

TABLE J-1a SOIL SAMPLING DATA - TCLP RESULTS
SWMUs 1, 2, 4, and 8
W.C.MEREDITH COMPANY
EAST POINT, GA

Sample I.D.	G7	G7	ZZ7	ZZ7	L25	L25	VV25	VV25	C4
Sample Depth (inches)	1"	12"	1"	12"	1"	12"	1"	12"	1"
Location	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 1
Sample Date	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91
2,3,4,6-Tetrachlorophenol	0.18	<0.05	0.34	0.071	0.14	<0.05	<0.05	<0.05	0.12
2,4-Dimethylphenol	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.057	0.057
Acenaphthene	<0.05	<0.05	<0.05	<0.05	<0.05	0.17	<0.05	0.45	0.22
Carbazole	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	0.39	0.072
Cresol m & p	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.072	0.075
Pentachlorophenol	3.1	<0.25	5.5	1.1	1.9	<0.25	1.9	0.41	3.2
Phenanthrene	<0.05	<0.05	<0.05	<0.05	<0.05	0.2	<0.05	0.33	0.14
Naphthalene	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	0.53	<0.05
Toluene	<0.02	<0.02	<0.02	<0.02	<0.02	0.008	<0.02	<0.02	<0.02
Barium	<1.0	<1.0	<1.0	1.2	3	<1.0	<1.0	1.8	<1.0
Cadmium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper	0.091	<0.05	<0.05	0.2	0.058	<0.05	<0.05	<0.05	0.06
Lead	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Nickel	<0.05	0.067	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05
Vanadium	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Zinc	1.2	14	0.65	1.7	1.3	0.65	0.74	2.2	1.4

Samples were collected by WCM personnel

All samples were reported in milligrams per liter (mg/L) using the TCLP analysis

Samples were collected from SWMU areas 1, 2, & 4 prior to excavation and renovation of the treatment process area

< Less than laboratory reporting limit

All numbers exceeding laboratory limits are shown in BOLD

TABLE J-1a SOIL SAMPLING DATA - TCLP RESULTS
SWMUs 1, 2, 4, and 8
W.C.MEREDITH COMPANY
EAST POINT, GA

Sample I.D.	C4	M11	M11	B3	B3	G9	A3	A3	B4
Sample Depth (inches)	12"	1"	12"	1"	12"	1"	1"	12"	1"
Location	SWMU 1	SWMU 1	SWMU 1	MW-1	MW-1	SWMU 2	SWMU 2	SWMU 2	SWMU 8
Sample Date	9/18/91	9/19/91	9/19/91	9/17/91	9/17/91	9/19/91	9/19/91	9/19/91	9/17/91
2,3,4,6-Tetrachlorophenol	0.079	0.88	0.21	<0.05	<0.05	1.6	<0.05	1.5	<0.05
2,4-Dimethylphenol	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.23	<0.05
Anthracene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	0.19	<0.05	0.095	<0.05	<0.05	0.071	<0.05	<0.05	<0.05
Carbazole	0.15	<0.05	0.18	<0.05	<0.05	0.25	<0.05	0.34	<0.05
Cresol m & p	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.23	<0.05
Fluoranthene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pentachlorophenol	1.2	10	3.9	<0.25	<0.25	12.0	11.0	13.0	0.5
Phenanthrene	0.12	<0.05	0.12	<0.05	<0.05	0.081	<0.05	0.066	<0.05
Naphthalene	<0.05	<0.05	0.16	<0.05	<0.05	3.8	<0.05	0.32	<0.05
Toluene	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Barium	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1
Cadmium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05
Copper	<0.05	0.096	<0.05	<0.05	<0.05	0.094	0.082	0.2	<0.05
Lead	1.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Nickel	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Zinc	8.8	3.9	0.21	0.35	0.24	1.4	3.8	5.9	26.0

Samples were collected by WCM personnel

All samples were reported in milligrams per liter (mg/L) using the TCLP analysis

Samples were collected from SWMU areas 1, 2, & 4 prior to excavation and renovation of the treatment process area

< Less than laboratory reporting limit

All numbers exceeding laboratory limits are shown in BOLD

TABLE J-1b SOIL SAMPLING DATA - COMPARATIVE TOTALS
SWMUs 1, 2, 4, 8
W.C.MEREDITH COMPANY
EAST POINT, GA

Sample I.D.	G7	G7	ZZ7	ZZ7	L25	L25	VV25	VV25	C4
Sample Depth (inches)	1"	12"	1"	12"	1"	12"	1"	12"	1"
Location	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 4	SWMU 1
Sample Date	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91	9/18/91
2,3,4,6-Tetrachlorophenol	3.6	N/A	6.8	1.42	2.8	N/A	N/A	N/A	2.4
2,4-Dimethylphenol	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anthracene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.14	1.14
Acenaphthene	N/A	N/A	N/A	N/A	N/A	3.4	N/A	9.0	4.4
Carbazole	N/A	N/A	N/A	N/A	N/A	2.8	N/A	7.8	1.44
Cresol m & p	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fluoranthene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.44	1.5
Pentachlorophenol	62.0	N/A	110.0	22.0	38.0	N/A	38.0	8.2	64.0
Phenanthrene	N/A	N/A	N/A	N/A	N/A	4.0	N/A	6.6	2.8
Naphthalene	N/A	N/A	N/A	N/A	N/A	2.8	N/A	0.53	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	0.16	N/A	N/A	N/A
Barium	N/A	N/A	N/A	24.0	60.0	N/A	N/A	36.0	N/A
Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Copper	1.82	N/A	N/A	4.0	1.16	N/A	N/A	N/A	1.2
Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nickel	N/A	1.34	N/A	N/A	N/A	N/A	N/A	2.2	N/A
Vanadium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	24.0	280.0	13.0	34.0	26.0	20.0	14.8	44.0	28.0

Samples were collected by WCM personnel

N/A = no value

All samples were reported in milligrams per kilogram (mg/kg)

< Less than laboratory reporting limit

* Limit based on Rules for Hazardous Site Response, Appendix I, 391-3-19

Samples were collected from SWMU areas 1, 2, & 4 prior to excavation and renovation of the treatment process area

Calculated maximum soil concentrations were derived by multiplying TCLP conc. by factor of 20, based on understanding of EPA Method 1311 laboratory protocol

All numbers exceeding laboratory limits are shown in BOLD

TABLE J-1b SOIL SAMPLING DATA - COMPARATIVE TOTALS
SWMUs 1, 2, 4, 8
W.C.MEREDITH COMPANY
EAST POINT, GA

Sample I.D.	C4	M11	M11	B3	B3	G9	A3	A3	B4
Sample Depth (inches)	12"	1"	12"	1"	12"	1"	1"	12"	1"
Location	SWMU 1	SWMU 1	SWMU 1	MW-1	MW-1	SWMU 2	SWMU 2	SWMU 2	SWMU 8
Sample Date	9/18/91	9/19/91	9/19/91	9/17/91	9/17/91	9/19/91	9/19/91	9/19/91	9/17/91
2,3,4,6-Tetrachlorophenol	1.58	17.6	4.2	N/A	N/A	32.0	N/A	30.0	N/A
2,4-Dimethylphenol	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.6	N/A
Anthracene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthene	3.8	N/A	1.9	N/A	N/A	1.42	N/A	N/A	N/A
Carbazole	3.0	N/A	3.6	N/A	N/A	5.0	N/A	6.8	N/A
Cresol m & p	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.6	N/A
Fluoranthene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pentachlorophenol	24.0	200.0	78.0	N/A	N/A	240.0	22.0	260.0	10.0
Phenanthrene	2.4	N/A	2.4	N/A	N/A	1.62	N/A	1.32	N/A
Naphthalene	N/A	N/A	3.2	N/A	N/A	76.0	N/A	6.4	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Barium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.0
Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.4	N/A
Copper	N/A	1.92	N/A	N/A	N/A	1.88	1.64	4.0	N/A
Lead	34.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vanadium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	176.0	78.0	4.2	7.0	4.8	28.0	76.0	118.0	520.0

Samples were collected by WCM personnel

N/A = no value

All samples were reported in milligrams per kilogram (mg/kg)

< Less than laboratory reporting limit

* Limit based on Rules for Hazardous Site Response, Appendix I, 391-3-19

Samples were collected from SWMU areas 1, 2, & 4 prior to excavation and renovation of the treatment process area

Calculated maximum soil concentrations were derived by multiplying TCLP conc. by factor of 20, based on understanding of EPA Method 1311 laboratory protocol

All numbers exceeding laboratory limits are shown in BOLD

**TABLE J-2a SOIL SAMPLING DATA FOR
VOCs, SVOCs, AND METALS FOR SWMU 6
W.C.MEREDITH COMPANY
EAST POINT, GA**

Sample I.D.	SITE A	SITE B	SITE C	SITE D
Sample Depth (inches)	42"	72"	50"	72"
Location	SWMU 6	SWMU 6	SWMU 6	SWMU 6
Sample Date	7/9/02	7/9/02	7/9/02	7/9/02
1, 2, 4-Trimethylbenzene	<0.005	0.348	<0.005	<0.005
1, 3, 5-Trimethylbenzene	<0.005	0.197	<0.005	<0.005
Anthracene	<3.0	7	<3.0	<3.0
Benzo(a)pyrene	<3.0	4	<3.0	<3.0
Benzo(b)fluoranthene	8	10	<3.0	13
Chrysene	5	5	<3.0	3
Fluoranthene	19	10	<3.0	9
Pentachlorophenol	29	41	6	22
Phenanthrene	5	<3.0	<3.0	<3.0
Barium	116	127	154	133
Cadmium	2.9	3.2	5.2	4.3
Chromium	41	46	207	43.8
Copper	41	36.4	55.4	45
Lead	70	46	39	60
Nickel	12.7	15.2	33.3	13.7
Vanadium	51.4	55.3	103	70.3
Zinc	121	124	137	215

Samples were collected by WCM personnel

All samples were reported in milligrams per kilogram mg/Kg

Samples were collected from SWMU #6 after excavation of the cooling pond

< Less than laboratory reporting limit

All numbers exceeding laboratory limits are shown in BOLD

Table J-2B Dioxin Results in Soil**SWMU #4****W.C. Meredith Company****East Point, Georgia****Permit Number: HW-062 (D)**

Sample ID	Date	Native Isomers	Conc (ng/Kg)	RL (ng/Kg)
Site A	7/9/2002	1,2,3,7,8- PeCDD	340	4.8
		1,2,3,4,7,8- HxCDD	1600	4.8
		1,2,3,6,7,8- HxCDD	8600	4.8
		1,2,3,7,8,9- HxCDD	2000	4.8
Site B	7/9/2002	1,2,3,7,8- PeCDD	770	5
		1,2,3,4,7,8- HxCDD	2800	5
		1,2,3,6,7,8- HxCDD	13000	5
		1,2,3,7,8,9- HxCDD	4600	5
Site C	7/9/2002	1,2,3,7,8- PeCDD	30	5
		1,2,3,4,7,8- HxCDD	120	5
		1,2,3,6,7,8- HxCDD	840	5
		1,2,3,7,8,9- HxCDD	230	5
Site D	7/9/2002	1,2,3,7,8- PeCDD	96	5
		1,2,3,4,7,8- HxCDD	840	5
		1,2,3,6,7,8- HxCDD	4200	5
		1,2,3,7,8,9- HxCDD	840	5

