006	HCSB0307-SS-AE-AF-0	S	CYANIDE, TOTAL	0.64	R	Matrix spike recovery >200%
SW083	679024	8/15/2006	HCSB0308-SS-AE-AF-0	S	CYANIDE, TOTAL	2.0	R	Matrix spike recovery >200%
SW083	679025	8/15/2006	HCSB0309-SS-AA-AB-0	S	CYANIDE, TOTAL	16.9	R	Matrix spike recovery >200%
SW083	679027	8/15/2006	HCSB0310-SS-AA-AB-0	S	CYANIDE, TOTAL	26.2	R	Matrix spike recovery >200%
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	CYCLOHEXANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	CYCLOHEXANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	CYCLOHEXANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	CYCLOHEXANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	CYCLOHEXANE	5.6	R	Holding time > 14 days
A801	645204	6/22/05	HCSB0130-SS-AA-AB-0	S	DELTA-BHC	4.9	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	DELTA-BHC	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	DELTA-BHC	2.1	R	Surrogate recoveries <10%
FMP045	816778	1/4/2010	MPSB0030-SS-AA-AB-0	S	DELTA-BHC	2.2	R	The %D between the positive results on both columns> 100%
FMP061	819293	2/1/2010	MPSB0067-SS-AN-AO-0	S	DELTA-BHC	2.4	R	The %D between the positive results on both columns> 100%
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	DIBENZO(A,H)ANTHRACENE	190	R	Low internal standard response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	DIBROMOCHLOROMETHANE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	DIBROMOCHLOROMETHANE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	DIBROMOCHLOROMETHANE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	DIBROMOCHLOROMETHANE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	DIBROMOCHLOROMETHANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	DICHLORODIFLUOROMETHANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	DICHLOROMETHANE	5.6	R	Holding time > 14 days
A801	645192	6/22/05	HCSB0119-SS-AA-AB-0	S	DIELDRIN	22	R	The %D between the positive results on both columns> 100%
A801	645193	6/22/05	HCSB0120-SS-AA-AB-0	S	DIELDRIN	26	R	The %D between the positive results on both columns> 100%
A801	645194	6/22/05	HCSB0121-SS-AA-AB-0	S	DIELDRIN	7	R	The %D between the positive results on both columns> 100%
A801	645198	6/22/05	HCSB0124-SS-AA-AB-0	S	DIELDRIN	42	R	The %D between the positive results on both columns> 100%

Appendix E
Table 1
Former Manufacturing Plant
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A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	DIELDRIN	5.3	R	Surrogate recoveries <10%
A887	645764	6/23/05	HCSB0140-SS-AC-AD-0	S	DIELDRIN	18	R	The %D between the positive results on both columns> 100%
A887	645765	6/23/05	HCSB0141-SS-AC-AD-0	S	DIELDRIN	17	R	The %D between the positive results on both columns> 100%
A887	645767	6/23/05	HCSB0143-SS-AC-AD-0	S	DIELDRIN	23	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	DIELDRIN	4.0	R	Surrogate recoveries <10%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	DIELDRIN	470	R	The %D between the positive results on both columns> 100%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	DIELDRIN	3.8	R	The %D between the positive results on both columns> 100%
FMP052	817593	1/14/2010	MPSB0049-SS-AL-AM-0	S	DIELDRIN	3.8	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	DIELDRIN	8.1	R	The %D between the positive results on both columns> 100%
FMP065	821697	3/3/2010	MPSB0076-SS-AA-AB-0	S	DIELDRIN	3.9	R	The %D between the positive results on both columns> 100%
FMP12743	12743-5	9/17/2012	MPSB0129-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	170	R	Extremely low Internal standard response
FMP12758	12758-7	9/18/2012	MPSB0132-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	200	R	Extremely low Internal standard response
FMP12886	12886-3	9/26/2012	MPSB0145-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	370	R	Extremely low Internal standard response
FMP12976	12976-2	10/1/2012	MPSB0148-SS-AD-AE-0	S	DI-N-OCTYLPHTHALATE	180	R	Extremely low Internal standard response
FMP12976	12976-4	10/1/2012	MPSB0149-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	730	R	Extremely low Internal standard response
FMP12976	12976-5	10/1/2012	MPSB0149-SS-AD-AE-0	S	DI-N-OCTYLPHTHALATE	190	R	Extremely low Internal standard response
FMP12976	12976-6	10/1/2012	MPSB0149-SS-AL-AM-0	S	DI-N-OCTYLPHTHALATE	230	R	Extremely low Internal standard response
FMP13381	13381-4	10/22/2012	MPSB0157-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	250	R	Extremely low Internal standard response
FMP13381	13381-9	10/22/2012	MPSB0157-SS-AA-AB-1	S	DI-N-OCTYLPHTHALATE	250	R	Extremely low Internal standard response
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	DI-N-OCTYLPHTHALATE	190	R	Low internal standard response
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	DI-N-OCTYLPHTHALATE	200	R	Low internal standard response
FMP29827	29827-5	9/18/2015	MPSB0206-SS-AP-AU-0	S	DI-N-OCTYLPHTHALATE	760	R	Low internal standard response
FMP29827	29827-9	9/18/2015	MPSB0206-SS-AP-AU-1	S	DI-N-OCTYLPHTHALATE	700	R	Low internal standard response
FMP29863	29863-1	9/21/2015	MPSB0207-SS-AA-AE-0	S	DI-N-OCTYLPHTHALATE	180	R	Low internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	DI-N-OCTYLPHTHALATE	200	R	Low internal standard response
FMP29863	29863-4	9/21/2015	MPSB0207-SS-AM-AQ-0	S	DI-N-OCTYLPHTHALATE	190	R	Low internal standard response
FMP29863	29863-6	9/21/2015	MPSB0208-SS-AA-AE-0	S	DI-N-OCTYLPHTHALATE	170	R	Low internal standard response
FMP31029	310671	12/4/2015	MPSB0222-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	8200	R	Low internal standard response
FMP31029	3106710	12/4/2015	MPSB0222-SS-AD-AE-1	S	DI-N-OCTYLPHTHALATE	21	R	Low internal standard response
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	DI-N-OCTYLPHTHALATE	190	R	Low internal standard response
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	DI-N-OCTYLPHTHALATE	260	R	Low internal standard response
FMP31155	3115518	12/11/2015	MPSB0273-SS-AC-AD-0	S	DI-N-OCTYLPHTHALATE	190	R	Low internal standard response
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDOSULFAN I	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDOSULFAN I	2.1	R	Surrogate recoveries <10%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	ENDOSULFAN I	4.1	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDOSULFAN II	5.3	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDOSULFAN II	4.0	R	Surrogate recoveries <10%
FMP039	815535	12/10/2009	MPSB0023-SS-AA-AB-0	S	ENDOSULFAN II	6.4	R	The %D between the positive results on both columns> 100%
FMP039	815539	12/10/2009	MPSB0024-SS-AA-AB-0	S	ENDOSULFAN II	15	R	The %D between the positive results on both columns> 100%
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	ENDOSULFAN II	4.3	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	ENDOSULFAN II	4.9	R	The %D between the positive results on both columns> 100%
A801	645193	6/22/05	HCSB0120-SS-AA-AB-0	S	ENDOSULFAN SULFATE	28	R	The %D between the positive results on both columns> 100%

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
A801	645196	6/22/05	HCSB0123-SS-AA-AB-0	S	ENDOSULFAN SULFATE	12	R	The %D between the positive results on both columns> 100%
A801	645198	6/22/05	HCSB0124-SS-AA-AB-0	S	ENDOSULFAN SULFATE	47	R	The %D between the positive results on both columns> 100%
A801	645204	6/22/05	HCSB0130-SS-AA-AB-0	S	ENDOSULFAN SULFATE	17	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDOSULFAN SULFATE	5.3	R	Surrogate recoveries <10%
A887	645768	6/23/05	HCSB0144-SS-AC-AD-0	S	ENDOSULFAN SULFATE	12	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDOSULFAN SULFATE	4.0	R	Surrogate recoveries <10%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	ENDOSULFAN SULFATE	24	R	The %D between the positive results on both columns> 100%
FMP051	817444	1/13/2010	MPSB0046-SS-AA-AB-0	S	ENDOSULFAN SULFATE	4.2	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	ENDOSULFAN SULFATE	9.5	R	The %D between the positive results on both columns> 100%
A801	645195	6/22/05	HCSB0122-SS-AA-AB-0	S	ENDRIN	16	R	The %D between the positive results on both columns> 100%
A801	645199	6/22/05	HCSB0125-SS-AA-AB-0	S	ENDRIN	18	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDRIN	5.3	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDRIN	4.0	R	Surrogate recoveries <10%
W009	HF97K	7/25/05	HCSB0185-SS-AA-AB-0	S	ENDRIN	2.3	R	The %D between the positive results on both columns> 100%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	ENDRIN	270	R	The %D between the positive results on both columns> 100%
FMP037	815342	12/8/2009	MPSB0019-SS-AL-AM-0	S	ENDRIN	4.9	R	The %D between the positive results on both columns> 100%
FMP037	815346	12/8/2009	MPSB0020-SS-AD-AE-0	S	ENDRIN	110	R	The %D between the positive results on both columns> 100%
FMP038	815450	12/9/2009	MPSB0021-SS-AA-AB-0	S	ENDRIN	32	R	The %D between the positive results on both columns> 100%
FMP038	815455	12/9/2009	MPSB0022-SS-AA-AB-0	S	ENDRIN	48	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDRIN ALDEHYDE	5.3	R	Surrogate recoveries <10%
A887	645769	6/23/05	HCSB0145-SS-AC-AD-0	S	ENDRIN ALDEHYDE	25	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDRIN ALDEHYDE	4.0	R	Surrogate recoveries <10%
W011	HGCKG	7/26/05	HCSB0192-SS-AC-AD-0	S	ENDRIN ALDEHYDE	7.6	R	The %D between the positive results on both columns> 100%
W011	HGCKN	7/26/05	HCSB0193-SS-AC-AD-0	S	ENDRIN ALDEHYDE	6.5	R	The %D between the positive results on both columns> 100%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	ENDRIN ALDEHYDE	60	R	The %D between the positive results on both columns> 100%
FMP037	815346	12/8/2009	MPSB0020-SS-AD-AE-0	S	ENDRIN ALDEHYDE	37	R	The %D between the positive results on both columns> 100%
FMP038	815450	12/9/2009	MPSB0021-SS-AA-AB-0	S	ENDRIN ALDEHYDE	12	R	The %D between the positive results on both columns> 100%
FMP038	815455	12/9/2009	MPSB0022-SS-AA-AB-0	S	ENDRIN ALDEHYDE	21	R	The %D between the positive results on both columns> 100%
FMP039	815537	12/10/2009	MPSB0023-SS-AL-AM-0	S	ENDRIN ALDEHYDE	14.0	R	The %D between the positive results on both columns> 100%
FMP039	815541	12/10/2009	MPSB0024-SS-AL-AM-0	S	ENDRIN ALDEHYDE	11.0	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	ENDRIN ALDEHYDE	11.0	R	The %D between the positive results on both columns> 100%
A801	645193	6/22/05	HCSB0120-SS-AA-AB-0	S	ENDRIN KETONE	20	R	The %D between the positive results on both columns> 100%
A801	645199	6/22/05	HCSB0125-SS-AA-AB-0	S	ENDRIN KETONE	17	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	ENDRIN KETONE	5.3	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	ENDRIN KETONE	4.0	R	Surrogate recoveries <10%
FMP037	815340	12/8/2009	MPSB0019-SS-AA-AB-0	S	ENDRIN KETONE	6.5	R	The %D between the positive results on both columns> 100%
FMP037	815342	12/8/2009	MPSB0019-SS-AL-AM-0	S	ENDRIN KETONE	17.0	R	The %D between the positive results on both columns> 100%
FMP038	815450	12/9/2009	MPSB0021-SS-AA-AB-0	S	ENDRIN KETONE	110	R	The %D between the positive results on both columns> 100%
FMP038	815455	12/9/2009	MPSB0022-SS-AA-AB-0	S	ENDRIN KETONE	150	R	The %D between the positive results on both columns> 100%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	ENDRIN KETONE	6.3	R	The %D between the positive results on both columns> 100%
FMP052	817600	1/14/2010	MPSB0049-SS-AE-AF-1	S	ENDRIN KETONE	5.8	R	The %D between the positive results on both columns> 100%
FMP052	817593	1/14/2010	MPSB0049-SS-AL-AM-0	S	ENDRIN KETONE	6.6	R	The %D between the positive results on both columns> 100%

Appendix E
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Former Manufacturing Plant
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	ETHYLBENZENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	ETHYLBENZENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	ETHYLBENZENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	ETHYLBENZENE	5.6	R	Holding time > 14 days
A801	645194	6/22/05	HCSB0121-SS-AA-AB-0	S	GAMMA-BHC (LINDANE)	2.7	R	The %D between the positive results on both columns> 100%
A801	645195	6/22/05	HCSB0122-SS-AA-AB-0	S	GAMMA-BHC (LINDANE)	13	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	GAMMA-BHC (LINDANE)	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	GAMMA-BHC (LINDANE)	2.1	R	Surrogate recoveries <10%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	GAMMA-CHLORDANE	2.7	R	Surrogate recoveries <10%
A887	645767	6/23/05	HCSB0143-SS-AC-AD-0	S	GAMMA-CHLORDANE	8.6	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	GAMMA-CHLORDANE	2.1	R	Surrogate recoveries <10%
W009	HF96N	7/25/05	HCSB0182-SS-AA-AB-0	S	GAMMA-CHLORDANE	9.8	R	The %D between the positive results on both columns> 100%
W009	HF97A	7/25/05	HCSB0183-SS-AA-AB-0	S	GAMMA-CHLORDANE	9.1	R	The %D between the positive results on both columns> 100%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	GAMMA-CHLORDANE	42	R	The %D between the positive results on both columns> 100%
FMP038	815456	12/9/2009	MPSB0022-SS-AD-AE-0	S	GAMMA-CHLORDANE	2.5	R	The %D between the positive results on both columns> 100%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	GAMMA-CHLORDANE	11.0	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	HEPTACHLOR	2.7	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	HEPTACHLOR	2.1	R	Surrogate recoveries <10%
FMP045	816778	1/4/2010	MPSB0030-SS-AA-AB-0	S	HEPTACHLOR	3.7	R	The %D between the positive results on both columns> 100%
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	HEPTACHLOR EPOXIDE	2.7	R	Surrogate recoveries <10%
A887	645767	6/23/05	HCSB0143-SS-AC-AD-0	S	HEPTACHLOR EPOXIDE	13	R	The %D between the positive results on both columns> 100%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	HEPTACHLOR EPOXIDE	2.1	R	Surrogate recoveries <10%
FMP037	815341	12/8/2009	MPSB0019-SS-AD-AE-0	S	HEPTACHLOR EPOXIDE	62	R	The %D between the positive results on both columns> 100%
FMP037	815346	12/8/2009	MPSB0020-SS-AD-AE-0	S	HEPTACHLOR EPOXIDE	18	R	The %D between the positive results on both columns> 100%
FMP038	815450	12/9/2009	MPSB0021-SS-AA-AB-0	S	HEPTACHLOR EPOXIDE	4.8	R	The %D between the positive results on both columns> 100%
FMP038	815455	12/9/2009	MPSB0022-SS-AA-AB-0	S	HEPTACHLOR EPOXIDE	10	R	The %D between the positive results on both columns> 100%
FMP039	815535	12/10/2009	MPSB0023-SS-AA-AB-0	S	HEPTACHLOR EPOXIDE	3.4	R	The %D between the positive results on both columns> 100%
FMP039	815539	12/10/2009	MPSB0024-SS-AA-AB-0	S	HEPTACHLOR EPOXIDE	17	R	The %D between the positive results on both columns> 100%
FMP039	815540	12/10/2009	MPSB0024-SS-AD-AE-0	S	HEPTACHLOR EPOXIDE	5.3	R	The %D between the positive results on both columns> 100%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	HEPTACHLOR EPOXIDE	2.2	R	The %D between the positive results on both columns> 100%
FMP052	817593	1/14/2010	MPSB0049-SS-AL-AM-0	S	HEPTACHLOR EPOXIDE	2.4	R	The %D between the positive results on both columns> 100%
FMP065	821699	3/3/2010	MPSB0076-SS-AF-AG-0	S	HEPTACHLOR EPOXIDE	2.2	R	The %D between the positive results on both columns> 100%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	HEXACHLOROBUTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP29798	29798-5	9/17/2015	MPSB0204-SS-AQ-AU-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	HEXACHLOROCYCLOPENTADIENE	200	R	Deuterated monitoring compound recovery =0%
FMP29966	29966-2	9/25/2015	MPSB0212-SS-AA-AE-0	S	HEXACHLOROCYCLOPENTADIENE	180	R	Deuterated monitoring compound recovery =0%
FMP30984	309844	12/1/2015	MPSB0214-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	2100	R	Deuterated monitoring compound recovery =0%
FMP30984	310191	12/2/2015	MPSB0215-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	260	R	Deuterated monitoring compound recovery =0%
FMP30984	310192	12/2/2015	MPSB0215-SS-AD-AE-0	S	HEXACHLOROCYCLOPENTADIENE	180	R	Deuterated monitoring compound recovery =0%
FMP30984	310198	12/2/2015	MPSB0217-SS-AD-AE-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310296	12/3/2015	MPSB0220-SS-AH-AI-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310672	12/4/2015	MPSB0222-SS-AD-AE-0	S	HEXACHLOROCYCLOPENTADIENE	270	R	Deuterated monitoring compound recovery =0%