Conc= Concentration

ng/Kg= Nanograms per kilogram

RL= Reporting Limit

TABLE J-3 SOIL ANALYTICAL DATA
SWMUs 9 AND 10
W.C. MEREDITH COMPANY
EAST POINT, GA

Well Number	SC-9-1	S-9-2	SC-9-3	SC-10-1	SC-10-2	S-10-4
Depth (inches)	1"	1"	1"	1"	1"	1"
Location	SWMU 9	SWMU 9	SWMU 9	SWMU 10	SWMU 10	SWMU 10
Sample Date	9/14/04	9/14/04	9/14/04	9/14/04	9/14/04	9/14/04
Acenaphthene	< 2.0	< 2.0	< 2.0	3.8	53	< 2.0
Anthracene	< 2.0	< 2.0	6	2.1	110	< 2.0
Benzo[a]anthracene	< 2.0	< 2.0	< 2.0	< 2.0	78	< 2.0
Benzo[a]pyrene	< 2.0	< 2.0	< 2.0	< 2.0	24	< 2.0
Benzo[b]fluoranthene	< 2.0	1.9	< 2.0	< 2.0	39	< 2.0
Benzo[k]fluoranthene	< 2.0	< 2.0	< 2.0	< 2.0	32	< 2.0
Bis(2-Ethylhexyl)phthalate	< 2.0	< 2.0	3.1	< 2.0	< 2.0	2.6
Chrysene	< 2.0	< 2.0	< 2.0	< 2.0	88	< 2.0
Dibenzofuran	< 2.0	< 2.0	< 2.0	< 2.0	31	< 2.0
Fluoranthene	< 2.0	2	4.6	< 2.0	400	< 2.0
Fluorene	< 2.0	< 2.0	< 2.0	9.2	74	< 2.0
Pentachlorophenol	< 10.0	< 10.0	4.9	< 10.0	< 10.0	< 10.0
Phenanthrene	< 2.0	< 2.0	< 2.0	< 2.0	190	< 2.0
Pyrene	< 2.0	1.9	4	4.8	250	< 2.0
Arsenic	9.8	14	8.7	8.4	12	< 8.0
Barium	120	89	98	130	75	70
Chromium	45	42	58	45	130	40
Lead	56	57	49	170	51	< 9.0
TPH - DRO	2,800	60	< 25.0	164	2,400	< 25.0

Samples were collected by GA EPD personnel and analyzed in EPD laboratory

All data reported in milligrams per kilogram (mg/kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory limits are in BOLD

Trace detections of Bis(2-Ethylhexyl)phthalate may be attributed to the use
of latex gloves or other plastic containing sampling equipment during field collection

TABLE J-4A - SOIL ANALYTICAL SUMMARY - VOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SB/TW-25 (SWMU-6)		SB/TW-26 (SWMU-6)		SB/TW-28 (SWMU-4)		SWMU1-1	SWMU1-1B		
Sample Interval	15-16'	28-29'	7-8'	20-21'	7-8'	23-24'	2-3'	7-8'	15-16'	23-24'
Sample Date	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	7/23/12	11/13/12	11/13/12	11/13/12
Test Method	8260		8260		8260		8260	8260		
Soil Composite	Fill	Saprolite	Fill	Fill	Fill	Saprolite	Fill	Fill	Saprolite	Saprolite
Observations	Creosote-like odor	Creosote-like odor	No odor	Creosote-like odor	Septic Like Odor	Creosote-like odor	No odor	No odor	No odor	No odor
1,2,4-Trimethylbenzene	<0.0032	10.0	<0.0078	0.04	0.023	0.0054	<0.01	0.0042	<0.0037	<0.0037
1,3,5-Trimethylbenzene	<0.0032	4.6	<0.0078	0.019	<0.0053	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
1,2-Dichloroethane	<0.0032	<0.0045	<0.0078	<0.0035	<0.0053	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
2-Butanone	<0.032	<0.045	<0.078	<0.035	<0.053	<0.041	<0.1	<0.042	<0.037	<0.037
Acetone	<0.063	<0.091	<0.16	<0.07	<0.11	<0.082	0.30	<0.084	<0.075	<0.075
Benzene	<0.0032	0.021	<0.0078	<0.0035	<0.0053	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
Ethylbenzene	<0.0032	2.0	<0.0078	0.0076	0.01	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
Styrene	<0.0032	0.51	<0.0078	<0.0035	<0.0053	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
Toluene	<0.0032	0.52	<0.0078	<0.0035	<0.0053	<0.0041	<0.01	<0.0042	<0.0037	<0.0037
Xylenes (total)	<0.0064	6.4	<0.0156	0.0182	<0.0106	<0.0082	<0.02	<0.0084	<0.0074	<0.0074
Total VOCs	<0.1238	24.051	<0.3082	0.0848	0.033	0.0054	0.30	0.0042	<0.1453	<0.1453

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

2-Butanone = Methyl Ethyl Ketone

Saprolite = Sandy silt/silty sand; weathered native soil

Xylenes (total) is the sum of m,p-Xylene and o-Xylene

The sum of total VOCs vary based on laboratory detection limits and compound reporting

TABLE J-4A - SOIL ANALYTICAL SUMMARY - VOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU1-1C			SWMU1-1D		SWMU1-2		SWMU1-2B	
Sample Interval	7-8'	15-16'	19-20'	15-16'	19-20'	2-3'	11-12'	7-8'	15-16'
Sample Date	11/13/12	11/13/12	11/13/12	11/13/12	11/13/12	7/23/12	7/23/12	11/13/12	11/13/12
Test Method	8260			8260		8260		8260	
Soil Composite	Fill	Saprolite	Saprolite	Saprolite	Saprolite	Fill	Fill	Fill	Saprolite
Observations	No odor	No odor	No odor	No odor	No odor	Creosote pockets	Creosote like odor	No odor	No odor
1,2,4-Trimethylbenzene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	3.40	<0.0052	<0.0074	<0.0045
1,3,5-Trimethylbenzene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	0.130	<0.0052	<0.0074	<0.0045
1,2-Dichloroethane	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	<0.0046	<0.0052	<0.0074	<0.0045
2-Butanone	<0.059	<0.04	<0.044	<0.04	<0.04	<0.046	<0.052	<0.074	<0.045
Acetone	<0.12	<0.08	<0.088	<0.08	<0.08	0.29	<0.1	<0.15	<0.09
Benzene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	<0.0046	<0.0052	<0.0074	<0.0045
Ethylbenzene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	0.044	<0.0052	<0.0074	<0.0045
Styrene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	<0.0046	<0.0052	<0.0074	<0.0045
Toluene	<0.0059	<0.0040	<0.0044	<0.0040	<0.0040	0.0084	<0.0052	<0.0074	<0.0045
Xylenes (total)	<0.0118	<0.0080	<0.0088	<0.0080	<0.0080	0.1270	<0.0104	<0.0074	<0.009
Total VOCs	<0.2321	<0.156	<0.1716	<0.156	<0.156	3.9994	<0.1936	<0.2906	<0.1755

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

2-Butanone = Methyl Ethyl Ketone

Saprolite = Sandy silt/silty sand; weathered native soil

Xylenes (total) is the sum of m,p-Xylene and o-Xylene

The sum of total VOCs vary based on laboratory detection limits and compound reporting

TABLE J-4A - SOIL ANALYTICAL SUMMARY - VOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU1-3		SWMU1-3B		SWMU1-3C			SWMU4-1	
Sample Interval	1-2'	3-4'	11-12'	19-20'	7-8'	11-12'	19-20'	8-9'	11-12'
Sample Date	7/23/12	7/23/12	11/13/12	11/13/12	11/13/12	11/13/12	11/13/12	7/24/12	7/24/12
Test Method	8260		8260		8260			8260	
Soil Composite	Fill	Fill	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite
Observations	Creosote pockets	Creosote pockets	No odor	No odor	No odor	No odor	No odor	Creosote-like odor	No odor
1,2,4-Trimethylbenzene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
1,3,5-Trimethylbenzene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
1,2-Dichloroethane	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
2-Butanone	<330	<0.04	<0.045	<0.037	<0.048	<0.039	<0.041	<0.039	<0.039
Acetone	<670	<0.079	<0.09	<0.074	<0.096	<0.077	<0.082	<0.079	<0.078
Benzene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
Ethylbenzene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
Styrene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
Toluene	<33	<0.004	<0.0045	<0.0037	<0.0048	<0.0039	<0.0041	<0.0039	<0.0039
Xylenes (total)	<66	<0.008	<0.009	<0.0074	<0.0096	<0.0078	<0.0041	<0.0078	<0.0078
Total VOCs	<1,264	<0.151	<0.1755	<0.1443	<0.1872	<0.1511	<0.1599	<0.1492	<0.1482

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

2-Butanone = Methyl Ethyl Ketone

Saprolite = Sandy silt/silty sand; weathered native soil

Xylenes (total) is the sum of m,p-Xylene and o-Xylene

The sum of total VOCs vary based on laboratory detection limits and compound reporting

TABLE J-4A - SOIL ANALYTICAL SUMMARY - VOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU4-2		SWMU4-2B		SWMU4-2C		SWMU4-3		SWMU4-4	
Sample Interval	11-12'	19-20'	7-8'	11-12'	7-8'	11-12'	3-4'	7-8'	3-4'	7-8'
Sample Date	7/24/12	7/24/12	11/12/12	11/12/12	11/12/12	11/12/12	7/23/12	7/23/12	7/23/12	7/23/12
Test Method	8260		8260		8260		8260		8260	
Soil Composite	Fill	Saprolite	Fill	Fill	Fill	Fill	Fill	Fill	Fill	Fill
Observations	Creosote odor/staining	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor
1,2,4-Trimethylbenzene	5.7	5.8	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
1,3,5-Trimethylbenzene	2.3	3.5	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
1,2-Dichloroethane	<0.0038	<0.0034	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
2-Butanone	<0.038	<0.034	<0.078	<0.031	<0.044	<0.039	<0.049	<0.061	<2.1	<0.049
Acetone	0.11	0.16	0.17	<0.062	<0.087	<0.078	<0.099	<0.12	<4.2	0.12
Benzene	0.0089	0.017	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
Ethylbenzene	0.12	1.0	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
Styrene	<0.0038	<0.0034	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
Toluene	0.065	0.600	<0.0078	<0.0031	<0.0044	<0.0039	<0.0049	<0.0061	<0.21	<0.0049
Xylenes (total)	3.2	5.2	<0.0156	<0.0062	<0.0088	<0.0078	<0.0098	<0.012	<0.42	<0.0098
Total VOCs	11.5039	16.277	0.17	<0.1209	<0.1706	<0.1521	<0.1872	<0.2298	<7.98	0.12

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

2-Butanone = Methyl Ethyl Ketone

Saprolite = Sandy silt/silty sand; weathered native soil

Xylenes (total) is the sum of m,p-Xylene and o-Xylene

The sum of total VOCs vary based on laboratory detection limits and compound reporting

TABLE J-4A - SOIL ANALYTICAL SUMMARY - VOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU4-5		SWMU6-1	SWMU6-2	SWMU6-3		SWMU6-4		SWMU8-1
Sample Interval	3-4'	7-8'	11.5-12.5'	11-12'	7-8'	19-20'	11-12'	27-28'	2-3'
Sample Date	7/23/12	7/23/12	7/24/12	7/26/12	7/26/12	7/26/12	7/25/12	7/25/12	7/24/12
Test Method	8260		8260	8260	8260		8260		8260
Soil Composite	Fill	Fill	Fill	Fill	Fill	Saprolite	Saprolite	Saprolite	Fill
Observations	No odor	No odor	Slight creosote-like odor	No odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	No odor
1,2,4-Trimethylbenzene	<0.0048	<0.0053	<0.16	<0.0046	18.0	0.062	13.0	11.0	<0.0042
1,3,5-Trimethylbenzene	<0.0048	<0.0053	<0.16	<0.0046	7.6	0.03	5.5	5.1	<0.0042
1,2-Dichloroethane	<0.0048	<0.0053	<0.16	<0.0046	<2.2	<0.0037	<2.4	<2.6	<0.0042
2-Butanone	<0.048	<0.053	<1.6	<0.046	<22	<0.037	<24	<26	<0.42
Acetone	<0.097	<0.110	<3.3	0.17	<45	<0.073	<48	<53	<0.084
Benzene	<0.0048	<0.0053	<0.16	<0.0046	<2.2	0.015	<2.4	<2.6	<0.0042
Ethylbenzene	<0.0048	<0.0053	<0.16	<0.0046	2.7	0.024	<2.4	<2.6	<0.0042
Styrene	<0.0048	<0.0053	<0.16	<0.0046	<2.2	0.0092	<2.4	<2.6	<0.0042
Toluene	<0.0048	<0.0053	<0.16	<0.0046	<2.2	0.04	<2.4	<2.6	<0.0042
Xylenes (total)	<0.0096	<0.0106	<0.32	<0.0092	11.9	0.091	7.1	8.50	<0.0084
Total VOCs	<0.1834	<0.205	<6.18	0.17	40.2	0.2712	25.6	24.6	<0.5376