Appendix E
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Former Manufacturing Plant
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP31070	310702	12/7/2015	MPSB0223-SS-AD-AE-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31029	310677	12/4/2015	MPSB0225-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	310	R	Deuterated monitoring compound recovery =0%
FMP31070	310704	12/7/2015	MPSB0226-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	370	R	Deuterated monitoring compound recovery =0%
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	260	R	Deuterated monitoring compound recovery =0%
FMP31082	310821	12/8/2015	MPSB0228-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	310824	12/8/2015	MPSB0229-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	300	R	Deuterated monitoring compound recovery =0%
FMP31082	3108210	12/8/2015	MPSB0231-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	340	R	Deuterated monitoring compound recovery =0%
FMP31082	3108211	12/8/2015	MPSB0231-SS-AD-AE-0	S	HEXACHLOROCYCLOPENTADIENE	240	R	Deuterated monitoring compound recovery =0%
FMP31082	3108213	12/8/2015	MPSB0232-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	580	R	Deuterated monitoring compound recovery =0%
FMP31072	310725	12/7/2015	MPSB0250-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31072	310727	12/7/2015	MPSB0251-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311551	12/11/2015	MPSB0265-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311553	12/11/2015	MPSB0266-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311555	12/11/2015	MPSB0267-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	311557	12/11/2015	MPSB0268-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	200	R	Deuterated monitoring compound recovery =0%
FMP31155	311559	12/11/2015	MPSB0269-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115513	12/11/2015	MPSB0271-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31155	3115517	12/11/2015	MPSB0273-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	190	R	Deuterated monitoring compound recovery =0%
FMP31154	311547	12/11/2015	MPSB0276-SS-AA-AB-0	S	HEXACHLOROCYCLOPENTADIENE	470	R	Deuterated monitoring compound recovery =0%
FMP29733	29733-2	9/14/2015	MPSB0203-SS-AF-AI-0	S	INDENO(1,2,3-CD)PYRENE	190	R	Low internal standard response
FMP29733	29733-3	9/14/2015	MPSB0203-SS-AI-AM-0	S	INDENO(1,2,3-CD)PYRENE	200	R	Low internal standard response
FMP29863	29863-6	9/21/2015	MPSB0208-SS-AA-AE-0	S	INDENO(1,2,3-CD)PYRENE	170	R	Low internal standard response
FMP31070	310703	12/7/2015	MPSB0223-SS-AH-AI-0	S	INDENO(1,2,3-CD)PYRENE	190	R	Low internal standard response
FMP31029	310676	12/4/2015	MPSB0224-SS-AH-AI-0	S	INDENO(1,2,3-CD)PYRENE	210	R	Low internal standard response
FMP31070	310707	12/7/2015	MPSB0227-SS-AA-AB-0	S	INDENO(1,2,3-CD)PYRENE	260	R	Low internal standard response
FMP2712	2712-28	11/30/2010	RSSB0258-SS-AD-AE-0	S	INDENO(1,2,3-CD)PYRENE	200	R	Low internal response
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	ISOPROPYLBENZENE	6.9	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	ISOPROPYLBENZENE	6.4	R	Extremely low Internal standard response
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	ISOPROPYLBENZENE	8.4	R	Extremely low Internal standard response
FMP040	815778	12/15/2009	MPSB0025-SS-AH-AI-0	S	ISOPROPYLBENZENE	4.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	ISOPROPYLBENZENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	ISOPROPYLBENZENE	5.4	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	ISOPROPYLBENZENE	5.6	R	Holding time > 14 days
FMP040	815781	12/15/2009	SLSB0001-SS-AD-AE-0	S	ISOPROPYLBENZENE	5.7	R	Extremely low Internal standard response
FMP038	815457	12/9/2009	MPSB0022-SS-AL-AM-0	S	LEAD, TOTAL	981	R	Incomparable field duplicate results
FMP038	815459	12/9/2009	MPSB0022-SS-AL-AM-1	S	LEAD, TOTAL	185	R	Incomparable field duplicate results
FMP043	816056	12/17/2009	MPSB0028-SS-AA-AB-0	S	LEAD, TOTAL	10.6	R	Matrix spike recovery >200%
FMP043	816058	12/17/2009	MPSB0028-SS-AL-AM-0	S	LEAD, TOTAL	25.2	R	Matrix spike recovery >200%
FMP043	816059	12/17/2009	MPSB0029-SS-AA-AB-0	S	LEAD, TOTAL	19.0	R	Matrix spike recovery >200%
FMP043	816061	12/17/2009	MPSB0029-SS-AP-AQ-0	S	LEAD, TOTAL	2.2	R	Matrix spike recovery >200%
FMP045	816778	1/4/2010	MPSB0030-SS-AA-AB-0	S	LEAD, TOTAL	214	R	Matrix spike recovery >200%
FMP045	816780	1/4/2010	MPSB0030-SS-AJ-AK-0	S	LEAD, TOTAL	8.4	R	Matrix spike recovery >200%

Appendix E
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP045	816781	1/4/2010	MPSB0031-SS-AA-AB-0	S	LEAD, TOTAL	4.9	R	Matrix spike recovery >200%
FMP045	816783	1/4/2010	MPSB0031-SS-AH-AI-0	S	LEAD, TOTAL	3.0	R	Matrix spike recovery >200%
FMP045	816784	1/4/2010	MPSB0031-SS-AI-AJ-0	S	LEAD, TOTAL	3.0	R	Matrix spike recovery >200%
FMP045	816785	1/4/2010	MPSB0031-SS-AL-AM-0	S	LEAD, TOTAL	3.1	R	Matrix spike recovery >200%
FMP046	816842	1/5/2010	MPSB0032-SS-AA-AB-0	S	LEAD, TOTAL	307	R	Matrix spike recovery >200%
FMP046	816844	1/5/2010	MPSB0032-SS-AI-AJ-0	S	LEAD, TOTAL	2.2	R	Matrix spike recovery >200%
FMP046	816845	1/5/2010	MPSB0032-SS-AL-AM-0	S	LEAD, TOTAL	3.2	R	Matrix spike recovery >200%
FMP046	816846	1/5/2010	MPSB0033-SS-AA-AB-0	S	LEAD, TOTAL	186	R	Matrix spike recovery >200%
FMP046	816848	1/5/2010	MPSB0033-SS-AE-AF-0	S	LEAD, TOTAL	112	R	Matrix spike recovery >200%
FMP046	816849	1/5/2010	MPSB0033-SS-AH-AI-0	S	LEAD, TOTAL	255	R	Matrix spike recovery >200%
FMP046	816850	1/5/2010	MPSB0033-SS-AJ-AK-0	S	LEAD, TOTAL	564	R	Matrix spike recovery >200%
FMP052	817592	1/14/2010	MPSB0049-SS-AE-AF-0	S	LEAD, TOTAL	25.5	R	Incomparable field duplicate results
FMP052	817600	1/14/2010	MPSB0049-SS-AE-AF-1	S	LEAD, TOTAL	2520	R	Incomparable field duplicate results
FMP060	818877	1/28/2010	MPSB0064-SS-AA-AB-0	S	LEAD, TOTAL	3.8	R	Matrix spike recovery >200%
FMP060	818879	1/28/2010	MPSB0064-SS-AV-AW-0	S	LEAD, TOTAL	2.8	R	Matrix spike recovery >200%
FMP060	818880	1/28/2010	MPSB0064-SS-AW-AX-0	S	LEAD, TOTAL	2.9	R	Matrix spike recovery >200%
FMP060	818881	1/28/2010	MPSB0064-SS-BG-BH-0	S	LEAD, TOTAL	2.6	R	Matrix spike recovery >200%
FMP060	818882	1/28/2010	MPSB0065-SS-AA-AB-0	S	LEAD, TOTAL	35.2	R	Matrix spike recovery >200%
FMP060	818884	1/28/2010	MPSB0065-SS-AR-AS-0	S	LEAD, TOTAL	1.7	R	Matrix spike recovery >200%
FMP060	818885	1/28/2010	MPSB0066-SS-AA-AB-0	S	LEAD, TOTAL	22.6	R	Matrix spike recovery >200%
FMP060	818887	1/28/2010	MPSB0066-SS-AJ-AK-0	S	LEAD, TOTAL	5.6	R	Matrix spike recovery >200%
FMP2615	2615-17	11/19/2010	RSSB0195-SS-AA-AB-0	S	LEAD, TOTAL	5790	R	Incomparable filed duplicate results
FMP2615	2615-25	11/19/2010	RSSB0195-SS-AA-AB-1	S	LEAD, TOTAL	245	R	Incomparable filed duplicate results
FMP040	815782	12/15/2009	SLSB0001-SS-AF-AG-0	S	LEAD, TOTAL	5.2	R	Matrix spike recovery >200%
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	M,P-XYLENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	M,P-XYLENE	5.4	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	M,P-XYLENE	5.6	R	Holding time > 14 days
SW077	678245	8/9/2006	HCSB0296-SS-AE-AF-0	S	MANGANESE, TOTAL	16.3	R	Matrix spike recovery <10%
SW077	678246	8/9/2006	HCSB0296-SS-AM-AN-0	S	MANGANESE, TOTAL	5.7	R	Matrix spike recovery <10%
SW077	678247	8/9/2006	HCSB0297-SS-AE-AF-0	S	MANGANESE, TOTAL	16.7	R	Matrix spike recovery <10%
SW077	678253	8/9/2006	HCSB0297-SS-AE-AF-1	S	MANGANESE, TOTAL	14.0	R	Matrix spike recovery <10%
SW077	678248	8/9/2006	HCSB0298-SS-AA-AB-0	S	MANGANESE, TOTAL	114	R	Matrix spike recovery <10%
SW077	678249	8/9/2006	HCSB0298-SS-AE-AF-0	S	MANGANESE, TOTAL	59.1	R	Matrix spike recovery <10%
SW077	678250	8/9/2006	HCSB0298-SS-AI-AJ-0	S	MANGANESE, TOTAL	10.8	R	Matrix spike recovery <10%
SW077	678251	8/9/2006	HCSB0299-SS-AA-AB-0	S	MANGANESE, TOTAL	40.3	R	Matrix spike recovery <10%
SW077	678252	8/9/2006	HCSB0299-SS-AI-AJ-0	S	MANGANESE, TOTAL	126	R	Matrix spike recovery <10%
FMP049	817257	1/11/2010	MPSB0039-SS-AA-AB-0	S	MANGANESE, TOTAL	83.8	R	Matrix spike recovery >200%
FMP049	817259	1/11/2010	MPSB0039-SS-AH-AI-0	S	MANGANESE, TOTAL	35.4	R	Matrix spike recovery >200%
FMP049	817260	1/11/2010	MPSB0039-SS-AL-AM-0	S	MANGANESE, TOTAL	12.8	R	Matrix spike recovery >200%
FMP049	817261	1/11/2010	MPSB0040-SS-AA-AB-0	S	MANGANESE, TOTAL	15.0	R	Matrix spike recovery >200%
FMP049	817263	1/11/2010	MPSB0040-SS-AL-AM-0	S	MANGANESE, TOTAL	17.4	R	Matrix spike recovery >200%
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	MANGANESE, TOTAL	12.7	R	Matrix spike recovery >200%

Appendix E
Table 1
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP049	817269	1/11/2010	MPSB0040-SS-AP-AQ-1	S	MANGANESE, TOTAL	11.1	R	Matrix spike recovery >200%
FMP049	817265	1/11/2010	MPSB0041-SS-AA-AB-0	S	MANGANESE, TOTAL	73.3	R	Matrix spike recovery >200%
FMP049	817266	1/11/2010	MPSB0041-SS-AD-AE-0	S	MANGANESE, TOTAL	216	R	Matrix spike recovery >200%
FMP049	817267	1/11/2010	MPSB0041-SS-AG-AH-0	S	MANGANESE, TOTAL	26.2	R	Matrix spike recovery >200%
FMP049	817268	1/11/2010	MPSB0041-SS-AT-AU-0	S	MANGANESE, TOTAL	6.6	R	Matrix spike recovery >200%
FMP22878	22885-1	6/19/2014	MPSB0201-SS-AT-AU-0	S	MANGANESE, TOTAL	13.5	R	The serial dilution analysis %D > 100%
SW081	678785	8/14/2006	HCSB0304-SS-AA-AB-0	S	MERCURY, TOTAL	0.081	R	Concentration <5X that of field blank
SW081	678791	8/14/2006	HCSB0304-SS-AA-AB-1	S	MERCURY, TOTAL	0.075	R	Concentration <5X that of field blank
SW081	678787	8/14/2006	HCSB0305-SS-AA-AB-0	S	MERCURY, TOTAL	0.64	R	Concentration <5X that of field blank
SW081	678788	8/14/2006	HCSB0305-SS-AE-AF-0	S	MERCURY, TOTAL	0.21	R	Concentration <5X that of field blank
SW081	678790	8/14/2006	HCSB0306-SS-AE-AF-0	S	MERCURY, TOTAL	0.53	R	Concentration <5X that of field blank
FMP055	818069	1/19/2010	MPSB0054-SS-AA-AB-0	S	MERCURY, TOTAL	0.072	R	Matrix spike recovery >200%
FMP055	818071	1/19/2010	MPSB0054-SS-AT-AU-0	S	MERCURY, TOTAL	0.55	R	Matrix spike recovery >200%
FMP055	818072	1/19/2010	MPSB0055-SS-AA-AB-0	S	MERCURY, TOTAL	0.51	R	Matrix spike recovery >200%
FMP055	818074	1/19/2010	MPSB0055-SS-AL-AM-0	S	MERCURY, TOTAL	0.26	R	Matrix spike recovery >200%
FMP055	818080	1/19/2010	MPSB0055-SS-AL-AM-1	S	MERCURY, TOTAL	0.49	R	Matrix spike recovery >200%
FMP055	818075	1/19/2010	MPSB0055-SS-AT-AU-0	S	MERCURY, TOTAL	0.096	R	Matrix spike recovery >200%
FMP055	818081	1/19/2010	MPSB0055-SS-AT-AU-1	S	MERCURY, TOTAL	0.037	R	Matrix spike recovery >200%
FMP055	818076	1/19/2010	MPSB0056-SS-AA-AB-0	S	MERCURY, TOTAL	0.28	R	Matrix spike recovery >200%
FMP055	818078	1/19/2010	MPSB0056-SS-AJ-AK-0	S	MERCURY, TOTAL	0.87	R	Matrix spike recovery >200%
FMP055	818079	1/19/2010	MPSB0056-SS-AT-AU-0	S	MERCURY, TOTAL	0.097	R	Matrix spike recovery >200%
FMP056	818196	1/20/2010	MPSB0057-SS-AA-AB-0	S	MERCURY, TOTAL	0.099	R	Matrix spike recovery >200%
FMP056	818198	1/20/2010	MPSB0057-SS-AH-AI-0	S	MERCURY, TOTAL	0.21	R	Matrix spike recovery >200%
FMP056	818199	1/20/2010	MPSB0057-SS-AJ-AK-0	S	MERCURY, TOTAL	0.23	R	Matrix spike recovery >200%
FMP056	818200	1/20/2010	MPSB0057-SS-AN-AO-0	S	MERCURY, TOTAL	0.072	R	Matrix spike recovery >200%
FMP056	818206	1/20/2010	MPSB0057-SS-AN-AO-1	S	MERCURY, TOTAL	0.059	R	Matrix spike recovery >200%
FMP056	818201	1/20/2010	MPSB0057-SS-AR-AS-0	S	MERCURY, TOTAL	0.039	R	Matrix spike recovery >200%
FMP056	818202	1/20/2010	MPSB0057-SS-AZ-BA-0	S	MERCURY, TOTAL	0.12	R	Matrix spike recovery >200%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	MERCURY, TOTAL	0.13	R	Matrix spike recovery >200%
FMP056	818204	1/20/2010	MPSB0058-SS-AD-AE-0	S	MERCURY, TOTAL	0.080	R	Matrix spike recovery >200%
FMP056	818205	1/20/2010	MPSB0058-SS-AT-AU-0	S	MERCURY, TOTAL	0.091	R	Matrix spike recovery >200%
FMP13004	13004-1	10/2/2012	MPSB0151-SS-AA-AB-0	S	MERCURY, TOTAL	0.28	R	Matrix spike recovery >200%
FMP13004	13004-2	10/2/2012	MPSB0151-SS-AD-AE-0	S	MERCURY, TOTAL	0.31	R	Matrix spike recovery >200%
FMP13004	13004-9	10/2/2012	MPSB0153-SS-AD-AE-0	S	MERCURY, TOTAL	0.36	R	Matrix spike recovery >200%
FMP13004	13004-10	10/2/2012	MPSB0153-SS-AL-AM-0	S	MERCURY, TOTAL	0.16	R	Matrix spike recovery >200%
FMP13032	13032-6	10/3/2012	MPSB0155-SS-AD-AE-0	S	MERCURY, TOTAL	0.15	R	Matrix spike recovery >200%
FMP2615	2615-25	11/19/2010	RSSB0195-SS-AA-AB-1	S	MERCURY, TOTAL	0.28	R	Incomparable filed duplicate results
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	METHOXYCHLOR	27	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	METHOXYCHLOR	21	R	Surrogate recoveries <10%
FMP056	818203	1/20/2010	MPSB0058-SS-AA-AB-0	S	METHOXYCHLOR	34.0	R	The %D between the positive results on both columns> 100%
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	METHYL ACETATE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	METHYLCYCLOHEXANE	6.9	R	Extremely low Internal standard response