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

2-Butanone = Methyl Ethyl Ketone

Saprolite = Sandy silt/silty sand; weathered native soil

Xylenes (total) is the sum of m,p-Xylene and o-Xylene

The sum of total VOCs vary based on laboratory detection limits and compound reporting

TABLE J-4B - SOIL ANALYTICAL SUMMARY - SVOCs
REVISED PHASE 2 PROGRESS REPORT
WILLIAM C. MEREDITH COMPANY, INC.
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Sample ID	SB/TW-24 (HWMU)		SB/TW-25 (SWMU 6)		SB/TW-26 (SWMU 6)		SB/TW-28 (SWMU 4)		SWMU1-1	SWMU1-1B		
Sample Interval	15-16'	35-36'	15-16'	28-29'	7-8'	20-21'	7-8'	23-24'	2-3'	7-8'	15-16'	23-24'
Sample Date	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	7/23/12	11/13/12	11/13/12	11/13/12
Test Method	8270		8270		8270		8270		8270	8270	8270	8270
Soil Description	Fill	Saprolite	Fill	Saprolite	Fill	Fill	Fill	Saprolite	Fill	Fill	Saprolite	Saprolite
Observations	No odor	No odor	Creosote-like odor	Creosote-like odor	No odor	Creosote-like odor	Septic Like Odor	Creosote-like odor	No odor	No odor	No odor	No odor
2,3,4,6-Tetrachlorophenol	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	<0.41	<0.32	<0.41	<0.40	<0.41
2,4-Dimethylphenol	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	<0.41	<0.32	<0.41	<0.40	<0.41
2-Methylnaphthalene	<0.42	<0.55	<0.42	6.9	<0.46	51	7.7	15	<0.32	<0.41	<0.40	<0.41
3,4-Methylphenol	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	<0.41	<0.32	<0.41	<0.40	<0.41
Acenaphthene	<0.42	<0.55	<0.42	6.5	<0.46	39	7.4	1.5	<0.32	<0.41	<0.40	<0.41
Acenaphthylene	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	0.43	<0.32	<0.41	<0.40	<0.41
Anthracene	<0.42	<0.55	<0.42	2.7	<0.46	23	2.4	2.1	<0.32	<0.41	<0.40	<0.41
Benzo(a)anthracene	<0.42	<0.55	<0.42	1.3	<0.46	4.3	0.79	2	12.0	<0.41	<0.40	<0.41
Benzo(a)pyrene	<0.42	<0.55	<0.42	0.43	<0.46	1.3	0.49	<0.41	19.0	<0.41	<0.40	<0.41
Benzo(b)fluoranthene	<0.42	<0.55	<0.42	0.76	0.61	2.0	0.93	0.89	28.0	<0.41	<0.40	<0.41
Benzo(k)fluoranthene	<0.42	<0.55	<0.42	<0.42	<0.46	0.72	<0.41	<0.41	31.0	<0.41	<0.40	<0.41
Carbazole	<0.42	<0.55	<0.42	2.4	<0.46	11	0.43	<0.41	<0.32	<0.41	<0.40	<0.41
Chrysene	<0.42	<0.55	<0.42	1.1	<0.46	3.6	0.93	1.9	18.0	<0.41	<0.40	<0.41
Dibenz(a,h)anthracene	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	<0.41	<0.32	<0.41	<0.40	<0.41
Dibenzofuran	<0.42	<0.55	<0.42	5.0	<0.46	29	4.9	9.3	<0.32	<0.41	<0.40	<0.41
Fluoranthene	<0.42	<0.55	<0.42	6.3	<0.46	28	6.3	14	15.0	<0.41	<0.40	<0.41
Fluorene	<0.42	<0.55	<0.42	5.7	<0.46	34	7.3	6.1	<0.32	<0.41	<0.40	<0.41
Indeno(1,2,3-cd)pyrene	<0.42	<0.55	<0.42	<0.42	<0.46	<0.4	<0.41	<0.41	8.8	<0.41	<0.40	<0.41
Naphthalene	<0.42	<0.55	<0.42	24	<0.46	180	24	19	<0.32	<0.41	<0.40	<0.41
Pentachlorophenol	<2.2	<2.9	<2.1	<2.2	<2.3	<2.1	<2.1	5.8	<17.0	<2.1	4.3	<2.1
Phenanthrene	<0.42	<0.55	<0.42	14	<0.46	67	20	31	4.3	<0.41	<0.40	<0.41
Pyrene	<0.42	<0.55	<0.42	3.9	<0.46	15.0	3.7	7.2	12.0	<0.41	<0.40	<0.41
TOTAL SVOCs	<11.02	<14.45	<10.92	80.99	0.61	488.92	87.27	116.22	148.1	<10.71	4.3	<10.71

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

All numbers exceeding laboratory reporting limits are shown in **BOLD**

The sum of total SVOCs vary based on laboratory detection limits and compound reporting

< Less than L; < Less than laboratory reporting limit

Saprolite = Se Saprolite = Sandy silt/silty sand; weathered native soil

TABLE J-4B - SOIL ANALYTICAL SUMMARY - SVOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU1-1C			SWMU1-1D		SWMU1-2		SWMU1-2B	
Sample Interval	7-8'	15-16'	19-20'	15-16'	19-20'	2-3'	11-12'	7-8'	15-16'
Sample Date	11/13/12	11/13/12	11/13/12	11/13/12	11/13/12	7/23/12	7/23/12	11/13/12	11/13/12
Test Method	8270	8270	8270	8270		8270		8270	
Soil Description	Fill	Saprolite	Saprolite	Saprolite	Saprolite	Fill	Fill	Fill	Saprolite
Observations	No odor	No odor	No odor	No odor	No odor	Creosote pockets	Creosote-like odor	No odor	No odor
2,3,4,6-Tetrachlorophenol	<0.42	<0.41	<0.41	<0.42	<0.42	23.0	<0.42	<0.40	<0.37
2,4-Dimethylphenol	<0.42	<0.41	<0.41	<0.42	<0.42	<2.1	<0.42	<0.40	<0.37
2-Methylnaphthalene	<0.42	<0.41	<0.41	<0.42	<0.42	38.0	<0.42	<0.40	<0.37
3,4-Methylphenol	<0.42	<0.41	<0.41	<0.42	<0.42	<2.1	<0.42	<0.40	<0.37
Acenaphthene	<0.42	<0.41	<0.41	<0.42	<0.42	53.0	<0.42	<0.40	<0.37
Acenaphthylene	<0.42	<0.41	<0.41	<0.42	<0.42	2.8	<0.42	<0.40	<0.37
Anthracene	<0.42	<0.41	<0.41	<0.42	<0.42	95.0	<0.42	<0.40	<0.37
Benzo(a)anthracene	<0.42	<0.41	<0.41	<0.42	<0.42	26.0	<0.42	<0.40	<0.37
Benzo(a)pyrene	<0.42	<0.41	<0.41	<0.42	<0.42	12.0	<0.42	<0.40	<0.37
Benzo(b)fluoranthene	<0.42	<0.41	<0.41	<0.42	<0.42	21.0	<0.42	<0.40	<0.37
Benzo(k)fluoranthene	<0.42	<0.41	<0.41	<0.42	<0.42	6.4	<0.42	<0.40	<0.37
Carbazole	<0.42	<0.41	<0.41	<0.42	<0.42	33.0	<0.42	<0.40	<0.37
Chrysene	<0.42	<0.41	<0.41	<0.42	<0.42	30.0	<0.42	<0.40	<0.37
Dibenz(a,h)anthracene	<0.42	<0.41	<0.41	<0.42	<0.42	<2.1	<0.42	<0.40	<0.37
Dibenzofuran	<0.42	<0.41	<0.41	<0.42	<0.42	39.0	<0.42	<0.40	<0.37
Fluoranthene	<0.42	<0.41	<0.41	<0.42	<0.42	120.0	<0.42	<0.40	<0.37
Fluorene	<0.42	<0.41	<0.41	<0.42	<0.42	57.0	<0.42	<0.40	<0.37
Indeno(1,2,3-cd)pyrene	<0.42	<0.41	<0.41	<0.42	<0.42	4.8	<0.42	<0.40	<0.37
Naphthalene	<0.42	<0.41	<0.41	<0.42	<0.42	63.0	<0.42	<0.40	<0.37
Pentachlorophenol	<2.2	<2.1	<2.1	<2.2	<2.2	<1,100	<2.2	<2.1	<1.9
Phenanthrene	<0.42	<0.41	<0.41	<0.42	<0.42	160.0	<0.42	<0.40	<0.37
Pyrene	<0.42	<0.41	<0.41	<0.42	<0.42	68.0	<0.42	<0.40	<0.37
TOTAL SVOCs	<11.02	<10.71	<10.71	<11.02	<11.02	852.0	<11.02	<10.5	<9.67

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

All numbers exceeding laboratory reporting limits are shown in **BOLD**

The sum of total SVOCs vary based on laboratory detection limits and compound reporting

< Less than laboratory reporting limit

Saprolite = Sandy silt/silty sand; weathered native soil

TABLE J-4B - SOIL ANALYTICAL SUMMARY - SVOCs
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID	SWMU1-3		SWMU1-3B		SWMU1-3C			SWMU4-1	
Sample Interval	1-2'	3-4'	11-12'	19-20'	7-8'	11-12'	19-20'	8-9'	11-12'
Sample Date	7/23/12	7/23/12	11/13/12	11/13/12	11/13/12	11/13/12	11/13/12	7/24/12	7/24/12
Test Method	8270		8270		8270			8270	
Soil Description	Fill	Fill	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite	Saprolite
Observations	Creosote pockets	Creosote pockets	No odor	No odor	No odor	No odor	No odor	Creosote-like odor	No odor
2,3,4,6-Tetrachlorophenol	26.0	2.8	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
2,4-Dimethylphenol	<2.1	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
2-Methylnaphthalene	180.0	10.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
3,4-Methylphenol	<2.1	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Acenaphthene	110.0	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	1.2	<0.43
Acenaphthylene	3.7	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Anthracene	300.0	74.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Benzo(a)anthracene	70.0	7.4	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Benzo(a)pyrene	18.0	3.1	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Benzo(b)fluoranthene	62.0	6.5	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Benzo(k)fluoranthene	14.0	2.8	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Carbazole	150.0	17.0	<0.40	<0.42	<0.43	<0.40	<0.39	0.49	<0.43
Chrysene	78.0	12.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Dibenz(a,h)anthracene	<2.1	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Dibenzofuran	180.0	11.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Fluoranthene	440.0	44.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Fluorene	91.0	6.1	<0.40	<0.42	<0.43	<0.40	<0.39	0.63	<0.43
Indeno(1,2,3-cd)pyrene	8.0	<1.9	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Naphthalene	380.0	4.5	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
Pentachlorophenol	<1,100	120.0	<2.1	<2.1	<2.2	<2.1	<2.0	<2.3	<2.2
Phenanthrene	740.0	63.0	<0.40	<0.42	<0.43	<0.40	<0.39	0.46	<0.43
Pyrene	250.0	23.0	<0.40	<0.42	<0.43	<0.40	<0.39	<0.44	<0.43
TOTAL SVOCs	3,100.7	407.2	<10.5	<10.92	<11.23	<10.5	<10.19	2.78	<11.23

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

All numbers exceeding laboratory reporting limits are shown in **BOLD**

The sum of total SVOCs vary based on laboratory detection limits and compound reporting

< Less than laboratory reporting limit

Saprolite = Sandy silt/silty sand; weathered native soil

TABLE J-4B - SOIL ANALYTICAL SUMMARY - SVOCs
REVISED PHASE 2 PROGRESS REPORT
WILLIAM C. MEREDITH COMPANY, INC.
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Sample ID	SWMU4-2		SWMU4-2B		SWMU4-2C		SWMU4-3		SWMU4-4	
Sample Interval	11-12'	19-20'	7-8'	11-12'	7-8'	11-12'	3-4'	7-8'	3-4'	7-8'
Sample Date	7/24/12	7/24/12	11/12/12	11/12/12	11/12/12	11/12/12	7/23/12	7/23/12	7/23/12	7/23/12
Test Method	8270		8270		8270		8270		8270	
Soil Description	Fill	Saprolite	Fill	Fill	Fill	Fill	Fill	Fill	Fill	Fill
Observations	Creosote odor/staining	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor
2,3,4,6-Tetrachlorophenol	22.0	1.6	<0.42	<0.42	<0.46	<0.45	1.2	<0.47	<0.45	<0.45
2,4-Dimethylphenol	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
2-Methylnaphthalene	68.0	14.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
3,4-Methylphenol	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Acenaphthene	59.0	9.8	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Acenaphthylene	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Anthracene	36.0	6.2	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Benzo(a)anthracene	12.0	1.8	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Benzo(a)pyrene	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Benzo(b)fluoranthene	5.7	0.61	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Benzo(k)fluoranthene	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Carbazole	14.00	6.1	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Chrysene	13.0	1.9	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Dibenz(a,h)anthracene	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Dibenzofuran	49.0	11.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Fluoranthene	88.0	15.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Fluorene	62.00	12.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Indeno(1,2,3-cd)pyrene	<4.2	<0.41	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Naphthalene	110.0	27.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Pentachlorophenol	560.0	18.0	<2.2	<2.2	<2.4	<2.3	<2.1	<2.4	<2.3	<2.3
Phenanthrene	150.0	32.0	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
Pyrene	49.0	8.8	<0.42	<0.42	<0.46	<0.45	<0.41	<0.47	<0.45	<0.45
TOTAL SVOCs	1,297.7	165.81	<11.02	<11.02	<12.06	<11.75	1.2	<12.27	<11.75	<11.75

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

All numbers exceeding laboratory reporting limits are shown in **BOLD**

The sum of total SVOCs vary based on laboratory detection limits and compound reporting

< Less than laboratory reporting limit

Saprolite = Sandy silt/silty sand; weathered native soil

TABLE J-4B - SOIL ANALYTICAL SUMMARY - SVOCs
REVISED PHASE 2 PROGRESS REPORT
WILLIAM C. MEREDITH COMPANY, INC.
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Sample ID	SWMU4-5		SWMU6-1	SWMU6-2	SWMU6-3		SWMU6-4		SWMU8-1
Sample Interval	3-4'	7-8'	11.5-12.5'	11-12'	7-8'	19-20'	11-12'	27-28'	2-3'
Sample Date	7/23/12	7/23/12	7/24/12	7/26/12	7/26/12	7/26/12	7/25/12	7/25/12	7/24/12
Test Method	8270		8270	8270	8270		8270		8270
Soil Description	Fill	Fill	Fill	Fill	Fill	Saprolite	Saprolite	Saprolite	Fill
Observations	No odor	No odor	Slight creosote-like odor	No odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	No odor
2,3,4,6-Tetrachlorophenol	<0.41	<0.46	<0.35	<0.41	19.0	4.7	16.0	1.9	<0.39
2,4-Dimethylphenol	<0.41	<0.46	<0.35	<0.41	<2.1	0.54	<2.2	<2.6	<0.39
2-Methylnaphthalene	<0.41	<0.46	<0.35	<0.41	1,400.0	11.0	300.0	280.0	<0.39
3,4-Methylphenol	<0.41	<0.46	<0.35	<0.41	<2.1	<0.41	<2.2	<2.6	<0.39
Acenaphthene	<0.41	<0.46	<0.35	<0.41	1,200.0	12.0	260.0	150.0	<0.39
Acenaphthylene	<0.41	<0.46	<0.35	<0.41	13.0	<0.41	7.5	2.6	<0.39
Anthracene	<0.41	<0.46	<0.35	0.84	1,100.0	4.4	120.0	48.0	<0.39
Benzo(a)anthracene	<0.41	<0.46	<0.35	0.61	170.0	2.5	32.0	13.0	<0.39
Benzo(a)pyrene	<0.41	<0.46	<0.35	<0.41	52.0	0.73	8.9	3.1	<0.39
Benzo(b)fluoranthene	<0.41	<0.46	<0.35	<0.41	72.0	1.20	19.0	4.60	<0.39
Benzo(k)fluoranthene	<0.41	<0.46	<0.35	<0.41	10.0	0.57	<2.2	1.80	<0.39
Carbazole	<0.41	<0.46	<0.35	<0.41	530.0	2.7	69.0	24.0	<0.39
Chrysene	<0.41	<0.46	<0.35	0.63	170.0	2.5	29.0	13.0	<0.39
Dibenz(a,h)anthracene	<0.41	<0.46	<0.35	<0.41	<2.1	<0.41	<2.2	<2.6	<0.39
Dibenzofuran	<0.41	<0.46	<0.35	<0.41	980.0	8.5	200.0	120.0	<0.39
Fluoranthene	<0.41	<0.46	<0.35	3.4	1,500.0	16.0	260.0	100.0	<0.39
Fluorene	<0.41	<0.46	<0.35	<0.41	1,200.0	12.0	250.0	120.0	<0.39
Indeno(1,2,3-cd)pyrene	<0.41	<0.46	<0.35	<0.41	7.3	<0.41	2.4	0.71	<0.39
Naphthalene	<0.41	<0.46	<0.35	<0.41	3,800.0	29.0	900.0	1,000.0	<0.39
Pentachlorophenol	<2.1	<2.4	<1.8	<2.1	29.0	3.1	280.0	<25.0	<2.0
Phenanthrene	<0.41	<0.46	<0.35	0.82	3,300.0	29.0	620.0	270.0	<0.39
Pyrene	<0.41	<0.46	<0.35	2.1	830.0	9.8	150.0	53.0	<0.39
TOTAL SVOCs	<10.71	<12.06	<9.15	8.4	16,382.3	150.24	3,523.8	2,205.71	<10.19

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

All numbers exceeding laboratory reporting limits are shown in **BOLD**

The sum of total SVOCs vary based on laboratory detection limits and compound reporting

< Less than laboratory reporting limit

Saprolite = Sandy silt/silty sand; weathered native soil

TABLE J-4C - SOIL ANALYTICAL SUMMARY - METALS
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID			SWMU1-1	SWMU1-2		SWMU1-3		SWMU4-1	
Sample Interval			2-3'	2-3'	11-12'	1-2'	3-4'	8-9'	11-12'
Sample Date			7/23/12	7/23/12	7/23/12	7/23/12	7/23/12	7/24/12	7/24/12
Test Method			6010	6010		6010		6010	
Soil Description			Fill	Fill	Fill	Fill	Fill	Saprolite	Saprolite
Observations	Range in Georgia	Average in Georgia	No odor	Creosote pockets	Creosote-like odor	Creosote pockets	Creosote pockets	Creosote-like odor	No odor
Arsenic	0 - 29.0	4.58	25.9	103.0	<5.92	65.8	115.0	<6.52	<6.09
Barium	15 - 500	251.36	157.0	73.6	57.4	101.0	70.9	45.5	29.5
Chromium	5 - 100	36.88	610.0	550.0	83.1	228.0	353.0	52.5	147.0
Cobalt	0 - 20	4.3	9.54	6.15	11.50	7.17	6.5	7.03	5.77
Copper	2 - 100	18.36	179.0	57.3	83.5	60.5	58.1	17.5	41.1
Lead	0 - 300	20.76	64.0	46.9	9.7	35.3	26.0	11.0	17.3
Nickel	0 - 50	11.52	22.2	10.5	8.7	12.9	14.4	<6.52	20.0
Vanadium	0 - 150	43.48	154.0	104.0	112.0	125.0	141.0	49.0	182.0
Zinc	0 - 400	35.91	3,780.0	1,730.0	50.9	1,060.0	2,230.0	14.1	21.0

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event range from 0.1 mg/Kg for Selenium and 0.05 mg/Kg for Cadmium. Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-4C - SOIL ANALYTICAL SUMMARY - METALS
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID			SWMU4-2		SWMU4-3		SWMU4-4		SWMU4-5		SWMU6-1
Sample Interval			11-12'	19-20'	3-4'	7-8'	3-4'	7-8'	3-4'	7-8'	11.5-12.5'
Sample Date			7/24/12	7/24/12	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12	7/24/12
Test Method			6010		6010		6010		6010		6010
Soil Description			Fill	Saprolite	Fill	Fill	Fill	Fill	Fill	Fill	Fill
Observations	Range in Georgia	Average in Georgia	Creosote odor/staining	No odor	No odor	No odor	No odor	No odor	No odor	No odor	Slight creosote-like odor
Arsenic	0 - 29.0	4.58	<6.17	<5.77	<6.06	<6.98	<6.28	<6.42	<6.16	<6.65	<5.22
Barium	15 - 500	251.36	97.8	36.7	20.2	210.0	85.7	101.0	11.3	38.3	56.7
Chromium	5 - 100	36.88	68.1	148.0	47.1	74.4	99.1	68.9	48.0	25.6	11.4
Cobalt	0 - 20	4.3	12.40	8.81	4.25	10.6	7.62	10.9	3.55	6.73	4.36
Copper	2 - 100	18.36	53.6	60.1	34.8	92.9	45.5	87.5	28.7	31.2	10.4
Lead	0 - 300	20.76	81.9	15.1	13.5	38.7	32.8	26.3	14.1	16.9	<5.22
Nickel	0 - 50	11.52	14.0	9.27	<6.06	22.6	9.71	17.3	8.43	17.1	5.34
Vanadium	0 - 150	43.48	83.2	115.0	138.0	127.0	92.3	170.0	124.0	67.9	17.9
Zinc	0 - 400	35.91	401.0	43.7	20.5	74.0	121.0	71.6	48.4	28.8	30.4

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-4C - SOIL ANALYTICAL SUMMARY - METALS
 REVISED PHASE 2 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID			SWMU6-2	SWMU6-3		SWMU6-4		SWMU8-1
Sample Interval			11-12'	7-8'	19-20'	11-12'	27-28'	2-3'
Sample Date			7/26/12	7/26/12	7/26/12	7/25/12	7/25/12	7/24/12
Test Method			6010	6010		6010		6010
Soil Description			Fill	Fill	Saprolite	Saprolite	Saprolite	Fill
Observations	Range in Georgia	Average in Georgia	No odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	No odor
Arsenic	0 - 29.0	4.58	<6.25	<5.99	<5.87	166.0	<7.12	<5.71
Barium	15 - 500	251.36	27.8	183.0	22.3	40.4	186.0	33.2
Chromium	5 - 100	36.88	46.0	127.0	59.4	181.0	66.4	68.2
Cobalt	0 - 20	4.3	5.18	35.50	3.84	11.1	14.3	4.55
Copper	2 - 100	18.36	31.4	70.5	30.2	43.3	54.2	39.5
Lead	0 - 300	20.76	22.1	31.8	13.0	29.5	13.7	22.9
Nickel	0 - 50	11.52	9.37	34.6	6.06	11.1	39.0	9.36
Vanadium	0 - 150	43.48	119.0	130.0	131.0	68.6	104.0	165.0
Zinc	0 - 400	35.91	37.7	153.0	120.0	567.0	161.0	20.4

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-4D - SOIL ANALYTICAL SUMMARY - DIOXINS
REVISED PHASE 2 PROGRESS REPORT
WILLIAM C. MEREDITH COMPANY, INC.
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

SAMPLE I.D. AND INTERVAL	DATE	PENTA CDD	HEXA CDD	HEXA CDF	HEPA CDD	HEPA CDF	PENTA CDF	TCDD	TCDF
SB/TW-26 @ 20-21' (SWMU 6)	11/12/2013	<0.0025	<0.0025	<0.0025	0.0059	<0.0025	<0.0025	<0.001	<0.001
SB/TW-28 @ 11-12' (SWMU 4)	11/12/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.001	<0.001
SWMU1-3B* @ 19-20' (SWMU 1)	11/12/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.001	<0.001

Notes:

All results are reported in milligrams per kilogram (mg/kg).