Appendix E
Table 1
Former Manufacturing Plant
Rejected Soil Results Summary

DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	METHYLCYCLOHEXANE	5.4	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	METHYLCYCLOHEXANE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	METHYL-TERT-BUTYL-ETHER (MTBE)	5.6	R	Holding time > 14 days
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	O-XYLENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	O-XYLENE	5.4	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	O-XYLENE	5.6	R	Holding time > 14 days
FMP11508	11508-1	6/27/2012	MPSB0098-SS-BE-BG-0	S	PENTACHLOROPHENOL	84	R	Average response factor <0.05
FMP11508	11508-2	6/27/2012	MPSB0098-SS-BX-BY-0	S	PENTACHLOROPHENOL	8.2	R	Average response factor <0.05
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	STYRENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	STYRENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	STYRENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	STYRENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	STYRENE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	TETRACHLOROETHENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	TETRACHLOROETHENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	TETRACHLOROETHENE	5.4	R	Extremely low Internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TETRACHLOROETHENE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	TOLUENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	TOLUENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	TOLUENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	TOLUENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TOLUENE	5.6	R	Holding time > 14 days
FMP030	814795	12/1/2009	MPSB0011-SS-AA-AB-0	S	TOTAL ORGANIC CARBON	12000	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814796	12/1/2009	MPSB0011-SS-AD-AE-0	S	TOTAL ORGANIC CARBON	13900	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814797	12/1/2009	MPSB0011-SS-AS-AT-0	S	TOTAL ORGANIC CARBON	6010	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814798	12/1/2009	MPSB0011-SS-AU-AV-0	S	TOTAL ORGANIC CARBON	2320	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814805	12/1/2009	MPSB0011-SS-AU-AV-1	S	TOTAL ORGANIC CARBON	2410	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814800	12/1/2009	MPSB0012-SS-AA-AB-0	S	TOTAL ORGANIC CARBON	19400	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP030	814802	12/1/2009	MPSB0012-SS-AO-AP-0	S	TOTAL ORGANIC CARBON	1270	R	Incomparable lab duplicate results; difference > 4x reporting limit
FMP049	817262	1/11/2010	MPSB0040-SS-AD-AE-0	S	TOTAL ORGANIC CARBON	2750	R	Lab blank contamination
FMP049	817268	1/11/2010	MPSB0041-SS-AT-AU-0	S	TOTAL ORGANIC CARBON	1210	R	Lab blank contamination
A801	645206	6/22/05	HCSB0132-SS-AA-AB-0	S	TOXAPHENE	270	R	Surrogate recoveries <10%
W010	HF997	7/25/05	HCSB0172-SS-AE-AF-0	S	TOXAPHENE	210	R	Surrogate recoveries <10%
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TRANS-1,2-DICHLOROETHENE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	TRANS-1,3-DICHLOROPROPENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	TRANS-1,3-DICHLOROPROPENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	TRANS-1,3-DICHLOROPROPENE	5.4	R	Extremely low Internal standard response
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	TRANS-1,3-DICHLOROPROPENE	5.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TRANS-1,3-DICHLOROPROPENE	5.6	R	Holding time > 14 days
FMP062	819382	2/2/2010	MPSB0013-SS-DM-DN-0	S	TRICHLOROETHENE	6.9	R	Extremely low Internal standard response
FMP049	817264	1/11/2010	MPSB0040-SS-AP-AQ-0	S	TRICHLOROETHENE	9.3	R	Extremely low Internal standard response
FMP068	822250	3/9/2010	MPSB0073-SS-DJ-DK-0	S	TRICHLOROETHENE	5.4	R	Extremely low Internal standard response

Appendix E
Table 1
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DELIVERY GROUP	LAB ID	COLLECTED DATE	FIELD SAMPLE ID	COC MATRIX	CAPTION	RESULT	FLAG	REASON FOR REJECTION
FMP29863	29863-3	9/21/2015	MPSB0207-SS-AI-AM-0	S	TRICHLOROETHENE	1.3	R	Low internal standard response
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TRICHLOROETHENE	5.6	R	Holding time > 14 days
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	TRICHLOROFLUOROMETHANE	5.6	R	Holding time > 14 days
FMP2590	2590-32	11/17/2010	RSSB0157-SS-AD-AE-1	S	VANADIUM, TOTAL	6	R	Lab duplicate relative percent difference >100%
FMP2590	2590-19	11/17/2010	RSSB0164-SS-AA-AB-0	S	VANADIUM, TOTAL	16.4	R	Lab duplicate relative percent difference >100%
FMP2590	2590-33	11/17/2010	RSSB0164-SS-AA-AB-1	S	VANADIUM, TOTAL	17.8	R	Lab duplicate relative percent difference >100%
FMP2590	2590-20	11/17/2010	RSSB0164-SS-AD-AE-0	S	VANADIUM, TOTAL	6.2	R	Lab duplicate relative percent difference >100%
FMP2590	2590-21	11/17/2010	RSSB0165-SS-AA-AB-0	S	VANADIUM, TOTAL	14.6	R	Lab duplicate relative percent difference >100%
FMP2590	2590-22	11/17/2010	RSSB0165-SS-AD-AE-0	S	VANADIUM, TOTAL	0.7	R	Lab duplicate relative percent difference >100%
FMP2590	2590-23	11/17/2010	RSSB0166-SS-AA-AB-0	S	VANADIUM, TOTAL	11.8	R	Lab duplicate relative percent difference >100%
FMP2590	2590-24	11/17/2010	RSSB0166-SS-AD-AE-0	S	VANADIUM, TOTAL	1.2	R	Lab duplicate relative percent difference >100%
FMP2590	2590-25	11/17/2010	RSSB0167-SS-AA-AB-0	S	VANADIUM, TOTAL	16.7	R	Lab duplicate relative percent difference >100%
FMP2590	2590-26	11/17/2010	RSSB0167-SS-AD-AE-0	S	VANADIUM, TOTAL	1.3	R	Lab duplicate relative percent difference >100%
FMP2590	2590-27	11/17/2010	RSSB0168-SS-AA-AB-0	S	VANADIUM, TOTAL	17.6	R	Lab duplicate relative percent difference >100%
FMP2590	2590-28	11/17/2010	RSSB0168-SS-AD-AE-0	S	VANADIUM, TOTAL	1.1	R	Lab duplicate relative percent difference >100%
FMP2590	2590-29	11/17/2010	RSSB0169-SS-AA-AB-0	S	VANADIUM, TOTAL	5.1	R	Lab duplicate relative percent difference >100%
FMP2590	2590-30	11/17/2010	RSSB0169-SS-AD-AE-0	S	VANADIUM, TOTAL	5.8	R	Lab duplicate relative percent difference >100%
FMP2590	2590-31	11/17/2010	RSSB0169-SS-AF-AG-0	S	VANADIUM, TOTAL	0.58	R	Lab duplicate relative percent difference >100%
FMP31196	3119611	12/15/2015	MPSB0283-SS-AU-AV-0	S	VINYL CHLORIDE	5.6	R	Holding time > 14 days
FMP2599	2599-21	11/18/2010	RSSB0179-SS-AA-AB-0	S	ZINC, TOTAL	71.9	R	Matrix spike recovery <10%
FMP2599	2599-22	11/18/2010	RSSB0179-SS-AD-AE-0	S	ZINC, TOTAL	161	R	Matrix spike recovery <10%
FMP2599	2599-23	11/18/2010	RSSB0179-SS-AF-AG-0	S	ZINC, TOTAL	65.7	R	Matrix spike recovery <10%
FMP2599	2599-24	11/18/2010	RSSB0180-SS-AA-AB-0	S	ZINC, TOTAL	29.1	R	Matrix spike recovery <10%
FMP2599	2599-25	11/18/2010	RSSB0180-SS-AD-AE-0	S	ZINC, TOTAL	16.7	R	Matrix spike recovery <10%
FMP2599	2599-26	11/18/2010	RSSB0181-SS-AA-AB-0	S	ZINC, TOTAL	19.6	R	Matrix spike recovery <10%
FMP2599	2599-27	11/18/2010	RSSB0181-SS-AD-AE-0	S	ZINC, TOTAL	66.9	R	Matrix spike recovery <10%
FMP2599	2599-28	11/18/2010	RSSB0182-SS-AA-AB-0	S	ZINC, TOTAL	19.6	R	Matrix spike recovery <10%
FMP2599	2599-29	11/18/2010	RSSB0182-SS-AD-AE-0	S	ZINC, TOTAL	32.4	R	Matrix spike recovery <10%
FMP2599	2599-30	11/18/2010	RSSB0183-SS-AA-AB-0	S	ZINC, TOTAL	24.1	R	Matrix spike recovery <10%
FMP2599	2599-31	11/18/2010	RSSB0183-SS-AD-AE-0	S	ZINC, TOTAL	117	R	Matrix spike recovery <10%
FMP2599	2599-32	11/18/2010	RSSB0184-SS-AA-AB-0	S	ZINC, TOTAL	63.7	R	Matrix spike recovery <10%
FMP2599	2599-33	11/18/2010	RSSB0184-SS-AD-AE-0	S	ZINC, TOTAL	41.1	R	Matrix spike recovery <10%
FMP2599	2599-34	11/18/2010	RSSB0185-SS-AA-AB-0	S	ZINC, TOTAL	147	R	Matrix spike recovery <10%
FMP2599	2599-35	11/18/2010	RSSB0185-SS-AD-AE-0	S	ZINC, TOTAL	20.8	R	Matrix spike recovery <10%
FMP2599	2599-36	11/18/2010	RSSB0186-SS-AA-AB-0	S	ZINC, TOTAL	54	R	Matrix spike recovery <10%
FMP2599	2599-37	11/18/2010	RSSB0186-SS-AD-AE-0	S	ZINC, TOTAL	17.4	R	Matrix spike recovery <10%
FMP2615	2615-24	11/19/2010	RSSB0191-SS-AD-AE-1	S	ZINC, TOTAL	21.5	R	Incomparable filed duplicate results

Appendix E
Table 2
Former Manufacturing Plant
Summary of Rejection Rate by Analyte

Compound	Soil		
	No. of Samples Rejected	Total No. of Samples	Rejection Rate (%)
Volatile Organics (VOC)			
1,1,1-TRICHLOROETHANE	5	748	0.7
1,1,2,2-TETRACHLOROETHANE	9	748	1.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1	744	0.1
1,1,2-TRICHLOROETHANE	5	748	0.7
1,1-DICHLOROETHANE	1	748	0.1
1,1-DICHLOROETHENE	1	748	0.1
1,2,3-TRICHLOROBENZENE	28	675	4.1
1,2,4-TRICHLOROBENZENE	28	748	3.7
1,2-DIBROMO-3-CHLOROPROPANE	27	744	3.6
1,2-DIBROMOETHANE	5	744	0.7
1,2-DICHLOROBENZENE	27	748	3.6
1,2-DICHLOROETHANE	1	748	0.1
1,2-DICHLOROPROPANE	5	748	0.7
1,3-DICHLOROBENZENE	28	748	3.7
1,4-DICHLOROBENZENE	27	748	3.6
1,4-DIOXANE (P-DIOXANE)	578	675	86
2-BUTANONE	5	748	0.7
2-HEXANONE	4	748	0.5
4-METHYL-2-PENTANONE	4	748	0.5
ACETONE	2	748	0.3
BENZENE	5	748	0.7
BROMOCHLOROMETHANE	1	675	0.1
BROMODICHLOROMETHANE	4	748	0.5
BROMOFORM	27	748	3.6
BROMOMETHANE	4	748	0.5
CARBON DISULFIDE	1	748	0.1
CARBON TETRACHLORIDE	5	748	0.7
CHLOROBENZENE	5	748	0.7
CHLOROETHANE	1	748	0.1
CHLOROFORM	1	748	0.1
CHLOROMETHANE	1	748	0.1
CIS-1,2-DICHLOROETHENE	1	748	0.1
CIS-1,3-DICHLOROPROPENE	5	748	0.7
CYCLOHEXANE	5	744	0.7
DIBROMOCHLOROMETHANE	5	748	0.7
DICHLORODIFLUOROMETHANE	1	675	0.1
DICHLOROMETHANE	1	748	0.1
ETHYLBENZENE	4	748	0.5
ISOPROPYLBENZENE	8	744	1.1
METHYL ACETATE	1	744	0.1
METHYLCYCLOHEXANE	3	744	0.4
METHYL-TERT-BUTYL-ETHER (MTBE)	1	744	0.1
M,P-XYLENE	3	675	0.4
O-XYLENE	3	675	0.4
STYRENE	5	748	0.7
TETRACHLOROETHENE	4	748	0.5
TOLUENE	5	748	0.7
TRANS-1,2-DICHLOROETHENE	1	748	0.1
TRANS-1,3-DICHLOROPROPENE	5	748	0.7
TRICHLOROETHENE	5	748	0.7
TRICHLOROFLUOROMETHANE	1	744	0.1
VINYL CHLORIDE	1	748	0.1
XYLENES (TOTAL)	0	73	0.0
Semi-Volatile Organics (SVOC)			
1,1'-BIPHENYL	0	967	0.0
1,2,4,5-TRICHLOROBENZENE	1	957	0.1
2,2'-OXYBIS(1-CHLOROPROPANE)	0		#DIV/0!
2,3,4,6-TETRACHLOROPHENOL	0		#DIV/0!
2,4,5-TRICHLOROPHENOL	1	1067	0.1
2,4,6-TRICHLOROPHENOL	1	1067	0.1
2,4-DICHLOROPHENOL	1	1067	0.1
2,4-DIMETHYLPHENOL	0	1067	0.0
2,4-DINITROPHENOL	5	1067	0.5
2,4-DINITROTOLUENE	0	1067	0.0
2,6-DINITROTOLUENE	0	1067	0.0
2-CHLORONAPHTHALENE	0	1067	0.0
2-CHLOROPHENOL	0	1067	0.0
2-METHYLNAPHTHALENE	0	1067	0.0
2-METHYLPHENOL	0	1067	0.0
2-NITROANILINE	1	1067	0.1
2-NITROPHENOL	0	1067	0.0
3,3'-DICHLOROBENZIDINE	30	1067	2.8
3-NITROANILINE	1	1067	0.1
4,6-DINITRO-2-METHYLPHENOL	2	1067	0.2
4-BROMOPHENYL PHENYL ETHER	0	1067	0.0
4-CHLORO-3-METHYLPHENOL	1	1067	0.1
4-CHLOROANILINE	27	1067	2.5
4-CHLOROPHENYL-PHENYL ETHER	0	1067	0.0
4-METHYLPHENOL	0	1067	0.0
4-NITROANILINE	2	1067	0.2
4-NITROPHENOL	1	1067	0.1
ACENAPHTHENE	0	1133	0.0
ACENAPHTHYLENE	0	1133	0.0
ACETOPHENONE	0	1063	0.0
ANTHRACENE	0	1133	0.0
ATRAZINE	0	1063	0.0
BENZALDEHYDE	0	1063	0.0
BENZO(A)ANTHRACENE	0	1133	0.0
BENZO(A)PYRENE	1	1133	0.1
BENZO(B)FLUORANTHENE	4	1133	0.4
BENZO(G,H,I)PERYLENE	7	1133	0.6
BENZO(K)FLUORANTHENE	4	1133	0.4

Appendix E
Table 2
Former Manufacturing Plant
Summary of Rejection Rate by Analyte

	Soil		
Compound	No. of Samples Rejected	Total No. of Samples	Rejection Rate (%)
BIS(2-CHLOROETHOXY) METHANE	0	1067	0.0
BIS(2-CHLOROETHYL)ETHER	0	1067	0.0
BIS(2-ETHYLHEXYL) PHTHALATE	1	1067	0.1
BUTYL BENZYL PHTHALATE	2	1067	0.2
CAPROLACTAM	0	1063	0.0
CARBAZOLE	0	1067	0.0
CHRYSENE	0	1133	0.0
DIBENZO(A,H)ANTHRACENE	1	1133	0.1
DIBENZOFURAN	0	1067	0.0
DIETHYLPHTHALATE	0	1067	0.0
DIMETHYLPHTHALATE	0	1067	0.0
DI-N-BUTYLPHTHALATE	0	1067	0.0
DI-N-OCTYLPHTHALATE	22	1067	2.1
FLUORANTHENE	0	1133	0.0
FLUORENE	0	1133	0.0
HEXACHLOROBENZENE	0	1067	0.0
HEXACHLOROBUTADIENE	1	1067	0.1
HEXACHLOROCYCLOPENTADIENE	28	1067	2.6
HEXACHLOROETHANE	0	1067	0.0
INDENO(1,2,3-CD)PYRENE	7	1133	0.6
ISOPHORONE	0	1067	0.0
NAPHTHALENE	0	1133	0.0
NITROBENZENE	0	1067	0.0
N-NITROSODI-N-PROPYLAMINE	0	1067	0.0
N-NITROSODIPHENYLAMINE	0	1067	0.0
PENTACHLOROPHENOL	2	1098	0.2

Appendix E
Table 2
Former Manufacturing Plant
Summary of Rejection Rate by Analyte

Compound	Soil		
	No. of Samples Rejected	Total No. of Samples	Rejection Rate (%)
PHENANTHRENE	0	1037	0.0
PHENOL	0	971	0.0
PYRENE	0	1037	0.0
Pesticide/PCB			
4,4'-DDD	12	351	3.4
4,4'-DDE	6	351	1.7
4,4'-DDT	30	351	8.5
ALDRIN	4	351	1.1
ALPHA-BHC	3	351	0.9
ALPHA-CHLORDANE	6	351	1.7
AROCLOR-1016	2	614	0.3
AROCLOR-1221	2	614	0.3
AROCLOR-1232	2	614	0.3
AROCLOR-1242	3	614	0.5
AROCLOR-1248	2	614	0.3
AROCLOR-1254	7	614	1.1
AROCLOR-1260	2	614	0.3
AROCLOR-1262	0	393	0.0
AROCLOR-1268	0	393	0.0
BETA-BHC	19	351	5.4
CHLORDANE	0	4	0.0
DELTA-BHC	5	351	1.4
DIELDRIN	14	351	4.0
ENDOSULFAN I	3	351	0.9
ENDOSULFAN II	6	351	1.7
ENDOSULFAN SULFATE	10	351	2.8
ENDRIN	10	351	2.8
ENDRIN ALDEHYDE	12	351	3.4
ENDRIN KETONE	11	351	3.1
GAMMA-BHC (LINDANE)	4	351	1.1
GAMMA-CHLORDANE	8	351	2.3
HEPTACHLOR	3	351	0.9
HEPTACHLOR EPOXIDE	13	351	3.7
METHOXYCHLOR	3	351	0.9
TOXAPHENE	2	351	0.6
Metals			
ALUMINUM, TOTAL	0	1032	0.0
ANTIMONY, TOTAL	0	1032	0.0
ARSENIC, TOTAL	17	1134	1.5
BARIUM, TOTAL	27	1134	2.4
BERYLLIUM, TOTAL	0	1086	0.0
CADMIUM, TOTAL	13	1134	1.1
CALCIUM, TOTAL	6	1134	0.5
CHROMIUM, TOTAL	17	1134	1.5
COBALT, TOTAL	0	1134	0.0
COPPER, TOTAL	24	1134	2.1
IRON, TOTAL	0	1134	0.0
LEAD, TOTAL	32	1134	2.8
MAGNESIUM, TOTAL	0	1134	0.0
MANGANESE, TOTAL	21	1134	1.9
MERCURY, TOTAL	31	1134	2.7
NICKEL, TOTAL	0	1134	0.0
POTASSIUM, TOTAL	0	1134	0.0
SELENIUM, TOTAL	0	1134	0.0
SILVER, TOTAL	0	1134	0.0
SODIUM, TOTAL	0	1134	0.0
THALLIUM, TOTAL	0	1134	0.0
VANADIUM, TOTAL	15	1134	1.3
ZINC, TOTAL	18	1134	1.6
CYANIDE, TOTAL	5	1038	0.5
Others			
TOTAL ORAGNIC CARBON	9	499	1.8

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Gibsboro Paint & Color Works.

John Lucas & Co.

Gibsboro, Camden Co. N.J.

Surveyed & Drawn by
E. HEXAMER, Insurance Surveyor,
401 Walnut St. Philadelphia.

White Lead, Sugar of Lead, Zink, Paints & Colors manufactured. — Works partly new, partly built in 1857. — Water Supply from a large Reservoir (see Plan). — Cornices of Frame. — No Lightning Rod. — Scuttles & Stairs to the Roof. — Moveable Ladders on hand reaching to the 3d story. — Motive Power: Water & Steam. — Drying Rooms in No. 3 heated by Brick Furnace (a). — Floor of said Drying Rooms of Wood, Ceilings not plastered. — Drying Room of No. 10 heated by Steamboiler in Basement. — Buildings adjoining & communicating by Wooden Doors. — About 40 hands employed at the Works. — Boiler Chimneys of Brick, plastered inside. — Steamboiler located as per Diagram, enclosed by Brickwalls in proper distance from Wood Works. — Fuel: Coal. — Rooms warmed by the natural heat of Steamboilers & Furnaces, well secured. — One Store in Office. — Premises lighted by Coal Oil Lamps. — Only a few Gallons of Coal Oil & Benzine in tin cans, in White Lead Grinding Room (No. 1) on plan. — Wood Sharings made in Carpenter Shop No. 4. & Cooper Shop No. 1 & burnt under Steamboiler. — No new barrels manufactured on the Premises. — 2 Henderson Piston Forcing Pumps in basement of No. 1. propelled by Water Wheel & driven by Belts, one expressly for putting out Fire, the other for supplying Steamboilers & Tanks with Water. — 3½ inch Cast Iron Standpipe at (a) in No. 1 from Basement to the roof with 2½ inch Corks on every floor & 50 feet Rubber Hose kept for attachment in 1st story of No. 1. — Small Hand Engine with 10 feet 1½ inch Rubber Hose kept at (b) — Large Watertank outside of No. 1 at (c) containing about 9000 Gallons of Water. — Small Watertanks outside of 3d & 4th Floor of No. 2. — About 3 Firebuckets kept on every floor of No. 1. — One Night & Sunday Watchman constantly at the Premises. — Will have a Watchclock. — Superintendent living near the Works. — No Corroding done at the Premises. — Varnish Boiling Room detached from the Main Works (see Diagram). —

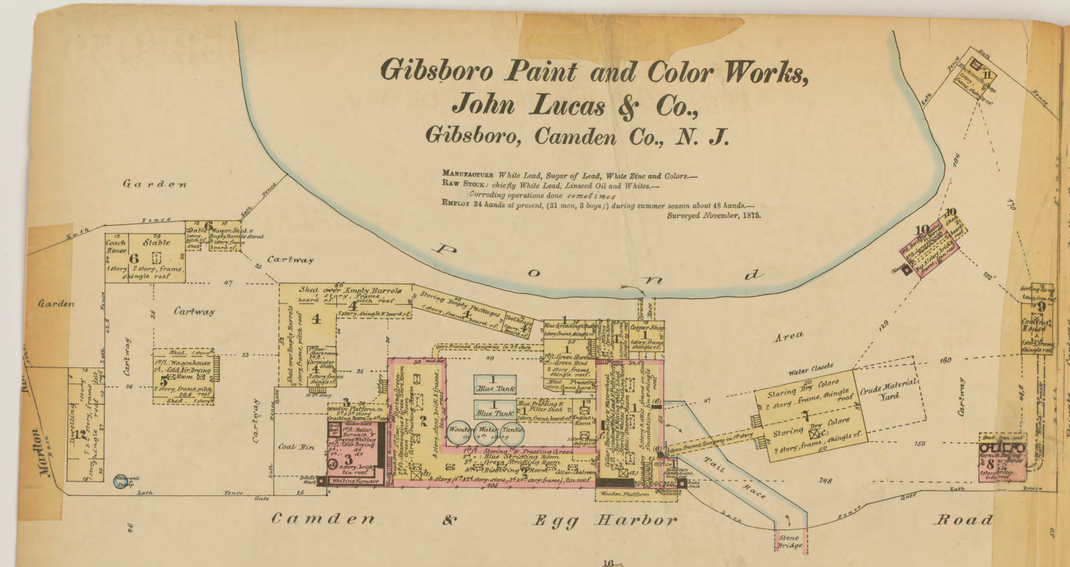
Scale 30 Feet to one Inch.

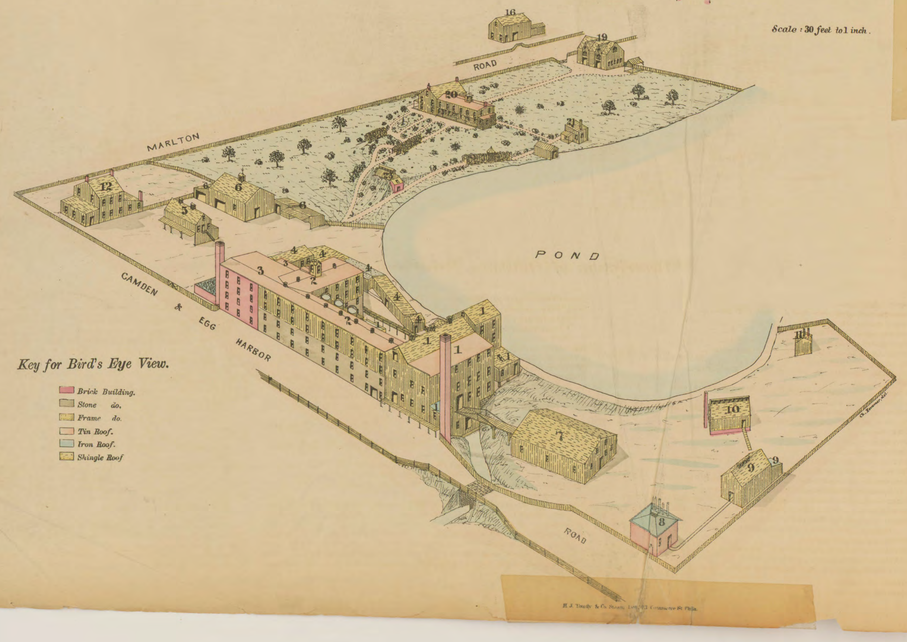
- Brick Building.
- Framed Structure.
- Stone & Framed Building.
- Steam Boiler.
- Smoke Stack.
- Furnace.
- Elevator.
- Ventilator.
- Stairway.

371.

Gibsboro Paint and Color Works,
John Lucas & Co.,
Gibsboro, Camden Co., N. J.

MANUFACTURE White Lead, Sugar of Lead, White Zinc and Colors.—
RAW STOCK: chiefly White Lead, Linseed Oil and Whites.—
Corroding operations done entirely by
EMPLOY 34 hands at present, (31 men, 3 boys;) during summer season about 48 hands.—
Surveyed November, 1815.





Key for Bird's Eye View.

- Brick Building.
- Stone do.
- Frame do.
- Tin Roof.
- Iron Roof.
- Shingle Roof

Plan of Gibsboro, Camden Co., N. J.

Key for Ground Plan of Gibsboro Paint & Color Works.

- Wall with Windows or Openings.
- Partition Wall.
- Stone or Brick Building.
- Stone and Frame Building.
- Framed Structure.
- Adjacent Building.
- Steamboiler.
- Furnace and Heater.
- Smoke Stack.
- Elevator.
- Ventilator.
- Skylight.
- Stairway.
- Forcing Pump.
- Standpipe.

Description of Gibsboro Paint and Color Works.

OWNER: John Lucas.—
SUPERINTENDED by the owner and A. J. and T. T. Lucas.—
NAME: Gibsboro Paint and Color Works.—
LOCATION: situated at Gibsboro, Camden Co., N. J.—
AGE: Buildings erected 1857, 1859, 1868 and 1869.—
POWER: Machinery propelled by steam and water-power.—
HEIGHT: No. 1, 8'—13'—9'—7'.—No. 2, 9'—9'—8'—9'.—No. 3, 9'—9'—8'—9'.—No. 4, 9'—8.—No. 5, 10'—8.—No. 7, 7'—7'.—No. 8, 9' and 14'.—
LENGTH: see plan.—
WALLS: No. 1 foundation walls, 24" stone; No 2, 24" in 1st floor, 9" and 18" in 2d floor.—No. 3, 9"—9"—9"—9".—No. 8, 9".—
CEILINGS in office No. 1, boarded; ceiling in engine room No. 1 and blue grinding room No. 1, plastered; other ceilings not finished.—
ROOF: see plan.—
GUTTERS chiefly of metal.—
CORNICE wood-boxed.—
SCUTTLE in the roof and stairs to it; 3 trapdoors in roof of No. 1.—
TOWER: wooden cupola on roof of No. 2.—
LADDERS: no permanent ladders attached to the buildings; 3 to 4 wooden movable ladders kept on the premises reaching to the 3d and 4th story.—
PORCH none.—Open framed pangways and platform as shown on plan and view.—
LIGHTENING ROD on stable, barn and mansion.—No lightning rod on factory.—
FLOORS in 1st story of No. 2 and in No. 8 of brick.—Ground floors 2" wooden planks.—Upper floors 1" yellow pine flooring boards, not arranged for flooding.—
WINDOWS as per plan and view.—
STAIRWAYS of wood, located as per plan, not cased.—
ELEVATOR: open elevators (a and b) in Not. 1 and 2 communicating with every story.—Open elevator (c) in No. 7, operated by hand-power.—
HATCHWAY: none.—
MACHINE SHOP: none.—
FORGE: brick forge in blacksmith shop No. 11 built on ground floor.—
WOOD SHAVINGS made in carpenter shop No. 4 and cooper shop No. 1, cleaned out daily and burnt under steamboilers and stoves.—No new packages made.—1 carpenter and 1 cooper employed.—1 circular saw in cooper shop.—Glue heated at varnish house No. 8.—
HEATING: rooms warmed by stoves and 6" cast iron steampipes resting on iron.—
STOVES: one sheet iron in office and one cast iron in 1st floor of No 1, well secured.—
STOVEPIPES sound and in good order.—
LIGHTING: rooms lighted by gas.—Gas manufactured of gasoline, in brick gashouse 70' north of No. 6.—Victor gasoline machine pat. August 13, 1872, in gas house.—Gasoline reservoir in the gashouse, holding 4 to 6 barrels and filled about every year.—
WATCHMAN: night watchman constantly on the premises.—Watchman not allowed inside the works.—
WATCHCLOCK: stationary watchclock (Crabe maker) on platform outside of No. 1 as shown on plan.—
HOURS OF WORK: daytime, 10 hours a day.—Working 12 and 13 hours a day in summer time.—
BOILERS located as per plan, enclosed by brickwalls, in proper distance of woodworks.—
SMOKE STACKS of brick, plastered inside, rising 10 feet above the roof of No. 1.—
STEAM ENGINES: two, 38 and 12 horsepower.—Waterwheel 35 horsepower.—
FUEL: Anthracite coal.—
FURNACES AND HEATERS in No. 3 and 8 of brick, with iron doors, built on brick floor, well constructed.—1 iron drying pan in 2d story of No. 1 for drying zinc, heated by steam.—
OILS: Paraffine whale oil used on machinery; 1 barrel kept at a time in tin tank in engine room.—1 barrel of benzine kept at a time in No. 8.—Keep from 60 to 70 barrels of varnish in tin tanks in Nos. 9 and 10.—Varnish boiled in No. 8 and cooled in iron tanks in Nos. 9 and 10 detached from the works.—20 to 25 barrels of turpentine stored in basement of No. 10.—Linseed oil, about 1200 gallons in tanks in building No. 1, and from 800 to 1000 gallons kept in iron upright boiler in No. 3.—
ACIDS: from 20 to 30 carboys of acids (muriatic, nitric and sulphuric) kept at a time in the yard.—Acids kept only in summer season.—
DRYING: color drying rooms in No. 5 with wooden floors and ceilings not finished, heated by brick heater in 1st floor and by steampipes resting on iron.—Colors dryed by atmospheric air in 3d story of No. 5.—Iron upright boiler (d) in No. 2 for purifying linseed oil.—
OCCUPANCY as per plan.—
PROVISIONS FOR EXTINGUISHING FIRE:
PUMPS: 2 Henderson's piston forcing pumps (e and f) in cellar of No 1 not expressly for extinguishing fire.—No hose connection on said pumps.—Forcing pump supplied by 4" supply-pipe from the fore-bay and driven by belts and 8 or 9 in water and steampower.—
WATERPIPES: 2½" cast iron standpipe (g) in No. 1 with one 2½" hose connection in every story.—Standpipe supplied by forcing pump (e).—Small hand fire engine kept in the yard.—
HOSE: 30 feet 2½" india rubber hose kept in 1st story of No. 1, always attached to standpipe (e).—30 feet 1½" india rubber hose attached to hand fire engine in the yard.—
FIREBUCKETS: 24 galvanized iron firebuckets distributed over the premises always filled.—
WATERTANKS: 3 large watertanks outside of No. 2 in 4th story, containing about 500 barrels each; 3 other wooden watertanks from 7 to 800 gallons each and 4 smaller tanks.—
FIRE COMPANY: nearest one in Haddonfield, about 5 miles.—Hand fire engine company.—
TELEGRAPH WIRES in office No. 1 connected with Philadelphia.—
CARE IN MANAGEMENT good.—
GENERAL CONDITION OF THE PROPERTY good.—
EXTERNAL EXPOSURES as per plan.—

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Gibsboro Paint and Color Works, John Lucas & Co.,

Gibsboro, Camden Co., N. J.

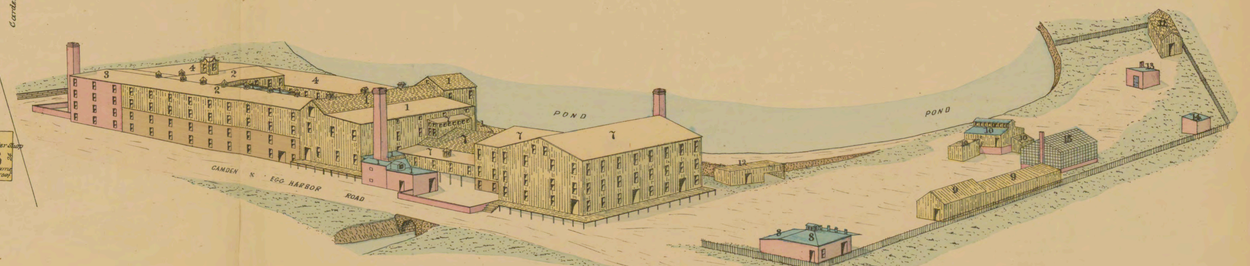
MANUFACTURE:—*White Lead, Sugar of Lead, White Zinc and Colors.*
RAW STOCK:—*Chiefly White Lead, Linseed Oils and Whites.*
EMPLOYING:—*18 men, 10 boys, 14 girls.*

Surveyed June 7, 1883,
E. Hexamer,
325 Walnut Street, Philadelphia, Pa.