* SWMU1-3B is listed as SWMU-3B on the analytical report.

Table J-4E. Groundwater Analytical Summary

Sample ID	SWMU1-3B	TW-25 (SWMU 6)	TW-26 (SWMU 6)	TW-28 (SWMU 4)
Sample Date	11-14-12	11-14-12	11-14-12	11-14-12
Benzene	<1.0	57	2	1.1
Toluene	7.8	71	29	1.0
Ethylbenzene	1.5	89	69	9.6
Total Xylenes	8.0	262	160	50
Styrene	<1.0	16	12	<1.0
1,3,5-Trimethylbenzene	<1.0	45	53	46
1,2,4-Trimethylbenzene	2.7	120	120	120
TOTAL VOCs	20.0	660.0	445.0	227.7
2,3,4,6-Tetrachlorophenol	<10	95	36	21
2,4-Dimethylphenol	<10	21	<10	<10
2-Methylnaphthalene	12	1,100	1,000	940
2-Methylphenol	<10	130	<10	<10
3,4-Methylphenol	<10	57	<10	<10
Acenaphthene	<10	450	260	97
Acenaphthylene	<10	18	<10	<10
Anthracene	<10	60	24	18
Benz(a)anthracene	<10	16	<10	<10
Benzo(b)fluoranthene	<10	11	<10	<10
Carbazole	16	380	280	100
Chrysene	<10	13	<10	<10
Dibenzofuran	12	320	230	270
Fluoranthene	<10	110	11	28
Fluorene	<10	250	130	120
Naphthalene	24	13,000	11,000	4,500
Pentachlorophenol	71	360	550	570
Phenanthrene	27	360	120	220
Pyrene	<10	59	<10	13
TOTAL SVOCs	162.0	16,810	13,641	6,897

Notes:

Total Xylenes are the sum of m,p-Xylene and o-Xylene.

Detections are shown in **bold**.

Groundwater Protection Standards are not listed on this table; however, they are currently set to background levels.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				TW-1			TW-2		TW-3		TW-4	
Sample Interval				11-12'	15-16'	19-20'	3-4'	19-20'	15-16'	30'	11-12'	16-17'
Sample Date				10/27/11	10/28/11	10/28/11	10/28/11	10/28/11	10/28/11	10/28/11	10/27/11	10/27/11
Test Method				6010			6010		6010		6010	
Soil Description				Fill	Fill	Fill	Fill	Fill	Fill	Saprolite	Fill	Saprolite
Observations	Range in Georgia	Average in Georgia	Background	No odor	Septic-like odor	Septic-like odor	Creosote-like odor	No odor	Product staining	Black Staining	Black Staining	Creosote-like odor
Arsenic	0 - 29.0	4.58	12.79	<6.37	<5.99	<5.56	<5.90	<5.90	<6.26	<5.94	<6.23	<5.79
Barium	15 - 500	251.36	144.40	58.4	77.1	148.0	174.0	152.0	98.5	83.1	157.0	179.0
Chromium	5 - 100	36.88	141.07	57.6	87.7	59.5	86.2	63.5	71.0	34.4	45.8	42.9
Cobalt	0 - 20	4.3	24.46	12.4	13.5	15.6	48.1	28.4	24.4	<2.97	11.3	11.0
Copper	2 - 100	18.36	94.13	44.1	38.3	64.0	84.7	55.1	61.3	21.8	50.5	27.8
Lead	0 - 300	20.76	59.93	21.2	12.1	10.7	16.5	17.7	19.7	12.6	46.4	31.8
Nickel	0 - 50	11.52	39.66	14.4	14.4	24.3	44.8	26.9	25.5	5.99	17.3	17.0
Vanadium	0 - 150	43.48	166.07	147.0	115.0	95.0	135.0	114.0	126.0	56.4	53.0	51.6
Zinc	0 - 400	35.91	147.47	47.2	44.1	130.0	108.0	76.2	72.6	64.4	79.9	73.7

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)- parts per million

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections exceeding background concentrations are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				TW-5		TW-6			TW-7		DUP (TW-7)*
Sample Interval				11-12'	17-18'	19.5-20'	21-24'	25-28'	7-8'	19-20'	19-20'
Sample Date				10/27/11	10/27/11	10/27/11	10/27/11	10/27/11	10/26/11	10/26/11	10/26/11
Test Method				6010		6010			6010		6010
Soil Description				Fill	Fill	Fill	Fill	Saprolite	Fill	Saprolite	Saprolite
Observations	Range in Georgia	Average in Georgia	Background	Septic-like odor	No odor	Creosote-like odor	Creosote staining	Less odor	Diesel-like odor	Slight odor	Slight odor
Arsenic	0 - 29.0	4.58	12.79	<5.85	<5.39	<5.57	<6.66	<5.98	<6.03	<6.35	<6.40
Barium	15 - 500	251.36	144.40	144.0	177.0	153.0	119.0	113.0	105.0	138.0	143.0
Chromium	5 - 100	36.88	141.07	46.3	48.6	27.2	30.7	73.9	33.9	<3.18	<3.20
Cobalt	0 - 20	4.3	24.46	13.1	10.6	8.08	8.44	9.85	5.69	9.45	10.7
Copper	2 - 100	18.36	94.13	25.7	32.0	21.1	27.7	30.0	17.0	16.5	18.4
Lead	0 - 300	20.76	59.93	22.8	16.4	109.0	67.3	8.97	34.3	17.3	17.2
Nickel	0 - 50	11.52	39.66	13.2	19.7	6.21	9.09	14.1	6.26	<6.35	<6.40
Vanadium	0 - 150	43.48	166.07	63.3	61.1	83.8	46.5	62.1	39.9	31.7	32.0
Zinc	0 - 400	35.91	147.47	56.5	65.7	152.0	103.0	74.9	79.6	52.8	56.0

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

* Duplicate of TW-7 at 19-20' is recorded in the laboratory report as TW-50 @19-20

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections exceeding background concentrations are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				TW-8			TW-9		TW-10		TW-11	
Sample Interval				7'	11-12'	23-24'	9.5'	19-20'	11.5-12'	19.5-20'	22'	30-31'
Sample Date				10/27/11	10/27/11	10/27/11	10/26/11	10/26/11	10/26/11	10/26/11	10/28/11	10/28/11
Test Method				6010			6010		6010		6010	
Soil Description				Fill	Saprolite	Saprolite	Fill	Saprolite	Saprolite	Saprolite	Fill	Saprolite
Observations	Range in Georgia	Average in Georgia	Background	Slight odor	Creosote-like odor	Slight odor	Creosote staining	No odor	Creosote staining	Creosote-like odor	Product; heavy odor/staining	Product
Arsenic	0 - 29.0	4.58	12.79	<5.56	<5.74	<6.19	<5.82	<5.44	22.5	<5.88	<6.01	<5.93
Barium	15 - 500	251.36	144.40	109.0	175.0	359.0	96.6	171.0	101.0	195.0	70.6	228
Chromium	5 - 100	36.88	141.07	32.2	57.4	78.5	16.3	71.5	44.4	52.7	43.9	61.4
Cobalt	0 - 20	4.3	24.46	14.6	20.8	30.0	5.54	94.8	8.82	17.8	3.38	30.0
Copper	2 - 100	18.36	94.13	36.6	33.1	25.5	14.8	24.8	40.9	74.8	25.7	45.9
Lead	0 - 300	20.76	59.93	45.6	13.4	21.7	<5.82	18.3	78.4	16.0	13.3	22.5
Nickel	0 - 50	11.52	39.66	25.7	29.3	31.9	7.74	46.4	14.0	28.5	8.42	25.6
Vanadium	0 - 150	43.48	166.07	66.8	73.3	111.0	24.3	45.8	80.4	115.0	81.9	93.1
Zinc	0 - 400	35.91	147.47	74.6	76.7	151.0	34.1	136.0	79.2	122.0	133.0	247.0

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				TW-12		TW-13*	TW-14*	TW-15*	TW-16*	TW-17*	TW-19*	
Sample Interval				11-12'	19-20'	31-32'	32-33'	7-8'	26-27'	17-18'	15-16'	35-36'
Sample Date				10/28/11	10/28/11	7/24/12	7/24/12	7/24/12	7/25/12	7/26/12	7/26/12	7/26/12
Test Method				6010		6010	6010	6010	6010	6010	6010	
Soil Description				Fill	Fill	Fill	Saprolite	Fill	Saprolite	Saprolite	Fill	Saprolite
Observations	Range in Georgia	Average in Georgia	Background	Creosote Staining	No odor	Creosote odor/staining	Creosote-like odor	No odor	Creosote odor/staining	No odor	Slight creosote-like odor	Slight creosote-like odor
Arsenic	0 - 29.0	4.58	12.79	<6.79	<6.43	15.4	<5.8	<6.69	<6.87	<6.17	<5.92	<5.8
Barium	15 - 500	251.36	144.40	204.0	68.6	46.9	97.7	225.0	204.0	122.0	53.1	347.0
Chromium	5 - 100	36.88	141.07	58.3	46.0	74.8	39.9	60.8	52.6	49.7	77.0	57.1
Cobalt	0 - 20	4.3	24.46	14.2	4.75	6.64	4.60	14.1	753.0	15.5	6.79	24.8
Copper	2 - 100	18.36	94.13	31.5	23.6	19.2	29.8	34.3	84.6	46.0	38.1	36.8
Lead	0 - 300	20.76	59.93	24.7	24.5	65.8	7.73	19.80	14.7	<6.17	17.2	11.0
Nickel	0 - 50	11.52	39.66	27.0	<6.43	7.65	10.9	25.0	49.2	22.6	12.1	38.1
Vanadium	0 - 150	43.48	166.07	57.0	114.0	29.1	33.7	62.6	77.0	87.1	103.0	86.0
Zinc	0 - 400	35.91	147.47	82.9	27.7	250.0	60.5	84.3	167.0	86.1	526.0	175.0

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

*ID's are preceeded in the laboratory report by "SB" (i.e.: SB/TW-13)

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				TW-20*	TW-21*	SB-22**	TW-23*	SB/BK-1***				SB/BK-2		
Sample Interval				28-29'	26-27'	19-20'	35-36'	1'		3-4'	11-12'	1'	3-4'	15-16'
Sample Date				7/25/12	7/26/12	7/26/12	7/27/12	7/23/12	2/28/13	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12
Test Method				6010	6010	6010	6010	6101				6101		
Soil Description				Saprolite	Fill	Saprolite	Saprolite	Fill	Fill	Native	Saprolite	Fill	Fill	Saprolite
Observations	Range in Georgia	Average in Georgia	Background	Creosote-like odor	Septic-like odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor	No odor
Arsenic	0 - 29.0	4.58	12.79	<5.83	<5.85	<6.1	<6.68	<7.1	<7.85	<5.37	<6.04	<5.87	<6.05	<7.4
Barium	15 - 500	251.36	144.40	43.7	60.8	55.0	248.0	14.9	19.9	83.0	31.4	79.0	35.9	<7.4
Chromium	5 - 100	36.88	141.07	60.9	30.8	179.0	34.0	122.0	133.0	58.1	218.0	76.4	97.4	25.9
Cobalt	0 - 20	4.3	24.46	7.49	10.4	<3.05	14.2	6.9	7.24	7.73	8.77	12.2	20.9	6.35
Copper	2 - 100	18.36	94.13	10.9	14.8	14.2	39.3	40.6	51.3	56.7	46.7	49.5	16.2	54.9
Lead	0 - 300	20.76	59.93	13.5	14.0	12.4	<6.68	25.8	22.8	32.7	<6.04	39.3	52.5	8.9
Nickel	0 - 50	11.52	39.66	<5.83	<5.85	<6.1	17.5	17.9	20.3	17.9	25.3	13.6	13.2	18.3
Vanadium	0 - 150	43.48	166.07	19.5	40.6	57.5	54.3	151.0	132.0	109.0	95.2	147.0	87.5	213.0
Zinc	0 - 400	35.91	147.47	550.0	24.1	391.0	96.3	33.5	30.0	61.1	30.8	63.1	16.6	18.3