OWNER:—*John Lucas.*
SUPERINTENDED:—*By the owner and A. J. and J. T. Lucas.*
NAME:—*Gibsboro Paint and Color Works.*
LOCATION:—*Situated at Gibsboro, Camden Co., N. J.*
AGE:—*Buildings erected 1857, 1859, 1868 and 1869 and 1882...*
POWER:—*Machinery propelled by steam and water power.*
HEIGHT:—*No. 1, 8'—12'—9'—7'.—No. 2, 9'—9'—8'—9'.—No. 3, 9'—9'—8'—9'.—No. 4, 10'—10'.—No. 7, 10'—10'—10'.—No. 8, 9' and 14'.*
LENGTH:—*See plan.*
WALLS:—*No. 1, foundation walls, 24" stone.—No. 2, 24" in 1st floor, 9" and 18" in 2d floor.—No. 3, 9"—9"—9"—9".—No. 8, 9".*
CEILINGS:—*Of office, No. 1, boarded; ceiling in engine room, No. 1, and blue grinding room, No. 1, plastered; other ceilings not finished.*
ROOF:—*See plan.*
GUTTERS:—*Chiefly of metal.*
CORNICE:—*Wood boxed.*
SCUTTLE:—*In the roof and stairs to it; 3 trap doors in roof of No. 1.*
TOWER:—*Wooden cupola on roof of No. 3.*
LADDERS:—*No permanent ladders attached to the buildings; 3 to 4 wooden movable ladders kept on the premises reaching to the 3d and 4th story.*
LIGHTNING ROD:—*On stable, barn and mansion.—No lightning rod on factory.*
PORCH:—*None.—Proposed gangway from 3d floor of No. 1 to 3d floor of No. 7.*
FLOORS:—*In 1st story of No. 3 and in No. 8, of brick.—Ground floors, 2" wooden planks.—Upper floors 1" yellow pine flooring boards, not arranged for flooding.*
WINDOWS:—*As per plan and view.*
STAIRWAYS:—*Of wood, located as per plan, not cased.*
ELEVATORS:—*Open elevators (a and b) in Nos. 1 and 2, and (h) in No. 4, communicating with every story.—Open elevator (c) in No. 7, operated by hand power, and open elevator (i) in No. 7, with self-closing trap doors.*

HATCHWAY:—*None.*
MACHINE SHOP:—*None.*
FORGE:—*Brick forge in blacksmith shop, No. 11, built on ground floor.*
WOOD SHAVINGS:—*Made in carpenter shop, and in cooper shop No. 1, cleaned out daily and burnt under steam boilers.—No new packages made.—1 carpenter and 1 cooper employed.—1 circular saw in cooper shop.—Office heated at varnish house No. 8.*
HEATING:—*Rooms warmed by 6" cast iron and 1¼" wrought iron steampipes resting on iron stoves.—None.*
LIGHTING:—*Rooms lighted by gas.—Gas manufactured of gasoline, in brick gas house, 106 feet North of No. 4.—Victor gasoline machine, pat. August 13, 1872, in gas house.—Gasoline reservoir in the gas house, holding 4 to 6 barrels.*
WATCHMAN:—*Night watchman constantly on the premises.*
WATCHCLOCK:—*Stationary watchclock (Crisle, maker) on platform outside of No. 1, as shown on plan.—Will have a portable clock, with keys distributed about the Works.*
HOURS OF WORK:—*Daytime, 10 hours a day.—Working 12 and 13 hours a day in summer time.*
BOILERS:—*Located as per plan, enclosed by brick walls, in proper distance of wood works*
SMOKE STACKS:—*Of brick, plastered inside, rising 10 feet above the roof of No. 1.*
STEAM ENGINES:—*Two, 100 and 12 horsepower.—Water wheel 35 horsepower.*
FUEL:—*Anthracite coal.*
FURNACES AND HEATERS:—*In Nos. 3 and 8, of brick with iron doors, built on brick floor, well constructed.—1 iron drying pan in 2d story of No. 1, for drying zinc, heated by steam.*
OILS:—*Paraffine and whale oil used on machinery; 1 barrel kept at a time in tin tank in engine room.—1 barrel of benzine kept at a time in No. 8.—Keep from 60 to 70 barrels of varnish in tin tanks in Nos. 9 and 10.—Varnish boiled in No. 8 and cooled in iron tanks in Nos. 9 and 10, detached from Works.—20 to 25 barrels of turpentine stored in basement of No. 10.—Linseed oil, about 1,200 gallons in tanks in building No. 1, and from 800 to 1,000 gallons kept in iron upright boiler in No. 3.*

ACIDS:—*From 20 to 30 carboys of acids (muriatic, nitric and sulphuric) kept at a time in the yard.—Acids kept only in summer season.*
DRYING:—*Color drying rooms in No. 3, with wooden floors and ceilings not finished, heated by brick heater in 1st floor and by steampipes resting on iron.—Iron upright boiler (d) in No. 3, for purifying linseed oil.*
OILY RAGS:—*Carefully gathered up and burnt, or soaked and dried in the open air.*
OCCUPANCY:—*As per plan.*
PROVISIONS FOR EXTINGUISHING FIRE:—
PUMPS:—*3 Henderson's piston forcing pumps (e and f) in cellar of No. 1, not expressly for extinguishing fire; no hose connection on said pumps.—Forcing pump supplied by 4" suppply pipe from the fore-bay and driven by belts and both water and steam-power.—Worthington steam piston force pump (k) in No. 1, with one 2½" hose connection, supply from pond.*
WATERPIPES:—*3½" cast iron standpipe (g) in No. 1, with one 2½" hose connection in every story.—Standpipe supplied by forcing pumps (e and k).—Small hand fire engine kept in the yard.—2½" hydrant (i) in 4th floor of No. 2, and one at (m) outside of No. 3, all supplied directly by pumps.*
HOSE:—*285 feet 2½" india rubber hose kept in No. 1, ready to be attached to standpipe (g) and hydrants (i and m).—30 feet 1½" india rubber hose attached to hand fire engine in the yard.*
FIRE BUCKETS:—*30 galvanized iron fire buckets distributed over the premises, always filled.*
WATERTANKS:—*3 large watertanks outside of No. 2 in 4th story, containing about 500 barrels each; 3 other wooden watertanks from 7 to 800 gallons each and 4 smaller tanks.*
FIRE COMPANY:—*Nearest one in Haddonfield, about 5 miles; hand fire engine company.*
TELEPHONE WIRES:—*In office No. 1, connected with Philadelphia and Kirkwood station.*
CARE IN MANAGEMENT:—*Good.*
GENERAL CONDITION OF THE PROPERTY:—*Good.*
EXTERNAL EXPOSURES:—*As per plan.*



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Gibsboro Color, Paint & Varnish Works,

John Lucas & Co.,

Gibsboro, Camden County, N. J.

2745 2746
Formerly 1679 1680

MANUFACTURE: *White lead, white zinc, colors, ready mixed paints and varnishes.*
RAW STOCK: *Chiefly white lead, white zinc, linseed oil and chemicals.*
EMPLOY: *138 hands, 15 boys, 20 girls.*

Re-surveyed Nov. 10th, 1892.
E. Hexamer & Son,
449 Walnut Street, Philadelphia, Pa.

OWNER: *John Lucas.*
SUPERINTENDED: *By the owner and Albert and A. J. and H. S. Lucas.*
NAME: *Gibsboro Color, Paint and Varnish Works.*
LOCATION: *Situated at Gibsboro, Camden Co., N. J.*
AGE: *Buildings erected 1857, 1859, 1868, 1869, 1882 and 1885 to 1892.*
POWER: *Steam and water.*
HEIGHT: *No. 1, 8'—12'—9'—7'; No. 2, 9'—9'—8'—9'; No. 3, 9'—9'—8'—9'; No. 4, 10'—10'; No. 7, 9'—10'—10'—10'; Nos. 8 and 23, 9' and 14'; No. 15, 9'—12'—8'; No. 20, 10' and 12'; No. 22, 20'.*
LENGTH: *See plan.*
WALLS: *No. 1, foundation walls, 24" stone; No. 2, 24" in 1st floor, 9" and 18" in 2d floor; No. 3, 9"—9"—9"—9"; Nos. 8 and 23, 9"; No. 15, 18"—18"; No. 16, 9"; No. 25, 9" and 18".*
CEILINGS: *Office, No. 1, partly boarded and partly plastered; engine room No. 1 and 3d floor of No. 7, boarded; others not finished.*
ROOFS: *As per plan.*
GUTTERS: *Metal.*
CORNICE: *Wood board.*
SCUTTLE: *In roof of Nos. 1, 2 and 7 and stairs to them.*
TOWER: *Wooden cupola on roof of No. 1.*
LADDERS: *Two permanent iron ladders outside of Nos. 2 and 7 reaching to the roofs; 3 to 4 wooden movable ladders kept on rack outside of No. 20 reaching to the 3d and 4th story.*
LIGHTNING ROD: *On stable, none on works.*
PORCH: *None. Bridges and gangways as per plan.*
FLOORS: *In 1st story of No. 3, No. 8 and No. 23, brick; flag flooring in No. 25; lower floors 2" wooden planks; upper floors 1" yellow pine flooring boards, not arranged for flooding; some portions in upper floors of Nos. 1, 2 and 7 laid double.*
WINDOWS: *As per plan and view.*
STAIRWAYS: *Wood, located as per plan, partly cased.*
ELEVATORS: *Open [a and b] in No. 7 with automatic trap doors, and at [c, d, e] in Nos. 1, 2 and 4, with trap doors, closed every night.*

HATCHWAY: *None.*
MACHINE SHOP: *For repairs in No. 18.*
FORGE: *Of brick, in blacksmith shop No. 11, built on ground floor.*
WOOD SHAVINGS: *Made in carpenter shop No. 16, chanced out and burnt under steamboilers. No new packages made. 1 carpenter and 2 coopers employed. No wood working machinery. Glue heated on stove in No. 16.*
HEAT: *By 6" cast iron and 1¼" wrought iron steampipes resting on iron.*
STOVES: *2; 1 in No. 16 and 1 in No. 18 well secured; portable iron heater in bas. of No. 15.*
LIGHT: *By gas, manufactured of gasoline, tank underground, 54 feet East of No. 20; blower in basement of No. 7.*
WATCHMAN: *2 night watchmen; special man on Sunday and holidays.*
WATCHCLOCK: *Bowrie's portable with 74 keys; watchman making 4 records every hour.*
HOURS OF WORK: *Daytime, 10 hours a day; working 12 and 13 hours a day in spring time in Nos. 1 and 7.*
BOILERS: *Located as per plan, enclosed by brick walls, in proper distance from wood works; upright boiler in No. 19 not enclosed, used only in case of emergency.*
SMOKE STACKS: *1 of steel plates, 3' diameter, rising 78 feet above ground; brick chimney in No. 3 rising 25 feet above roof. Brick chimney in No. 7 used only as ventilator.*
STEAM ENGINES: *Two, 100 and 15 horsepower.*
TURBINE: *18 to 20 horsepower.*
FUEL: *Anthracite coal.*
FURNACES AND HEATERS: *In Nos. 8, 14, 15 and 23, of brick and iron with iron doors, built on brick floor, well constructed.*
OILS: *Paraffine, cylinder and whale oil used on machinery; 1 barrel of each kept at a time in tin tank in basement of No. 1; 1 bbl. of benzine kept at a time in No. 25; keep from 60 to 70 barrels of varnish in tin tanks in No. 15. Varnish boiled in Nos. 8, 14 and 23 and cooled in cooling sheds Nos. 24 and 25. About 1000 gallons linseed oil in tanks in building No. 1 and from 800 to 1000 gallons kept in iron upright boiler in No. 3. Bulk of oils, turpentine and benzine kept in iron tanks located east of works proper; capacity of tanks as per plan.*

ACIDS: *From 10 to 20 carboys of acids [muriatic, nitric and sulphuric] kept at a time in the yard during summer season.*
DRYING: *Color dry rooms in No. 5 with wooden floors and ceilings not finished, heated by steampipes resting on iron. Iron upright boiler in No. 3 for purifying linseed oil.*
OILY RAGS: *Carefully gathered up and burnt or washed and dried in the open air; no metal waste cans.*
OCCUPANCY: *As per plan.*
PROVISIONS FOR EXTINGUISHING FIRE:
PUMPS: *Worthington duplex, special fire pump, in No. 19 at [f] taking water from pond in direct connection with sprinkler system, standpipe in No. 2 and the outside fireplugs; no hose connection direct on pump. Barr pump [g] in No. 19 for general supply, taking water from pond, with one 2½" hose connection, can also be brought in direct connection with the sprinkler system, standpipe and outside fireplugs.*
STANDPIPE: *4" at [h] in No. 2 with one 2½" outlet in every story, supplied by elevated tank and pumps direct.*
FIREPLUGS: *6 outside [3 two way and 3 single] 2½" plugs marked [i] on plan, supplied by elevated tank and pumps.*
SPRINKLERS: *Full system, Walworth automatic in Nos. 1, 2, 3, 4 and 7 [both wet and dry] supplied by elevated tank and in direct connection with pumps.*

TANK: *Large wooden, elevated 65 feet above ground, capacity 31,000 gallons, in connection with pumps and pond.*
HOSE: *950 ft. 2½" canvas rubber lined on hose carriage in No. 19; 50 feet 2½" canvas rubber lined hose attached to standpipe [h] in No. 2 on each floor.*
HAND FIRE ENGINE: *In No. 19 in good order.*
FIREBUCKETS: *90 galvanized iron water and 81 sand buckets distributed and kept filled.*
FIRE EXTINGUISHERS: *1 Babcock and a number of Lewis', in good order.*
ORGANIZED FIRE BRIGADE: *Among the employes, drilled frequently.*
FIRE COMPANY: *Nearest one in Lindenwold, 2 miles off.*
TELEPHONE: *In office No. 1 connected with Philadelphia & Lucaston Station.*
CARE IN MANAGEMENT: *Good.*
GENERAL CONDITION OF THE PROPERTY: *Good.*
EXTERNAL EXPOSURES: *None.*

Wall with windows or openings
Wall with iron-lined doors or shutters
Wall extending above the roof [coped]
Partition wall
Stone or brick building
Stone and frame building
Frame structure
Upright steamboilers
Horizontal steamboiler
Furnace and heater
Smoke stack
Elevator
Stairway
Force pump
Standpipe or fireplug
Scale: 30 feet to one inch.

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A.S.D. 267

MIDDLE STATES
1785
EASTERN INSPECTION BUREAU
111 JOHN ST. N.Y.C.

SECTION E - E

SECTION F - F

SECTION G - G

SECTION H - H

SECTION J - J

SECTION A - A

SECTION B - B

SECTION C - C

SECTION C - C

SECTION D - D

BUILDINGS SEPARATELY INSURED

COKE STGE.

DRUM STORAGE OF SOLVENTS, WAX, OILS ETC.

LARGE LAKE

A.S. 222' X 232' 1 STY. BRICK, CONCRETE SLAB ON EXPOSED STEEL ROOFED FINISHED STOCK WAREHOUSE TO BE ERECTED ON SITE

BERLIN ROAD OR FOSTER AVE. (40 KNOTS) — TO GIBBSBORO 1/2 MILES

AUTO PARKING

STGE. EMPTY DRUMS

STGE. EMPTY DRUMS, THINNERS & FINISHED STOCK IN DRUMS ON CONC. PLATFORM.

NO EXPOSURE

FLOOD NOTE: FLOOD OF SEPT. 1, 1949 BROKE DAM & WATER ENTERED PART OF BUILDINGS TO DEPTH OF 4' - 5'.

SKETCH GRAVITY EQUALIZER LINE BETWEEN GRAVITY TANKS — NO SCALE

SKETCH OF PUMPS IN BLDGS NO 37 — NO SCALE

SKETCH OF PUMP IN BLDG NO 23 — NO SCALE

JOHN LUCAS & CO. INC.
GIBBSBORO CAMDEN CO. N.J.
RT. WEATHERILL — SCALE 1" = 50' — Nov. 10, 1939 Nov. 17, 1947

Weston Solutions, Inc.
205 Campus Drive Edison, New Jersey 08837-3939
TEL: (732) 417-5800 Fax: (732) 417-5801
http://www.westonsolutions.com

REPORT DATE: APRIL 2007	PROJECT MANAGER: S.JONES	CLIENT NAME: THE SHERWIN-WILLIAMS COMPANY	DRAWING TITLE: HISTORIC JOHN LUCAS & CO. INC. PLANT MAP 17 NOVEMBER 1947
DRAWING: 04320_PW_Fig2_7.dwg PATH: L:\SHERWIN\GIS\CAD\ 0407_PaintWorks	CHECKED BY: A.FISCHER		
REVISION No. 0	CONTRACT No. DELIVERY ORDER NO.	PROJECT NAME: COMPREHENSIVE REMEDIAL INVESTIGATION REPORT THE PAINT WORKS SITE	FIGURE: 2-6 / SCALE: NTS / DATE: 04/27/2007
WORK ORDER No. 20076.022.077.0006	DRAWN/MODIFIED BY: J. LYNES DATE CREATED: 04/27/2007		

JOHN LUCAS & COMPANY, INC.

GIBBSBORO, N. J.

VOLUME I

WEST BROTHERS, INC.

Building 1	Paint Manufacturing
~~Building 2~~	~~Warehouse~~
~~Building 3~~	~~Warehouse~~
~~Building 4~~	~~Storage Building~~
~~Building 5~~	~~Drum Storage~~
~~Building 6~~	~~Drum Storage~~
Building 7	Paint Manufacturing
~~Building 8~~	~~Storage Building~~
~~Building 10~~	~~Storage Building~~
Building 14	Varnish Stack
Building 15	Varnish Tank House
Building 16	Carpenter Shop
~~Building 17~~	~~Barrel Storage~~
Building 22	Storage Shed
Building 23	Fire Pump House
Building 24	Varnish Cooling Shed
~~Building 24~~	~~Varnish Pale Tan House~~
Building 25	Storage
~~Building 26~~	~~Tank House~~
~~Building 28~~	~~Mechanical Department~~
Building 29	Office and Warehouse
~~Building 31~~	~~Prussian Blue Department~~
Building 32	Varnish Filter House
Building 33	Varnish Stack
~~Building 34~~	~~Tank House~~
Building 35	Drum Cleaning and Storage
Building 37	Power Plant -
Building 38	Resin Cutting
Building 39	Dry Color
~~Building 40~~	~~Tank House~~
Building 42	Resin Cutting
~~Building 43~~	~~Lumber Shed~~
Building 44	Oil House
~~Building 45~~	~~Drum Storage~~
~~Building 48~~	~~Gate House~~
Building 49	Varnish Tank House
Building 50	Garage
Building 51	Nitro-Cellulose
Building 52	Lacquer Manufacturing
Building 53	Lacquer Storage
Bridge	

CONFIDENTIAL
THIS PLAN SHOULD BE MADE AVAILABLE ONLY TO AUTHORIZED PERSONS

E-6432-W

30,000 GAL. GRAVITY TK.
5,000 GAL. AVAILABLE FOR DOM. PURPOSES

Tank "B"

Wood Joist On Timber On Timber

Steel Deck With 1" Celotex On Bare Steel

Plank On Timber

2" Conc. Slab On Bare Steel With 3/4" Celotex Insulation

Conc. On Bare Steel

Wood Joists On Timber

Plank On Timber

PLOT PLAN
(SHOWING MILL VILLAGE)
SCALE : 1" = 200'

CAMDEN COUNTY RD. NO. 561 (CONC. PAVED)

TO BERLIN

CLEMENTON AVE.

HADDONFIELD RD.

(LAND OWNED BY INSURED)

SILVER LAKE

WOODED LAND

WIRE FENCE

UNITED STATES

THE SHERWIN-WILLIAMS CO. PLANT
JOHN LUCAS & CO., INC.
LOCATED HERE

ST. JOHN'S EPISCOPAL CHURCH

BERLIN RD. (FOSTER AVE.)

(PROPERTY OF INSURED)

FR. MEETING HALL

SILVER LAKE

CLEMENTON ROAD

BERLIN (FOSTER AVE.) ROAD

AUTO PARKING

BERLIN ROAD

WIRE FENCE

R.R. SIDING

TANK SCHEDULE

NO.	TYPE	CAPCY.	CONTENTS	SUR DATA	PROTECTION	VENTING
1	HORIZ. (AW)	10000 GAL.	BUTYL ALCOHOL	1000 GAL. ST. SADDLES	NONE	2" WITH F.A.
2	"	8,000 "	METHYL AMYL ACETATE	"	"	"
3	"	" "	ETHYL ACETATE	"	"	"
4	"	" "	ISOPROPYL ACETATE	"	"	"
5	"	10,000 "	XYLOL	"	"	3 WITH F.A.
6	"	" "	LACQUER PETROLEUM DILUENT	"	"	"
7	"	" "	REFINED TOLUOL	"	"	"
8	"	" "	TOLUOL (CURED)	"	"	"
9	VERT. (AW)	2,000 "	M. E. K.	"	"	2" WITH F.A.
10	"	" "	BUTYL ALCOHOL	"	"	"
11	"	10,000 "	ISOPROPYL ALCOHOL	"	"	"
12	"	" "	ISO BUTYL ACETATE	"	"	"
13	"	" "	M. I. B. K.	"	"	"
14	"	" "	PINE OIL	"	"	"
15	VERT.	2,000 "	MIXED BUTANOL	"	"	"

TANK SCHEDULE

TANK	CAPCY.	CONTENTS	TYPE	SUPPORT	VENT
A	28,000 GALS.	LINSEED OIL	VERT. (ATS)	CONC.	1½"
B	" "	SOYA OIL	"	"	1½"
C	15,000 "	RAW LINSEED OIL	"	"	2"
D	30,000 "	MINERAL SPIRITS	"	"	1"
E	20,600 "	EMPTY	"	REINF. CONC. ON ST.	2"
F	" "	LINSEED OIL (REF.)	"	" " "	2"
G	4,100 "	EMPTY	"	STONE & ST.	1½"
H	20,800 "	TUNG OIL	"	" " "	1½"
I	30,800 "	MINERAL SPIRITS	"	" " "	2"
J	19,100 "	"	"	CONC.	2"
K	9,300 "	EMPTY	"	"	2"
L	6,000 "	NAPHTHA	UNDERGR'D	EARTH & BRICK	2" F.A.
M	11,000 "	XYLENE	"	" " "	2" F.A.
N	2,000 "	EMPTY	"	" " "	2" F.A.
O	19,000 "	"	"	" " "	2" F.A.
P	13,900 "	TOLL OIL	"	CONC.	4" V.

PRINCIPAL MAP SYMBOLS

FIRE-RESISTIVE, PROTECTED STEEL—COLOR BROWN.
MASONRY OR CONCRETE WALLS, UNPROTECTED STEEL INTERIOR AND ROOF, NO WOOD—COLOR GRAY WITH BROWN MARGIN.
FIRE-RESISTIVE EXCEPT WOOD ROOF, TWO OR MORE STORIES—COLOR BROWN WITH YELLOW CENTER.
CONCRETE, STONE, CONCRETE OR CINDER BLOCK WALLS, COMBUSTIBLE ROOF & INTERIOR—COLOR BLUE.
BRICK OR HOLLOW TILE WALLS, COMBUSTIBLE ROOF & INTERIOR—COLOR RED.
NON-COMBUSTIBLE WALLS & ROOF—COLOR GRAY.
WOOD IRON-CLAD OR WOOD SKELETON IRON-CLAD—COLOR YELLOW WITH GRAY MARGIN.
WOOD FRAME OR WOOD STUCCOED—COLOR YELLOW.

(2.23) NUMBER OF STORIES SHOWN IN LOWER LEFT HAND CORNER.

FIRE WALLS
WINDOW, (SHOWN ONLY IN MASONRY WALLS).
FIRE DOOR, (FLOOR INDICATED).
CHIMNEY, (BRICK & HEIGHT INDICATED).
INDICATES SPRINKLERED BUILDING.
INDICATES UNSPRINKLERED BUILDING.
MAIN WATER PIPES FOR FIRE PROTECTION.
MAIN WATER PIPES FOR FIRE PROTECTION, (UNDER BUILDINGS).
VALVE IN PIT, (PIT INDICATED BY BROKEN CIRCLE).
CHECK VALVE, (INDICATES DIRECTION OF FLOW).
WATER FLOW ALARM VALVE.
PUBLIC HYDRANT, (D. H. INDICATES DOUBLE HYDRANT WITH PUMPER CONNECTION).
PRIVATE HYDRANT, (FROSTPROOF).
FIRE DEPARTMENT CONNECTION.
WATCHMAN'S CLOCK STATION.
OTHER WALLS.
PARAPETED WALL.
FIRE ALARM BOX.
ELEVATOR.
STAIRS.
BOILER.
HOSE CONNECTION.
POST INDICATOR VALVE.
KEY VALVE.
DRY PIPE VALVE.
SPRINKLER RISER.
ALARM CHECK VALVE.
SUCTION PIPE.

SECTIONS

PARAPETED WALL.
CONCRETE ROOF INDICATED BY HEAVY LINE.
WOOD FLOOR, (PLANK ON TIMBERS).
WOOD FLOOR, (OPEN JOIST).
SHEATHED FLOOR.
WINDOW.
AUTOMATIC SPRINKLER IN ROOM.
NO SPRINKLER IN ROOM.
EARTH.

OTHER DETAILS OF CONSTRUCTION SHOW THE STANDARD PLAN SYMBOLS

DETAIL NO. 1
NO SCALE

30,000 GAL. WD. GRAVITY TKS. 48' ABV. H.L.S. 5,000 GAL. AVAILABLE FOR DOM. PURPOSES

TANK "B"

TO BE REMOVED

DISCONNECTED

FROM LAKE

TO A.S. & SERVICE

SHUT

TO A.S. & HYDS.

DETAIL NO. 2
NO SCALE

SERVICE WATER PRESSURE TANK

2-50 G.P.M. ELEC. CENTR. MAKE-UP PUMPS

(2" EMERGENCY SERVICE CONN. (NORMALLY SHUT))

DETAIL NO. 3
NO SCALE

SILVER LAKE

PUMP HOUSE

1,500 G.P.M. PEERLESS AUTO. GAS. ENGINE DRIVEN FIRE PUMP

SUCTION CRIB

TO A.S.

DETAIL NO. 4
NO SCALE

NO. 58

TO BLDG. NO. 29

NO. 23

DETAIL NO. 5
NO. SCALE

TO A.S.

1" BY-PASS

10" FROM LAKE

2000 G.P.M. PEERLESS AUTO. ELEC. CENTR. FIRE PUMP

BASIN

THE SHERWIN-WILLIAMS CO.
JOHN LUCAS & CO., INC.
GIBBSBORO, NEW JERSEY
SCALE 1 INCH = 50 FEET

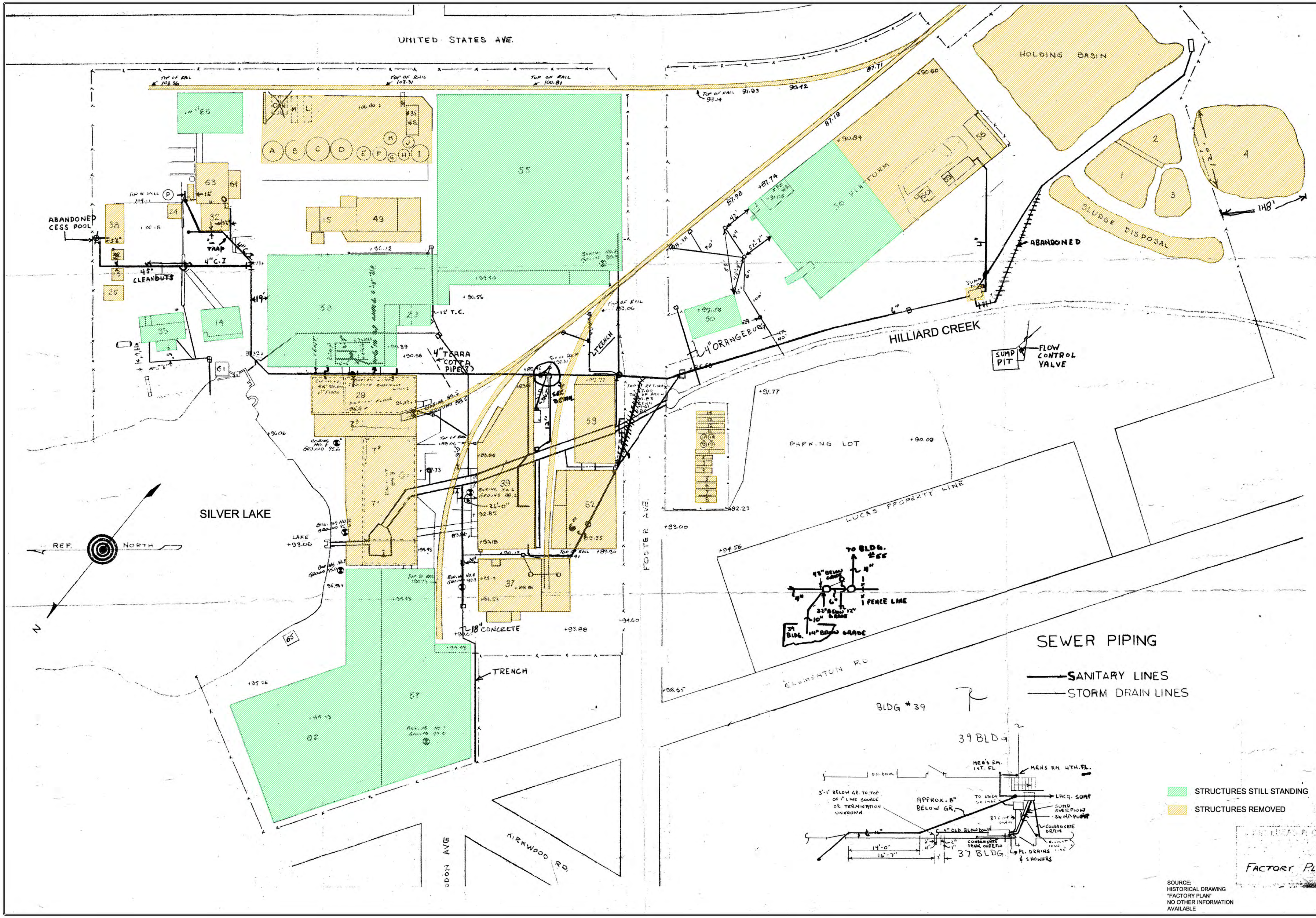
FACTORY INSURANCE ASSOCIATION
WESTERN REGIONAL OFFICE
CHICAGO, ILL.

APRIL 16TH, 1964

E-6432-W

Reference No.: 05
Sherwin-Williams-Hilliards Creek
HRS Documentation Record

5



SOURCE:
HISTORICAL DRAWING
"FACTORY PLAN"
NO OTHER INFORMATION
AVAILABLE

WESTON SOLUTIONS

Weston Solutions, Inc.
205 Campus Drive Edison, NJ 08837
Ph:(732)417-5800 Fax:(732)417-5801
www.westonsolutions.com

PROJECT MANAGER: A. Fischer
CHECKED BY: A. Fischer
CONTRACT No.
DELIVERY ORDER NO.
DRAWN/MODIFIED BY: J. Lynes
DATE: 04/06/2007
REPORT DATE: APRIL 2007
DRAWING#: 04319
DRAWING: 04319_PW_Fig2_6.dwg
FOLDER: L:\SHERWIN\GIS\CAD\0407 PaintWorks
REVISION No.
WORK ORDER No. 20076.022.077.0006

SHERWIN WILLIAMS

CLIENT NAME: THE SHERWIN-WILLIAMS COMPANY

PROJECT NAME: COMPREHENSIVE REMEDIAL INVESTIGATION REPORT THE PAINT WORKS SITE

DRAWING TITLE: HISTORIC SITE PLAN UNDATED FACTORY PLAT

FIGURE 2-4

NOT TO SCALE

Ted - check out the flagged page.

Sally

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN (SPCC PLAN)

FOR

THE SHERWIN WILLIAMS COMPANY

FOSTER AVENUE

GIBBSBORO, N.J. 08026

This SPCC Plan will be implemented as herein described

R. B. BURKE, PLANT MANAGER

Certification: I hereby certify that I have examined the facility and being familiar with the provision of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practice

F. M. Bruhns, P.E.

Original Plan dated October 17, 1974
This Plan replaces Plan Revision dated March 28, 1975

TABLE OF CONTENTS

	PAGE
COVER PAGE - PLANT LOCATION	1
TABLE OF CONTENTS	2
CERTIFICATION	3
HISTORY OF RECENT SPILLS	4
PREDICTION OF POSSIBLE SPILLS	4
CONTAINMENT CAPABILITIES	4
SPILL CONTINGENCY PLAN - GENERAL	5
DISCUSSION OF GUIDELINES	5
SPILL CONTINGENCY PLAN - DETAILS	9
ATTACHMENTS	12
#1 STORAGE TANKS LIST	13
#2 UNLOADING & TANKAGE SITE	14
#3 UNLOADING & TANKAGE SITE	15
#4 PLANT PLOT	16
#5 LACQUER TANK FARM - INSPECTION	17
#6 OIL HILL TANK FARM - INSPECTION	18
#7 MISC. TANK FARM - INSPECTION	19
#8 LOADING/UNLOADING - INSPECTION	20
APPENDIX	
SPCC OUTLINE	
SPCC REGULATION TITLE 40 PART 112	
SPCC REGULATION TITLE 40 PART 110	

CONTINGENCY PLAN

AND

MANPOWER COMMITMENT

Actions to be Taken by Spiller or Identifier of a Spill

The Spiller or Identifier of a spill shall himself shutoff the source of the spill or seek local assistance if immediate stoppage appears possible. Upon stopping the spill, the Spiller or Identifier of the spill shall call the Plant Engineer, who will direct further action towards clean-up and will file necessary reports.

If the stoppage cannot be readily or easily accomplished by the Spiller, he shall notify the Plant Engineer, who will mobilize help as needed and will direct further action in control of the spill and in clean-up of the spill.

R.J. DuLaney - Plant Ext. 257 - Home (609) 845-8126
Plant Engineer
or J.A. Rodgers - Plant Ext. 258 - Home (609) 567-0876
or R. Lambert - Plant Ext. 258 - Home (609) 629-5668

Actions to be Taken by the Plant Engineer Designated as the SPCC Coordinator

A) In the event that the spill is hazardous in nature, a potential danger to the Community or in excess of 1,000 gallons of oil or oily substances, the Plant Engineer shall notify the Plant Manager, who shall notify the Regional "On-Site-Coordinator" (OSC) who shall implement the regional plan at his discretion.