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

*ID's are preceeded in the laboratory report by "SB" (i.e.: SB/TW-13)

**Listed as SB/TW-22 in the laboratory report- no temporary well installed

***Listed as SB/BU-1 in the laboratory report on 2-28-2013.

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				SB/BK-3*				SB/BK-4*	SWMU1-1	SWMU1-2		SWMU1-3	
Sample Interval				1'	1'	3-4'	15-16'	1'	2-3'	2-3'	11-12'	1-2'	3-4'
Sample Date				7/23/12	2/28/13	7/23/12	7/23/12	2/28/13	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12
Test Method				6010				6010	6010	6010		6010	
Soil Description				Fill	Fill	Native	Saprolite	Fill	Fill	Fill	Fill	Fill	Fill
Observations	Range in Georgia	Average in Georgia	Background	No odor	No odor	No odor	No odor	No odor	No odor	Creosote pockets	Creosote-like odor	Creosote pockets	Creosote pockets
Arsenic	0 - 29.0	4.58	12.79	<6.52	<5.57	<6.32	<6.33	<5.76	25.9	103.0	<5.92	65.8	115.0
Barium	15 - 500	251.36	144.40	24.2	116.0	85.6	103.0	80.7	157.0	73.6	57.4	101.0	70.9
Chromium	5 - 100	36.88	141.07	91.9	47.7	56.6	80.0	30.9	610.0	550.0	83.1	228.0	353.0
Cobalt	0 - 20	4.3	24.46	9.17	24.8	10.50	17.70	4.65	9.54	6.15	11.5	7.17	6.5
Copper	2 - 100	18.36	94.13	14.8	53.7	146.0	61.8	36.2	179.0	57.3	83.5	60.5	58.1
Lead	0 - 300	20.76	59.93	19.6	23.4	13.1	14.1	43.7	64.0	46.9	9.7	35.3	26.0
Nickel	0 - 50	11.52	39.66	17.5	29.4	11.5	65.0	9.79	22.2	10.5	8.7	12.9	14.4
Vanadium	0 - 150	43.48	166.07	43.7	87.5	164.0	172.0	29.6	154.0	104.0	112.0	125.0	141.0
Zinc	0 - 400	35.91	147.47	14.2	64.2	52.3	19.1	127.0	3,780.0	1,730.0	50.9	1,060.0	2,230.0

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

*Listed as SB/BU-3, SB/BU-4 in the laboratory report on 2-28-2013.

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				SWMU4-1		SWMU4-2		SWMU4-3		SWMU4-4		SWMU4-5		SWMU6-1
Sample Interval				8-9'	11-12'	11-12'	19-20'	3-4'	7-8'	3-4'	7-8'	3-4'	7-8'	11.5-12.5'
Sample Date				7/24/12	7/24/12	7/24/12	7/24/12	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12	7/23/12	7/24/12
Test Method				6010		6010		6010		6010		6010		6010
Soil Description				Saprolite	Saprolite	Fill	Saprolite	Fill	Fill	Fill	Fill	Fill	Fill	Fill
Observations	Range in Georgia	Average in Georgia	Background	Creosote-like odor	No odor	Creosote odor/staining	No odor	No odor	No odor	No odor	No odor	No odor	No odor	Slight creosote-like odor
Arsenic	0 - 29.0	4.58	12.79	<6.52	<6.09	<6.17	<5.77	<6.06	<6.98	<6.28	<6.42	<6.16	<6.65	<5.22
Barium	15 - 500	251.36	144.40	45.5	29.5	97.8	36.7	20.2	210.0	85.7	101.0	11.3	38.3	56.7
Chromium	5 - 100	36.88	141.07	52.5	147.0	68.1	148.0	47.1	74.4	99.1	68.9	48.0	25.6	11.4
Cobalt	0 - 20	4.3	24.46	7.03	5.77	12.4	8.81	4.25	10.6	7.62	10.9	3.55	6.73	4.36
Copper	2 - 100	18.36	94.13	17.5	41.1	53.6	60.1	34.8	92.9	45.5	87.5	28.7	31.2	10.4
Lead	0 - 300	20.76	59.93	11.0	17.3	81.9	15.1	13.5	38.7	32.8	26.3	14.1	16.9	<5.22
Nickel	0 - 50	11.52	39.66	<6.52	20.0	14.0	9.27	<6.06	22.6	9.71	17.3	8.43	17.1	5.34
Vanadium	0 - 150	43.48	166.07	49.0	182.0	83.2	115.0	138.0	127.0	92.3	170.0	124.0	67.9	17.9
Zinc	0 - 400	35.91	147.47	14.1	21.0	401.0	43.7	20.5	74.0	121.0	71.6	48.4	28.8	30.4

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous

United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5A - SOIL ANALYTICAL SUMMARY - METALS
 PHASE 3 PROGRESS REPORT
 WILLIAM C. MEREDITH COMPANY, INC.
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Sample ID				SWMU6-2	SWMU6-3		SWMU6-4		SWMU8-1
Sample Interval				11-12'	7-8'	19-20'	11-12'	27-28'	2-3'
Sample Date				7/26/12	7/26/12	7/26/12	7/25/12	7/25/12	7/24/12
Test Method				6010	6010		6010		6010
Soil Description				Fill	Fill	Saprolite	Saprolite	Saprolite	Fill
Observations	Range in Georgia	Average in Georgia	Background	No odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	Creosote-like odor	No odor
Arsenic	0 - 29.0	4.58	12.79	<6.25	<5.99	<5.87	166.0	<7.12	<5.71
Barium	15 - 500	251.36	144.40	27.8	183.0	22.3	40.4	186.0	33.2
Chromium	5 - 100	36.88	141.07	46.0	127.0	59.4	181.0	66.4	68.2
Cobalt	0 - 20	4.3	24.46	5.18	35.50	3.84	11.1	14.3	4.55
Copper	2 - 100	18.36	94.13	31.4	70.5	30.2	43.3	54.2	39.5
Lead	0 - 300	20.76	59.93	22.1	31.8	13.0	29.5	13.7	22.9
Nickel	0 - 50	11.52	39.66	9.37	34.6	6.06	11.1	39.0	9.36
Vanadium	0 - 150	43.48	166.07	119.0	130.0	131.0	68.6	104.0	165.0
Zinc	0 - 400	35.91	147.47	37.7	153.0	120.0	567.0	161.0	20.4

NOTES:

All data is reported in milligrams per kilogram (mg/Kg)

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in **BOLD**

Saprolite = Sandy silt/silty sand; weathered native soil

Samples were also analyzed for Selenium and Cadmium- results were below laboratory reporting limits. Reporting limits for the July 2012 sampling event ranged from 2.68-9.08 mg/kg.

Ranges/averages are for Georgia only and were taken from "USGS Professional Paper #1270, Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States" by Josephine G. Boerngen and Hansford T. Shacklette, 1981

Background concentrations were calculated by taking two times the arithmetic mean of 3 samples (SB/BK-1, SB/BK-3, and SB/BK-4 at 1 foot on 2-28-13).

Detections outside the range in Georgia are highlighted yellow.

Please note that some samples collected in the saprolite were obtained below the water table.

TABLE J-5B - SOIL ANALYTICAL SUMMARY - DIOXINS
PHASE 3 PROGRESS REPORT
WILLIAM C. MEREDITH COMPANY, INC.
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

SAMPLE I.D. AND INTERVAL	DATE	PENTA CDD	HEXA CDD	HEXA CDF	HEPA CDD	HEPA CDF	PENTA CDF	TCDD	TCDF	OCDF	OCDD
SB/BK-1 @ 3-4'	7/23/2012	<0.0025	<0.0025	<0.0025			<0.0025	<0.001	<0.001		
SB/BK-1 @ 1'	2/28/13*	<0.000051	0.00027	0.0013	0.0027	0.0051	0.00011	<0.00001	<0.00001	0.0033	0.022
SB/BK-3 @ 1'	2/28/13*	<0.000051	0.000037	0.00011	0.00045	0.00037	0.00001	<0.00001	<0.00001	0.00043	0.011
SB/BK-4 @ 1'	2/28/13*	<0.000051	0.014	0.023	0.13	0.087	0.0025	<0.00001	0.00014	0.091	0.7
SB/TW-26 @ 20-21' (SWMU 6)	11/12/2012	<0.0025	<0.0025	<0.0025	0.0059	<0.0025	<0.0025	<0.001	<0.001		
SB/TW-28 @ 11-12' (SWMU 4)	11/12/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.001	<0.001		
SWMU1-3B** @ 19-20' (SWMU 1)	11/12/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.001	<0.001		

Notes:

All results are reported in milligrams per kilogram (mg/kg).

*Sample date is incorrectly listed as 7/28/12 on the laboratory report.

**SWMU1-3B is listed as SWMU-3B on the analytical report.

Samples collected in July and November 2012 were ran by Method 8280. Samples collected in February 2013 were ran by Method 8290, which has lower detection limits than Method 8280.

Table J-5C. Groundwater Analytical Summary (Phase 3 wells only)

Sample ID	MW-7B2				MW-5A
Sample Date	1-29-13	2-27-13	2-27-13	4-5-13	4-5-13
Depth/Interval	84-85'	148-150'	173-175'	N/A	N/A
Test Method	SW8260B (VOCs) - µg/L				
Acetone	BRL	88.0	BRL	BRL	BRL
Benzene	BRL	BRL	2.3	BRL	52.0
Toluene	BRL	BRL	8.0	BRL	49.0
Ethylbenzene	BRL	BRL	3.2	BRL	47.0
Total Xylenes	BRL	BRL	10.9	BRL	82.0
Styrene	BRL	BRL	BRL	BRL	6.3
1,3,5-Trimethylbenzene	BRL	BRL	2.2	BRL	14.0
1,2,4-Trimethylbenzene	BRL	BRL	5.7	BRL	37.0
TOTAL VOCs	BRL	88.0	32.3	BRL	287.3
Test Method	SW8270D (SVOCs) - µg/L				
2,3,4,6-Tetrachlorophenol	BRL	BRL	120.0	BRL	210.0
2,4-Dimethylphenol	BRL	BRL	11.0	BRL	720.0
2-Methylnaphthalene	BRL	BRL	100.0	BRL	580.0
2-Methylphenol	BRL	BRL	BRL	BRL	1,300.0
3,4-Methylphenol	BRL	BRL	17.0	BRL	340.0
Acenaphthene	BRL	BRL	21.0	BRL	190.0
Carbazole	BRL	BRL	22.0	BRL	230.0
Dibenzofuran	BRL	BRL	18.0	BRL	170.0
Fluorene	BRL	BRL	11.0	BRL	89.0
Naphthalene	BRL	45.0	840.0	BRL	5,900.0
Pentachlorophenol	BRL	64.0	1,100.0	BRL	2,200.0
Phenanthrene	BRL	BRL	BRL	BRL	87.0
TOTAL SVOCs	BRL	109.0	2,260.0	BRL	12,016.0
Test Method	SW6010 (Metals) – mg/L				
Barium	NS	NS	NS	BRL	0.107
Cobalt	NS	NS	NS	BRL	0.033
Nickel	NS	NS	NS	BRL	0.0301

Notes:

Constituents not listed were below laboratory detection limits for all samples.

Total Xylenes are the sum of m,p-Xylene and o-Xylene.

Detections are shown in **bold**.

N/A = No sample interval, sample collected after well development

NS = Sample was not analyzed for that constituent

Units are µg/L for VOCs/SVOCs and mg/L for metals.

Groundwater Protection Standards are not listed on this table; however, they are currently set to background levels.