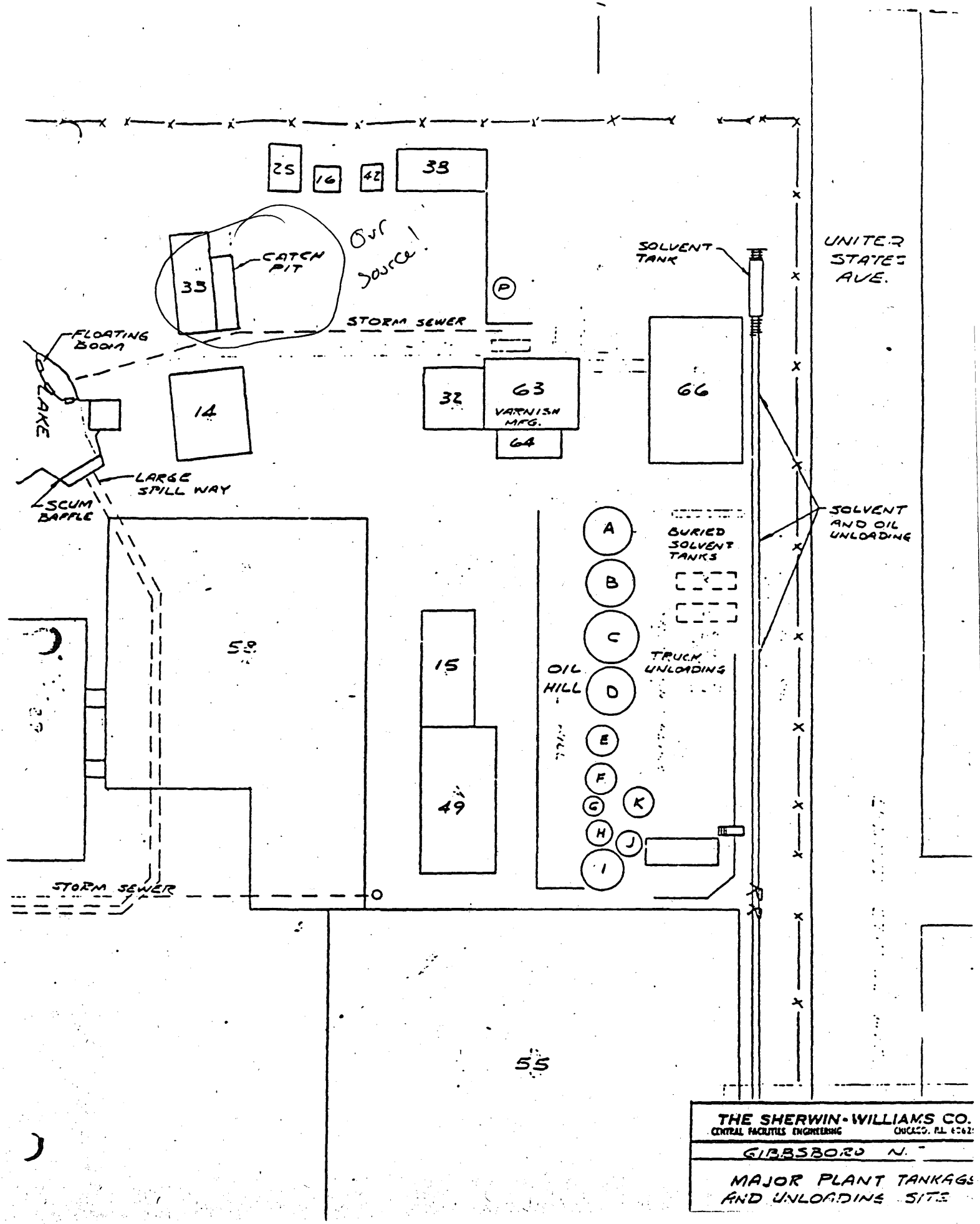
R. B. Burke - Plant Ext. 213 - Home (609) 654-5731
Plant Manager
O.S.C. (New Jersey Dept. of Environmental Protection)
K.F. Birns - Day (609) 292-5560
Night (609) 292-7172

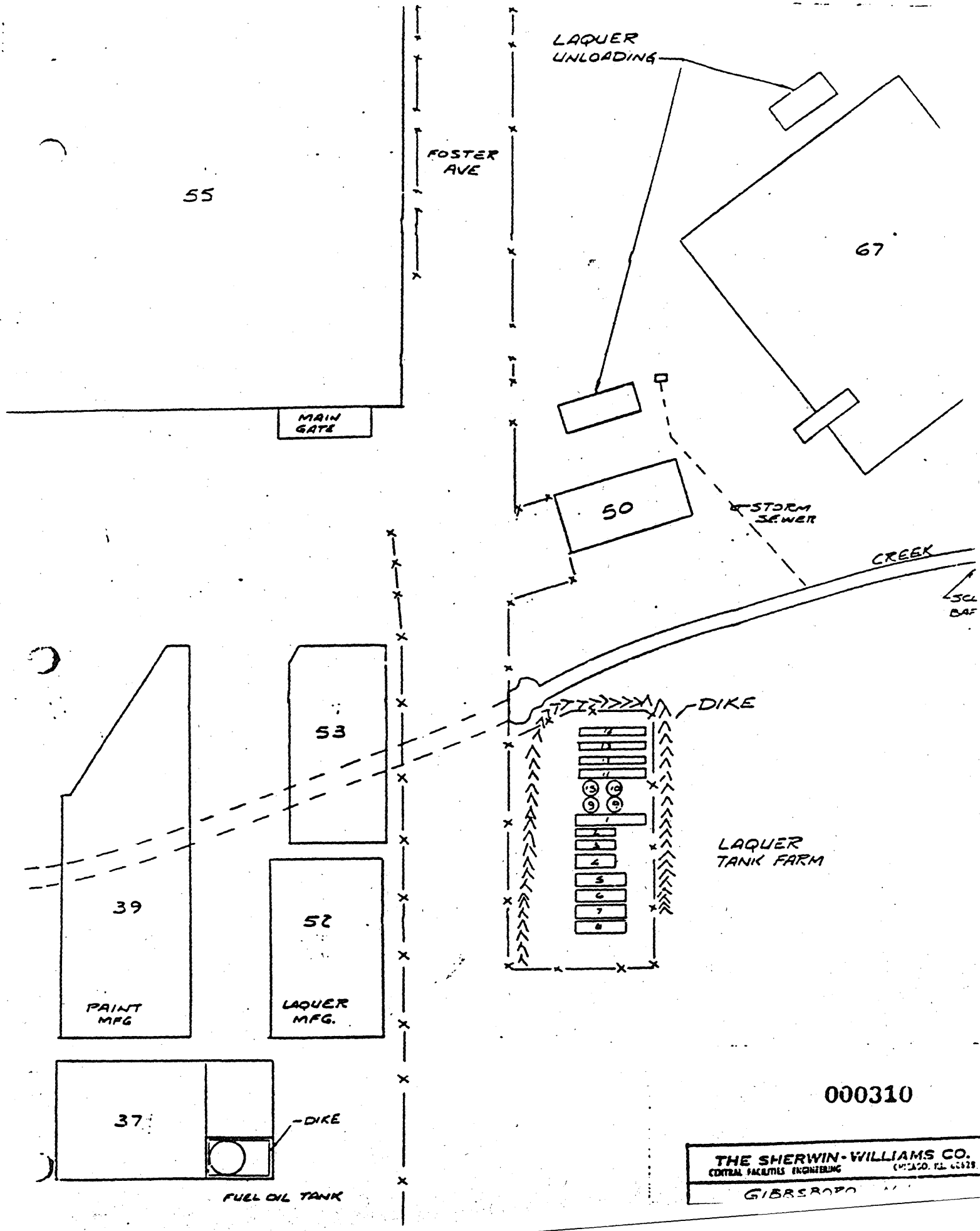
ATTACHMENTS

ATTACHMENT #1

BULK STORAGE TANKS

TANK DESIGNATION	STORAGE (GALLONS)	CONTENTS	COMENTS
		(LACQUER TANK FARM)	
1	10172	ISOBUTYL ALCOHOL	
2	6465	ACETONE CP	
3	6465	PRIMARY AMYL ACETATE	
4	6465	METHYL ETHYL KETONE	
5	14991	XYLENE	
6	14991	LACQUER DILUENT	
7	14991	TOLUENE INDUSTRIAL PURE	
8	14991		
9	3200	ISOPROPYL ACETATE	
10	1500	2-ETHOX YETHYL ACETATE	
11	9905	ISOPROPANOL ANHYDROUS	
12	9905	ESTER TYPE LACQUER SOLVENT	
13	9905	METHYL NORMAL BUTYL KETONE	
14	9905		
15	1500	AROMATIC NAPHTHA	
		(OIL HILL TANK FARM)	
A	28500	VACUUM BODIED OIL 80% N.V.M.	
B	28500	SOYA OIL ALK REFINED	
C	113000	LINSEED OIL RAW	
D	20000	MINERAL SPIRITS REG.	
E	20000	MINERAL SPIRITS REG.	
F	20600	LINSEED OIL ALK. REF.	
G	4100	Elkol	
H	20600	GLYCERIN H. GRAVITY	
I	30000	ODORLESS MINERAL SPIRITS	
J	19300	SOLVENT 140	
		(MISCELLANEOUS)	
L	8030	50 FLASH NAPHTHA	BURIED
M	15000	XYLENE 5 DEGREE C (NEW)	BURIED
P	13000	TALL OIL FATTY ACIDS 4% ROSIN	
	8000	TOLUENE INDUSTRIAL PURE	


25
16
42
38
35
CATCH PIT
Our Source!
STORM SEWER
FLOATING BOOM
LAKE
14
32
63
VARNISH MFG.
64
66
SOLVENT TANK
UNITED STATES AVE.
LARGE SPILL WAY
SCUM BAFFLE
SOLVENT AND OIL UNLOADING
A
B
C
D
E
F
G
H
I
J
K
BURIED SOLVENT TANKS
TRUCK UNLOADING
OIL HILL
58
15
49
STORM SEWER
55
THE SHERWIN-WILLIAMS CO.
CENTRAL FACILITIES ENGINEERING
CHICAGO, ILL.
GIBSBORO N.
MAJOR PLANT TANKAGE AND UNLOADING SITE