Table J-5D. Saturated Saprolitic Soil Analytical Results
Supplemental Phase 3 Progress Report
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	MW-8A-50'	MW-5B-46'
Depth	50'	46'
	12/14/2016	12/15/2016
VOCs – Method SW8260B (mg/kg)		
1,1-Dichloroethene	<0.0098	<0.010
Acetone	<0.20	<0.21
2-Butanone	<0.098	<0.10
1,1,1-Trichloroethane	<0.0098	<0.010
Benzene	<0.0098	<0.010
1,2-Dichloroethane	<0.0098	<0.010
Trichloroethene	<0.0098	<0.010
Toluene	<0.0098	<0.010
Tetrachloroethene	<0.0098	<0.010
Ethylbenzene	<0.0098	<0.010
m,p-Xylene	<0.0098	<0.010
o-Xylene	<0.0098	<0.010
Styrene	<0.0098	<0.010
1,3,5-Trimethylbenzene	<0.0098	<0.010
1,2,4-Trimethylbenzene	<0.0098	<0.010
TOTAL VOCS	0	0
SVOCs – Method SW8270D (mg/kg)		
2,3,4,6-Tetrachlorophenol	<0.42	<0.47
2,4,6-Trichlorophenol	<0.42	<0.47
2,4-Dimethylphenol	<0.42	<0.47
2,4-Dinitrophenol	<2.2	<2.4
2-Chlorophenol	<0.42	<0.47
2-Methylnaphthalene	<0.42	5.3
2-Methylphenol	<0.42	<0.47
3,4-Methylphenol	<0.42	<0.47
4-Chloro-3-methylphenol	<0.42	<0.47
Acenaphthene	<0.42	6.7
Acenaphthylene	<0.42	<0.47
Anthracene	<0.42	4.1
Benz(a)anthracene	<0.42	2.0
Benzo(a)pyrene	<0.42	0.80
Benzo(b)fluoranthene	<0.42	1.8
Benzo(k)fluoranthene	<0.42	<0.47
Carbazole	<0.42	2.8
Chrysene	<0.42	2.0
Dibenz(a,h)anthracene	<0.42	<0.47
Dibenzofuran	<0.42	5.4
Fluoranthene	<0.42	8.5
Fluorene	<0.42	7.5
Indeno(1,2,3-cd)pyrene	<0.42	<0.47
Naphthalene	0.73	8.6
Pentachlorophenol	<2.2	<2.4
Phenanthrene	<0.42	18
Phenol	<0.42	<0.47
Pyrene	<0.42	6.6
TOTAL SVOCs	0.73	80.1

NOTES:

Bold - Detections above laboratory reporting limit
All results reported in milligrams per kilogram (mg/kg)

TABLE J-5E - GROUNDWATER ANALYTICAL SUMMARY- VOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-3B								MW-5A							DUP-1 (MW-5A)
Screened Interval		open hole 62.5 - 200'								40.4-45.4'							40.4-45.4'
Sample Date		6/16/17** @65-70'	6/16/17** @80-85'	6/16/17** @85-90'	6/15/17** @90-95'	6/15/17** @110-115'	6/15/17** @118.5-123.5'	6/14/17** @175-180'	4/4/18	4/5/13	7/28/13	7/30/14	7/24/15	7/28/16	4/6/18	4/6/18	
Test Method	GWPS	8260															
1,1-Dichloroethene	BK	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<2	<1	<1	
Acetone	BK	NA	NA	NA	NA	NA	NA	NA	<50	<50	<50	72	<50	<100	<50	<50	
2-Butanone	BK	NA	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<100	<50	<50	
1,1,1-Trichloroethane	BK	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<2	<1	<1	
Benzene	BK	NA	NA	NA	NA	NA	NA	NA	<1	52	57	53	62	59	65.2	65.2	
1,2-Dichloroethane	BK	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<2	<1	<1	
Trichloroethene	BK	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<2	<1	<1	
Toluene	BK	NA	NA	NA	NA	NA	NA	NA	<1	49	53	75	59	55	60.9	60.8	
Tetrachloroethene	BK	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<2	<1	<1	
Ethylbenzene	BK	NA	NA	NA	NA	NA	NA	NA	<1	47	49	42	49	58	59.2	60.4	
Total Xylenes	BK	NA	NA	NA	NA	NA	NA	NA	<3	82	91	72	75	85	94.8	97.0	
Styrene	BK	NA	NA	NA	NA	NA	NA	NA	<1	6.3	9.6	4.4	2.6	5.0	2.0	2.8	
1,3,5-Trimethylbenzene	BK	NA	NA	NA	NA	NA	NA	NA	<1	14	13	9.9	11.0	18.0	14.9	15.1	
1,2,4-Trimethylbenzene	BK	NA	NA	NA	NA	NA	NA	NA	<1	37	42	28	32	52	41.3	41.0	
2-Hexanone *	BK	NA	NA	NA	NA	NA	NA	NA	<50	NS	NS	NS	NS	NS	<50	<50	
4-Methyl-2-Pentanone*	BK	NA	NA	NA	NA	NA	NA	NA	<50	NS	NS	NS	NS	NS	<50	<50	
Isobutyl Alcohol *	BK	NA	NA	NA	NA	NA	NA	NA	<100	NS	NS	NS	NS	NS	<100	<100	
Total VOCs	BK	NA	NA	NA	NA	NA	NA	NA	ND	287.3	314.6	356.3	290.6	332	338.3	342.3	

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All data reported in micrograms per liter (µg/L)

2-Butanone= Methyl Ethyl Ketone

* 2-Hexanone, 4-Methyl-2-Pentanone, & Isobutyl Alcohol were added to the facility permit on 3-29-18.

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in BOLD

All numbers exceeding GWPS highlighted in blue

ND = Not Detected

The sum of the total VOCs vary based on laboratory detection limits and compound reporting

** Samples obtained from intervals during well installation (6/14-16/18)

TABLE J-5E - GROUNDWATER ANALYTICAL SUMMARY- VOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-7B														
Screened Interval		111-121'														
Sample Date		2/12/99	7/29/99	5/17/00	2/12/01	7/2/01	2/5/02	6/17/02	1/3/03	6/18/03	12/30/03	7/9/04	12/9/04	7/14/05	1/26/06	7/11/06
Test Method	GWPS	8260														
1,1-Dichloroethene	BK	<5	<5	<5	<50	<25	<50	<100	<25	<1	<1	<1	<1	<1	<1	<1
Acetone	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<25	<25
2-Butanone	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	<10
1,1,1-Trichloroethane	BK	<5	<5	<5	<50	<25	<50	<100	<25	<1	<1	<1	<1	<1	<1	<1
Benzene	BK	5.8	7.9	<5	<50	<25	<50	<100	<25	1	3.2	3.1	2	<1	2.4	1.1
1,2-Dichloroethane	BK	<5	<5	<5	<50	<25	<50	<100	<25	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	BK	<5	<5	<5	<50	<25	<50	<100	<25	<1	<1	<1	<1	<1	<1	<1
Toluene	BK	15	20	13	<50	<25	<50	<100	<25	2.5	8.9	8.5	5.6	2.1	9	2.8
Tetrachloroethene	BK	<5	<5	<5	<50	<25	<50	<100	<25	<1	<1	<1	<1	<1	<1	<
Ethylbenzene	BK	11	13	9	<50	<25	<50	<100	<25	1.9	6.7	6.3	4.3	1.3	7	2.2
Total Xylenes	BK	37	47	36	<50	<25	<100	<100	<25	6.4	24.8	22.3	14.4	4.8	23.3	7.9
Styrene	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1	<1
1,3,5-Trimethylbenzene	BK	9.8	11	7	<50	<25	<50	<100	<25	1.3	4.8	4.7	2.8	<1	5.8	1.5
1,2,4-Trimethylbenzene	BK	28	30	20	<50	<25	<50	<100	<25	3.7	13	12	7.5	2.4	14	3.7
2-Hexanone *	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone*	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isobutyl Alcohol *	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total VOCs	BK	106.6	128.9	85	ND	ND	ND	ND	ND	16.8	61.4	56.9	36.6	10.6	61.5	19.2

GWPS= Groundwater Protection Standard
BK=Background
NS= Not Sampled
All data reported in micrograms per liter (µg/L)
2-Butanone= Methyl Ethyl Ketone
* 2-Hexanone, 4-Methyl-2-Pentanone, & Isobutyl Alcohol were added to the facility permit on 3-29-18.

< Less than laboratory reporting limit
All numbers exceeding laboratory reporting limits are shown in BOLD
All numbers exceeding GWPS highlighted in blue
ND = Not Detected
The sum of the total VOCs
** Samples obtained from intervals during well installation (6/14-16/18)

TABLE J-5E - GROUNDWATER ANALYTICAL SUMMARY- VOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-7B																	
Screened Interval		111-121'																	
Sample Date		1/17/07	7/13/07	1/23/08	8/15/08	1/15/09	7/22/09	1/6/10	7/21/10	1/28/11	7/22/11	1/19/12	7/19/12	1/31/13	7/25/13	7/30/14	1/22/15	7/24/15	1/26/16
Test Method	GWPS	8260																	
1,1-Dichloroethene	BK	<1	<1	<10	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acetone	BK	<25	<25	<250	<25	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Butanone	BK	<10	<10	<100	<10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1-Trichloroethane	BK	<1	<1	<10	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	BK	<1	8.6	10	6.8	7.4	5.8	3.1	6.3	6.2	7.3	7.5	9.6	6.4	2.7	7.2	4.9	5.6	1.9
1,2-Dichloroethane	BK	<1	<1	<10	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	BK	<1	<1	<10	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	BK	13	26	17	19	22	16	8.5	16	19	22	22	29	18	7.9	22	15	18	5.9
Tetrachloroethene	BK	<1	<1	<10	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	BK	11	18	13	16	15	11	7.3	14	16	16	19	21	16	7.4	21	14	15	5.3
Total Xylenes	BK	37	68	52	56	54	40	25	50	58	69	67	80	58	26.5	66	46	46	19.7
Styrene	BK	<1	<1	<10	4.4	<10	<1	1.8	3.9	4.0	5.4	4.1	6.1	<1	4.3	<1	<1	2.3	<1
1,3,5-Trimethylbenzene	BK	7.8	12	11	12	10	7.7	4.6	11	11	11	12	16	10	5	12	7.9	8.6	3.6
1,2,4-Trimethylbenzene	BK	21	35	31	34	28	20	12	28	30	32	35	42	30	14	33	21	23	9.7
2-Hexanone *	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone*	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isobutyl Alcohol *	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total VOCs	BK	89.8	167.6	134	148.2	136.4	100.5	62.3	129.2	144.2	162.7	166.6	203.7	138.4	67.8	161.2	108.8	118.5	46.1

GWPS= Groundwater Protection Standard
BK=Background
NS= Not Sampled
All data reported in micrograms per liter (µg/L)
2-Butanone= Methyl Ethyl Ketone
* 2-Hexanone, 4-Methyl-2-Pentanone, & Isobutyl Alcohol were added to the facility permit on 3-29-18.