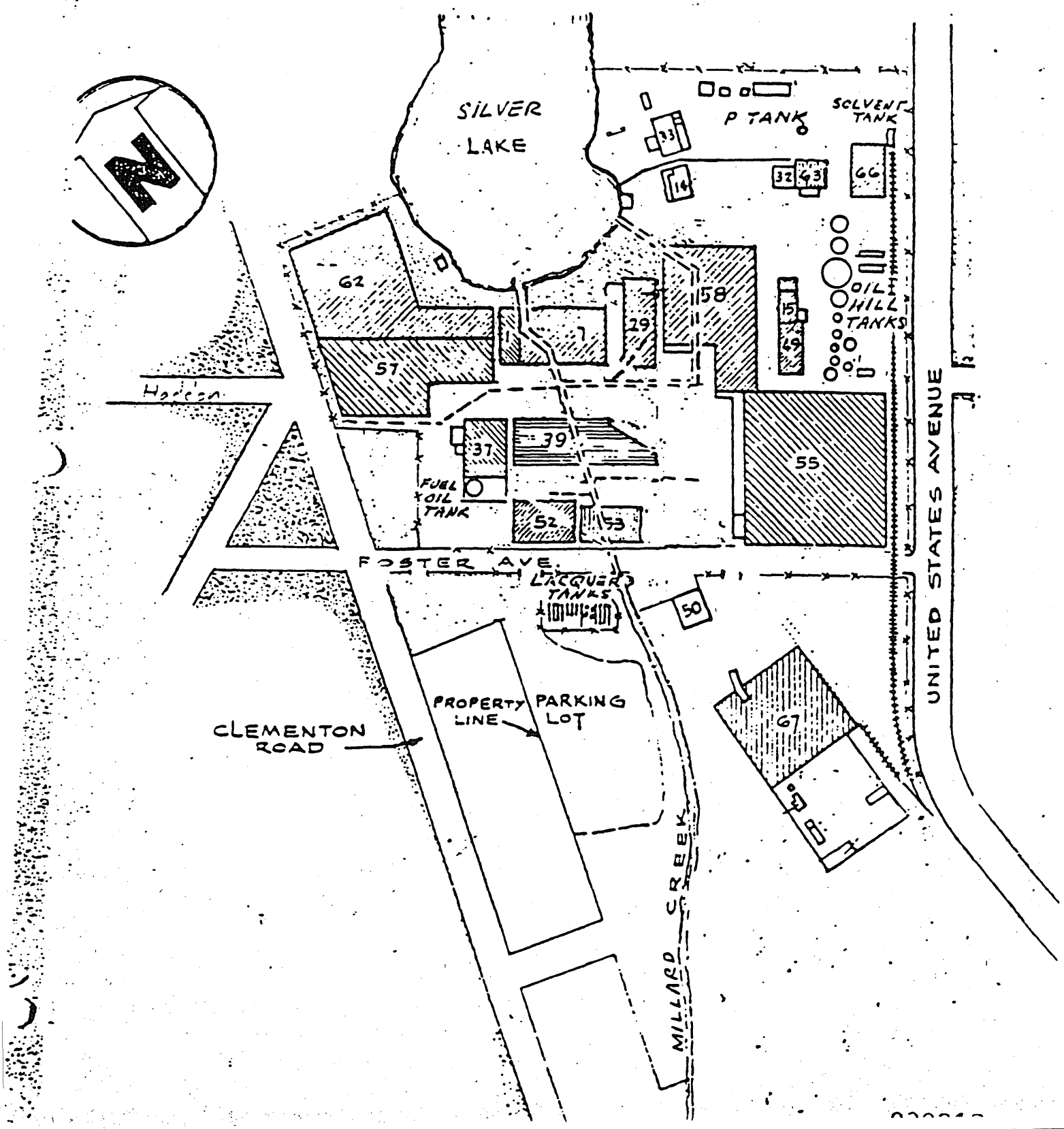


000310

THE SHERWIN-WILLIAMS CO.
CENTRAL FACILITIES ENGINEERING
GIBSBORO

ATTACHMENT #4

PLANT PLOT

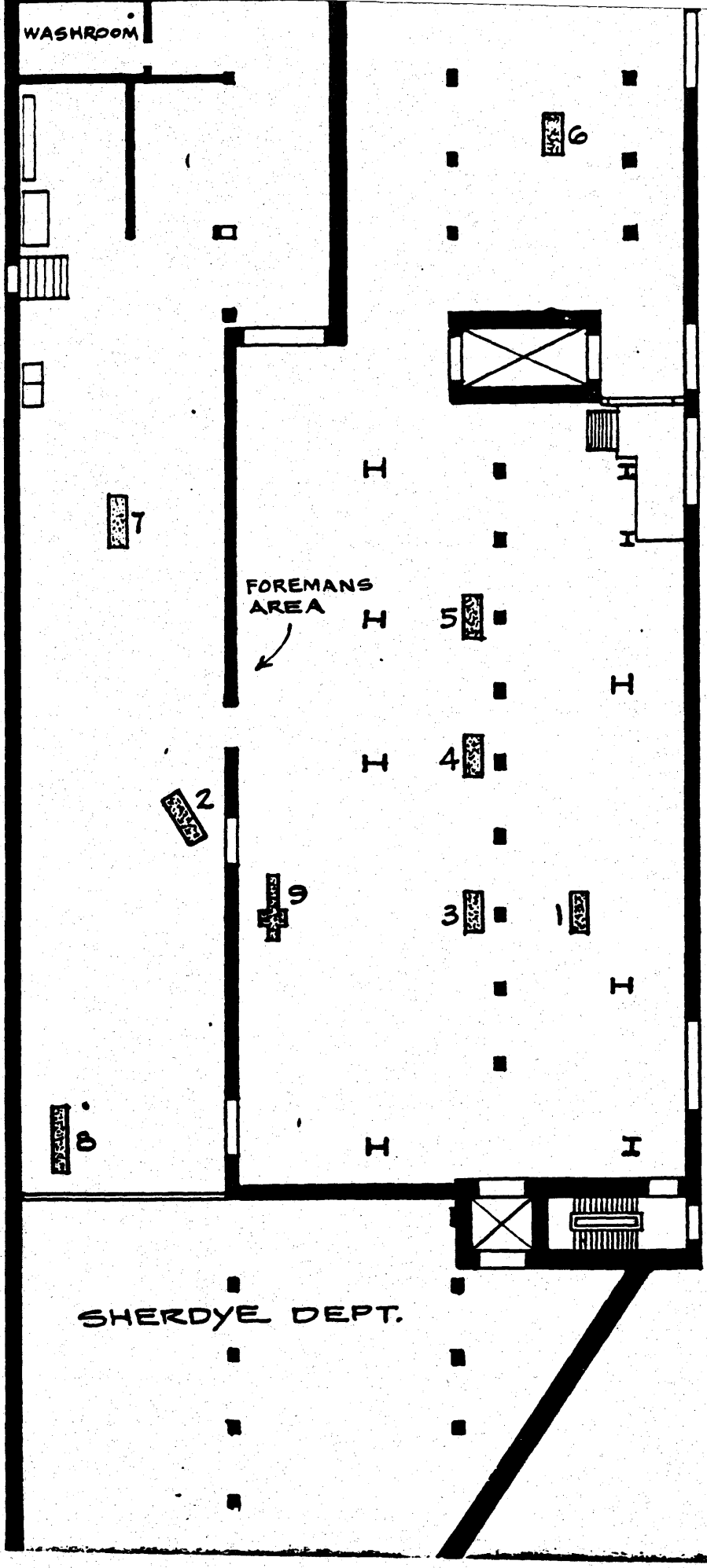


D. B. G.
APR 2 3 1975

GIBBSBORO

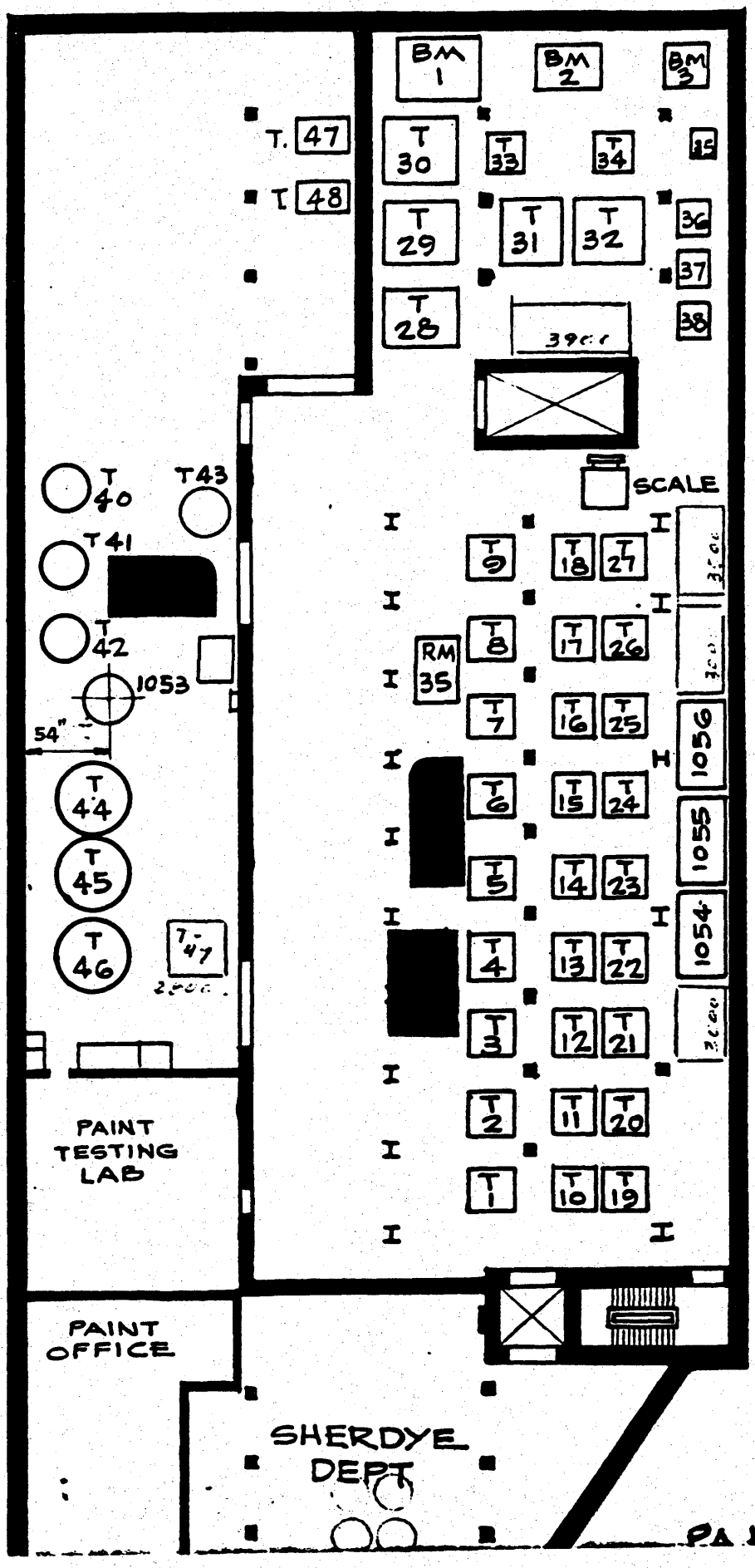
EQUIPMENT SCHEDULE

CENTRAL FACILITIES ENGINEERING



PAH 7-12-68

BUILDING Nº 39, 2ND FLOOR

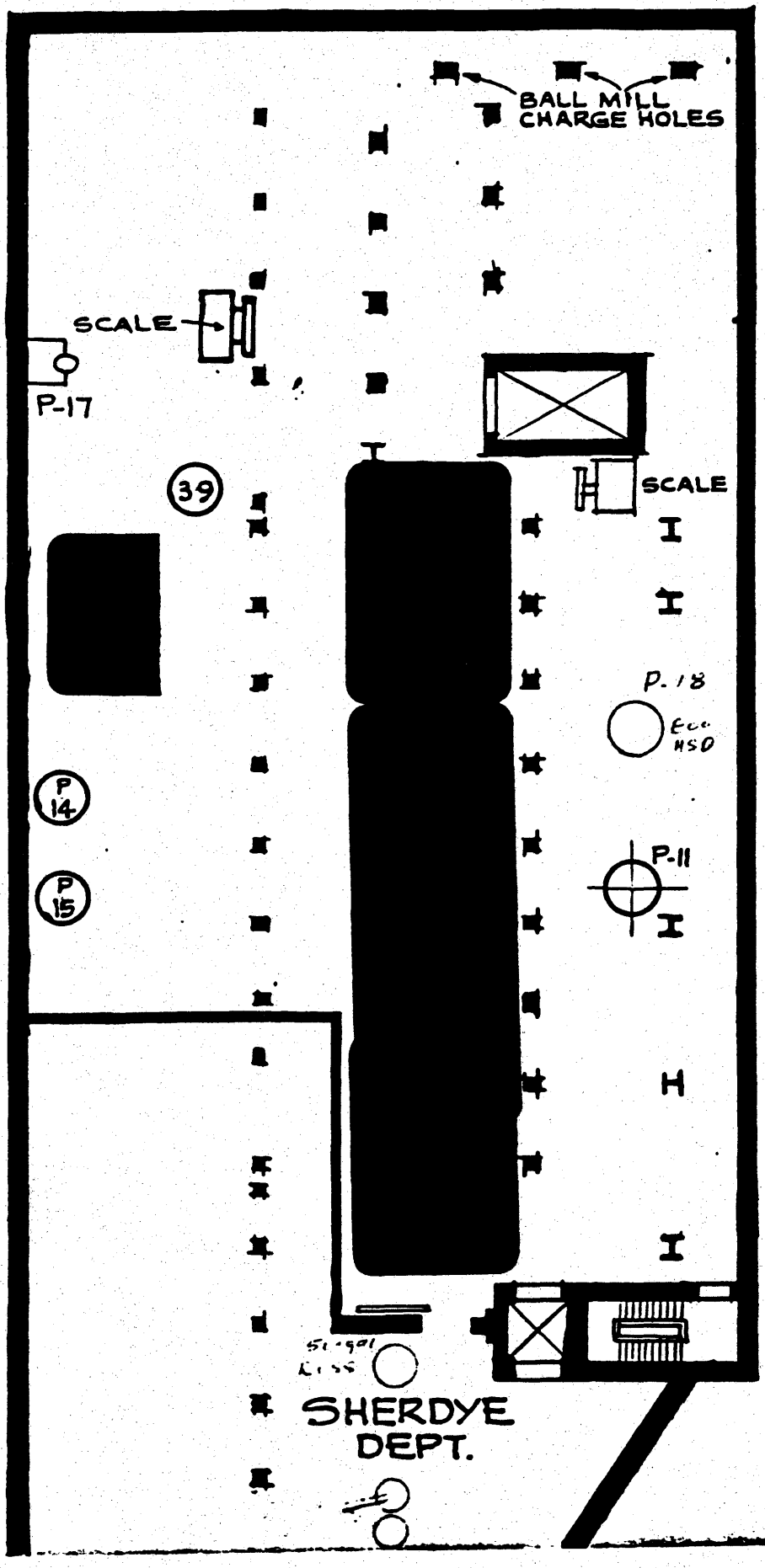


1ST. TO 2ND FLOOR 12'-0"

2ND TO 3RD FLOOR 12'-4"

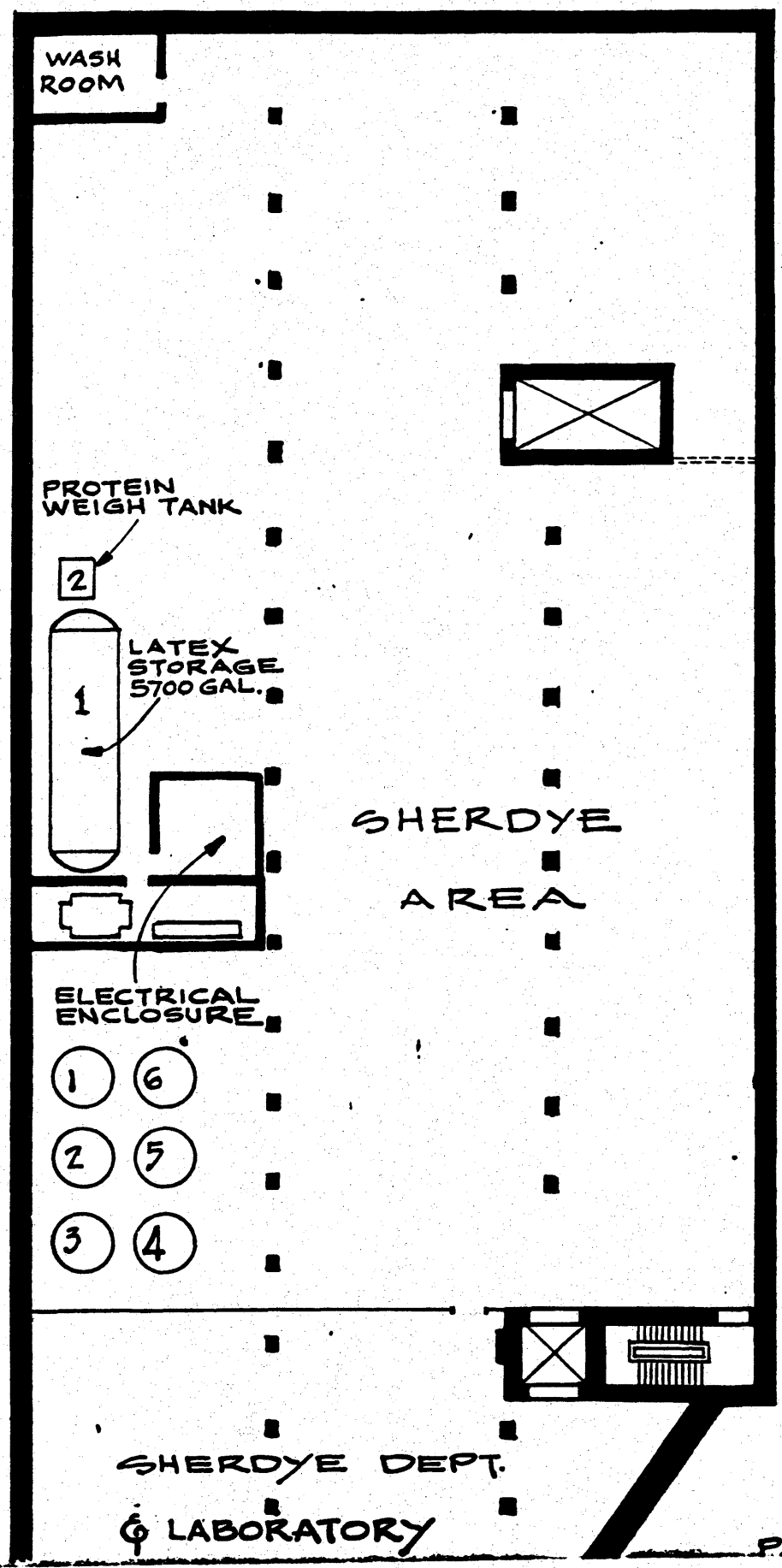
PA H-J-17-GR

BUILDING Nº 39, 3RD FLOOR



PAH 7-12-68

BUILDING Nº 39, 4TH FLOOR



PAH_J-12-68

AREA	DESCRIPTION	PAGE
1	BASEMENT - 3 FLOORS - ATTIC 32' X 90'	PLAT
PIT 1	SLUDGE DISPOSAL - HOLDING BASIN	PLAT
PIT 2	SLUDGE DISPOSAL --HOLDING BASIN	PLAT
PIT 3	SLUDGE DISPOSAL - HOLDING BASIN	PLAT
PIT 4	SLUDGE DISPOSAL - HOLDING BASIN	PLAT
PIT 5	SLUDGE DISPOSAL - HOLDING BASIN	PLAT
PIT 6	SLUDGE DISPOSAL - HOLDING BASIN	PLAT
7	PAINT STORAGE	PLAT
7--1	3 FLOORS & BASEMENT 80' X 86'	PLAT
7-2	3 FLOORS & BASEMENT 51' X 91'	PLAT
7-3	FINISHING DEPT. ONE FLOOR	PLAT
6	RECEIVING PLATFORM- ROOFED	PLAT
8	LACQUER STORAGE - FOSTER AVE. TANK FARM	NOT SHOWN
14	STACKS - 37' X 8" X 48'-8"	PLAT
15	VARNISH - 36' X 48'	21 & 20
16	MAINTANENCE STORAGE 20' X 35'	PLAT
23	PUMP HOUSE 40' X 25'	
24	SHED 22' X 22'	PLAT
25	MAINTANENCE STORAGE 20' X 36'	PLAT
29	BASEMENT 3 FLOORS & ATTIC 50' X 140'	PLAT
32	FILTER HOUSE 36'-4" X 36'-4"	22
33	VARNIS[illegible] SHED 23' X 12' STACKS	23
35	Receiving 59' X 23' Platform	PLAT
36	PLATFORM - DRUM STORAGE 21,310 SQ. FT.	PLAT
37	POWER HOUSE 67'-6" X 78'-2" ONE FLOOR	23-A

AREA	DESCRIPTION	PAGE
39	PAINT 219'-6" X 71'-9"	24 TO 30
42	VARNISH STORAGE . 15' X 10'	PLAT
49	VARNISH 46' X 100'	31 TO 32
50	CAN STORAGE 65' X 35'	PLAT
51	LACQUER - 16' X 40'-6"	33
52	LACQUER - 3 FLOORS & PLATFORM 72' X 99'	34 TO 37
53	LACQUER - TIN SHED 46' X 100'	38
55	WAREHOUSE - FINISHED GOODS 232' X 222'	PLAT
56	COTTON DRUM SHED 24' X 60'	PLAT
57	WAREHOUSE - RAW MATERIAL 23,400 SQ. FT.	PLAT
58	WAREHOUSE - FINISHED GOODS 25,000 SQ. FT.	PLAT
59	SEWAGE PROCESS PLANT 23' X 48'	PLAT
60	RECEIVING CENTER - ON #36 Plat. 15' X 23'	PLAT
61	GAS FIRE PUMP HOUSE 15' X 15'	PLAT
62	WAREHOUSE - FINISHED GOODS 31,200 SQ.FT.	PLAT
63	VARNISH - 1ST FLOOR 42' X 52' MEZZ.18'x42'	39
64	VARNISH - DOWTHERM BOILER ROOM 16' X 35'	40
65	ELECTRIC FIRE PUMP HOUSE 16' X 14'	PLAT
66	WAREHOUSE - VARNISH 50' X 80'	PLAT
67	WAREHOUSE - STOCKKEEPING & RECEIVING	PLAT
	RAW MATERIAL 144' X 169'	
YARD	PAINT - SOLVENT STORAGE	41
YARD	LACQUER - SOLVENT STORAGE	41-A

Major Transformers In Gibbsboro

No. 1 Sub Station: Behind Boiler Room Bldg. 37 - THREE 75 KVA Transformers, WYE/Delta connected, 480 volt secondary, 4160 Primary, Ser. No. R to L. 31826633, 3182453, 3182647. Owned by Atlantic City Electric Co.
Behind Boiler Room Bldg. 37. THREE 150 KVA Transformers, WYE/Delta connected 120/240 volt secondary, 4160 Primary, Ser. No. R. to L. 3194305, 3194308, 3194309, owned by Atlantic City Electric Co.

No. 2 Sub Station: Behind Sherdye, ONE 3 Ph. 300 KVA Transformers, WEY/Delta connected, 480 volt secondary, 4160 Primary, Ser. No. 3458-1, Model AOD3, Mfg. by Central Transformer Co. Made in 1956, owned by John Lucas Co.

No. 3 Sub Station: Varnish Yard: THREE 100 KVA Transformers WYE/Delta connected, 480 volt secondary, 4160 volt Primary, Ser. No. R. to L. C453906, C460151, C460152, Mfg. by G.E. and owned by John Lucas Co.

No. 4 Sub Station: Paint Dept. 4th Fl., ONE 500 KVA Transformer, 480 volts load center for Paint. 277/480Y secondary, 4160 Primary, WYE/WYE connected, Neutral grounded, H.V. 4160Y/2400; L.V. 277/480Y, Mfg. by Standard Transformer Co. Model HT, Ser. No. 169333, Installed in May 1962. Owned by John Lucas.

No. 5 Sub Station: Outside by Lake: ONE 300 KVA Transformer Waterproof, Dry Type, Primary 4160 volts, secondary 480 volts, TEE connected for starting only, Mfg. by Westinghouse, Style CDR7008, Ser. No. 63L10833, Installed Aug. 1963, New, for electric fire pump only, Owned by John Lucas Co.

Emergency Generator: Standby Generator for use if power fails to boiler. Electric Generator, A.C., 480 volts 18.7 KVA, 15000 Watts, P.F. 8, 23.6 Amps. 60 Cycle 3 Phase, Gen. Data, No. 15HC6C1A, 1800 RPM, Motor Gas on 12 volt battery, Model 15HC-6R8/1639A, Ser. No. 99B617365, Mfg. by Onan & Sons Inc. Owned by John Lucas Co.

ELECTRICAL CHARACTERISTICS

GIBBSBORO

A.C. Supply Cycle Frequency	60
Single Phase Voltage	120/240
Single Phase Ground - Partial	Yes
Multi-Phase Voltage -- See "A"	240/480 3 Phase
Multi-Phase Ground	3W-No 4W-Yes Partial
Multi-Phase Secondary Connection	Delta-See Note 5
Dirrect Current Voltage	No
Cross Line Start HP Limit	25 HP See "B"
Plant Generated Electricity	No - Emerg. for Boi
Generated Equipment	No - See Note 6
Power Factor % Limit	None
Power Factor Limit, Penalty or Premium	Yes Billed in KVA
Sub-Station Serving Plant	Yes one mile Distance
Number of Transformers (11)	See Next page
Size of each transformer	
Phase of each transformer (9)	1
Transformer Primary Voltage	All 4160 Volts
Transformer Secondary Voltage (9)	240/480 Nominal
Transformer Secondary Voltage (1)	440 volts see note
Transformer Ownership	Split
"A" = and 3 wire	
"B" = permission of utility req. for larger	