< Less than laboratory reporting limit
All numbers exceeding laboratory reporting limits are shown in BOLD
All numbers exceeding GWPS highlighted in blue
ND = Not Detected
The sum of the total VOCs vary based on laboratory detection limits and compound reporting
** Samples obtained from intervals during well installation (6/14-16/18)

TABLE J-5E - GROUNDWATER ANALYTICAL SUMMARY- VOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-7B			DUP-1 (MW-7B)	DUP-1 (MW-7B)		MW-7B2**					MW-8A	MW-8B**			
Screened Interval		111-121'			111-121'	111-121'		195-200'					45-50'	open hole 53' - 153'			
Sample Date		7/28/16	1/18/17	4/6/18	1/15/09	7/21/10	1/19/12	1/29/2013 @84-85'	2/27/2013 @148-150'	2/27/2013 @173-175'	4/5/2013 @195-200'	4/6/18	4/5/18	7/6/17* @53-58'	7/6/17* @61-66'	7/6/17* @66-71'	7/6/17* @71-76'
Test Method	GWPS	8260															
1,1-Dichloroethene	BK	<2	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	1.4	NA	NA	NA	NA
Acetone	BK	<100	<50	<50	<50	<50	<50	<50	88	<50	<50	<50	<50	NA	NA	NA	NA
2-Butanone	BK	<100	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	NA	NA	NA	NA
1,1,1-Trichloroethane	BK	<2	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
Benzene	BK	6.2	7.9	<1	6.9	5.6	7.5	<1	<1	2.3	<1	<1	2.2	NA	NA	NA	NA
1,2-Dichloroethane	BK	<2	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	16.2	NA	NA	NA	NA
Trichloroethene	BK	<2	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	2.1	NA	NA	NA	NA
Toluene	BK	20	23	2.7	21	16	22	<1	<1	8.0	<1	<1	5.6	NA	NA	NA	NA
Tetrachloroethene	BK	<2	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	7.1	NA	NA	NA	NA
Ethylbenzene	BK	22	27	2.8	14	13	18	<1	<1	3.2	<1	<1	9.2	NA	NA	NA	NA
Total Xylenes	BK	65	85	11.7	52	47	64	<3	<3	10.9	<3	<3	27.7	NA	NA	NA	NA
Styrene	BK	<5	3.6	<1	<5	3.6	3.9	<1	<1		<1	<1	<1	NA	NA	NA	NA
1,3,5-Trimethylbenzene	BK	14	17	2.7	8.6	9.8	11	<1	<1	2.2	<1	<1	14.1	NA	NA	NA	NA
1,2,4-Trimethylbenzene	BK	38	44	6.4	24	25	31	<1	<1	5.7	<1	<1	33.9	NA	NA	NA	NA
2-Hexanone *	BK	NS	NS	<50	NS	NS	NS	<1	<1	<1	<1	<50	<50	NA	NA	NA	NA
4-Methyl-2-Pentanone*	BK	NS	NS	<50	NS	NS	NS	<1	<1	<1	<1	<50	<50	NA	NA	NA	NA
Isobutyl Alcohol *	BK	NS	NS	<100	NS	NS	NS	<1	<1	<1	<1	<100	<100	NA	NA	NA	NA
Total VOCs	BK	165.2	207.5	26.3	126.5	120	157.4	ND	88	32.3	ND	ND	119.5	NA	NA	NA	NA

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All data reported in micrograms per liter (µg/L)

2-Butanone= Methyl Ethyl Ketone

* 2-Hexanone, 4-Methyl-2-Pentanone, & Isobutyl Alcohol were added to the facility permit on 3-29-18.

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in BOLD

All numbers exceeding GWPS highlighted in blue

ND = Not Detected

The sum of the total VOCs vary based on laboratory detection limits and compound reporting

** Samples obtained from intervals during well installation (6/14-16/18)

TABLE J-5E - GROUNDWATER ANALYTICAL SUMMARY- VOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-8B**			MW-8B2**
Screened Interval		open hole 53-80'			148-153
Sample Date		7/6/17* @91-96'	7/6/17* @148-153'	4/5/18	4/5/18
Test Method	GWPS	8260			
1,1-Dichloroethene	BK	NA	NA	1.9	2.1
Acetone	BK	NA	NA	<50	<50
2-Butanone	BK	NA	NA	<50	<50
1,1,1-Trichloroethane	BK	NA	NA	NA	NA
Benzene	BK	NA	NA	19.9	22.1
1,2-Dichloroethane	BK	NA	NA	18.0	19.1
Trichloroethene	BK	NA	NA	<1	1.1
Toluene	BK	NA	NA	56.2	58.3
Tetrachloroethene	BK	NA	NA	<1	<1
Ethylbenzene	BK	NA	NA	45.4	43.6
Total Xylenes	BK	NA	NA	124.2	116
Styrene	BK	NA	NA	9.5	9.2
1,3,5-Trimethylbenzene	BK	NA	NA	21.1	18.6
1,2,4-Trimethylbenzene	BK	NA	NA	54.7	48.7
2-Hexanone *	BK	NA	NA	<50	<50
4-Methyl-2-Pentanone*	BK	NA	NA	<50	<50
Isobutyl Alcohol *	BK	NA	NA	<100	<100
Total VOCs	BK	NA	NA	350.9	338.8

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All data reported in micrograms per liter (µg/L)

2-Butanone= Methyl Ethyl Ketone

* 2-Hexanone, 4-Methyl-2-Pentanone, & Isobutyl Alcohol were added to the facility permit on 3-29-18.

< Less than laboratory reporting limit

All numbers exceeding laboratory reporting limits are shown in BOLD

All numbers exceeding GWPS highlighted in blue

ND = Not Detected

The sum of the total VOCs vary based on laboratory detection limits and compound reporting

** Samples obtained from intervals during well installation (6/14-16/18)

TABLE J-5F- GROUNDWATER ANALYTICAL SUMMARY- SVOCs
SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
WILLIAM C. MEREDITH COMPANY
EAST POINT, GA
PERMIT NUMBER: HW-062(D)

Well Number		MW-3B								MW-5A				
Screened Interval		open hole - 200'								40.4-45.4'				
Sample Date		6/16/17* @65-70'	6/16/17* @80-85'	6/16/17* @85-90'	6/15/17* @90-95'	@110- 115'	@118.5- 123.5'	@175- 180'	4/4/18	4/5/13	7/28/13	7/30/14	7/24/15	7/28/16
Test Method	GWPS	8270												
2,3,4,6-Tetrachlorophenol	BK	220	370	430	770	690	990	640	<10	210	160	330	200	260
2,4,6-Trichlorophenol	BK	<10	<10	<10	<10	<10	<10	18	<10	<50	<10	21	<10	<10
2,4-Dimethylphenol	BK	<10	17	30	110	24	120	110	<10	720	1,100	1,100	140	50
2,4-Dinitrophenol	BK	<25	<25	<25	<25	<25	<25	<25	<25	<130	<25	<25	<25	<50
2-Chlorophenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
2-Methylnaphthalene	BK	130	200	180	280	210	260	170	<10	580	430	600	770	580
2-Methylphenol (o-Cresol)	BK	<10	16	21	59	18	66	51	<10	1,300	1,500	1,200	82	54
3,4-Methylphenol	BK	<10	22	27	100	33	120	92	<10	340	280	350	34	38
4-Chloro-3-methylphenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Acenaphthene	BK	51	75	71	170	79	180	180	<10	190	150	200	260	260
Acenaphthylene	BK	<10	<10	<10	14	<10	12	16	<10	<50	15	24	11	<10
Anthracene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	13	10	18	<10
Benzo(a)anthracene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Benzo(a)pyrene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Benzo(b)fluoranthene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Benzo(k)fluoranthene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Carbazole	BK	68	140	160	200	140	260	180	<10	230	170	260	330	380
Chrysene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Dibenzo(a,h)anthracene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Dibenzofuran	BK	44	63	54	87	74	97	92	<10	170	140	190	230	250
Fluoranthene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Fluorene	BK	25	31	29	81	32	92	84	<10	89	90	87	120	120
Indeno(1,2,3-cd)pyrene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Naphthalene	BK	1,400	3,300	3,100	4,800	4,000	5,600	4,400	<10	5,900	5,700	6,200	8,700	7,600
Pentachlorophenol	BK	1,400	2,600	2,700	4,900	3,200	5,100	3,900	<25	2,200	2,900	2,700	4,700	2,600
Phenanthrene	BK	<10	14	12	23	13	28	27	<10	87	98	95	160	150
Phenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	36	21	<10	<10
Pyrene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
Total SVOCs	BK	2,800	5,900	5,800	11,594	8,513	12,925	9,960	ND	12,016	12,782	13,388	15,755	12,342

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All numbers exceeding laboratory limits are in BOLD

All numbers exceeding GWPS highlighted in blue

* Samples obtained from intervals during well installation (6/14-16/18)

< Less than laboratory reporting limit

All data reported in micrograms per liter (µg/L)

ND- Not Detected

The sum of the total SVOCs vary based on laboratory detection limits and compound reporting.

TABLE J-5F- GROUNDWATER ANALYTICAL SUMMARY- SVOCs
 SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
 WILLIAM C. MEREDITH COMPANY
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Well Number		MW-7B														
Screened Interval		111-121'														
Sample Date		2/12/99	7/29/99	5/17/00	2/12/01	7/2/01	2/5/02	6/17/02	1/3/03	6/18/03	12/30/03	7/9/04	12/9/04	7/14/05	1/26/06	7/11/06
Test Method	GWPS	8270														
2,3,4,6-Tetrachlorophenol	BK	210	530	643	<200	<505	275	237	89	30	<250	150	<200	60	<190	84
2,4,6-Trichlorophenol	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
2,4-Dimethylphenol	BK	<160	<200	56	<200	<101	<510	<106	<10	12	<250	<10	<200	<38	<190	<9.4
2,4-Dinitrophenol	BK	<800	<1,000	<50	<1,000	<505	<2,550	<532	<50	<50	<1,200	<50	<1,000	<190	<960	<47
2-Chlorophenol	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
2-Methylnaphthalene	BK	180	510	<10	<200	<101	<510	<106	36	<10	<250	150	<200	<38	200	<9.4
2-Methylphenol (o-Cresol)	BK	<160	<200	<101	<510	<101	<510	<106	<10	<10	<250	11	<200	<38	<190	<9.4
3,4-Methylphenol	BK	<160	<200	14	<200	<101	<1020	<106	<20	<10	<250	21	<200	<38	<190	<9.4
4-Chloro-3-methylphenol	BK	<160	<200	<20	<400	<202	<1020	<213	<20	<10	<250	<10	<200	<38	<190	<9.4
Acenaphthene	BK	<160	<200	<10	<200	<101	<510	<106	20	16	<250	81	<200	<38	<190	21
Acenaphthylene	BK	<160	<200	75	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Anthracene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Benz(a)anthracene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Benzo(a)pyrene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Benzo(b)fluoranthene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Benzo(k)fluoranthene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Carbazole	BK	<160	<200	44	<200	<505	<510	<106	32	<10	<250	41	<200	<38	<190	<9.4
Chrysene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Dibenzo(a,h)anthracene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Dibenzofuran	BK	<160	<200	49	<200	<101	<510	<106	14	10	<250	50	<200	<38	<190	<9.4
Fluoranthene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Fluorene	BK	<160	<200	60	<200	<101	<510	<106	15	<10	<250	49	<200	<38	<190	<9.4
Indeno(1,2,3-cd)pyrene	BK	<160	<200	<10	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Naphthalene	BK	1,800	4,000	1,260	1,970	1,750	1,590	1,200	302	170	2,500	1,500	1,600	<38	2,100	<9.4
Pentachlorophenol	BK	<800	4,000	2,180	2,430	1,070	<2,550	1,700	957	330	1,600	1,200	<1,000	290	1,400	440
Phenanthrene	BK	<160	<200	36	<200	<101	<510	<106	12	<10	<250	24	<200	<38	<190	<9.4
Phenol	BK	<160	<200	<20	<200	<101	<510	<106	<10	<10	<250	<10	<200	<38	<190	<9.4
Pyrene	BK	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<190	<9.4
Total SVOCs	BK	2,190	9,040	4,417	4,400	2,820	1,865	3,137	1,477	568	4,100	3,277	1,600	350	3,700	545

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All numbers exceeding laboratory limits are in BOLD

All numbers exceeding GWPS highlighted in blue

< Less than laboratory reporting limit

All data reported in micrograms per liter (µg/L)

ND- Not Detected

The sum of the total SVOCs vary based on laboratory detection limits and compound reporting.

TABLE J-5F- GROUNDWATER ANALYTICAL SUMMARY- SVOCs
 SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
 WILLIAM C. MEREDITH COMPANY
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Well Number		MW-7B																				
Screened Interval		111-121'																				
Sample Date		1/17/07	7/13/07	1/23/08	8/15/08	1/15/09	7/22/09	1/6/10	7/21/10	1/28/11	7/22/11	1/19/12	7/19/12	1/31/13	7/25/13	1/22/14	7/30/14	1/22/15	7/24/15	1/26/16	7/28/16	1/18/17
Test Method	GWPS	8270																				
2,3,4,6 Tetrachlorophenol	BK	370	570	<240	<940	390	300	150	370	410	490	470	550	240	180	370	620	180	410	160	620	670
2,4,6-Trichlorophenol	BK	<9.4	<9.6	<240	<940	<10	<10	<10	12	11	<50	<10	<10	<10	<10	11	<10	14	21	16	<10	<10
2,4-Dimethylphenol	BK	37	66	<240	<940	56	84	38	110	110	110	150	130	78	13	22	89	25	44	<10	46	59
2,4-Dinitrophenol	BK	<47	<48	<1,200	<4,700	<25	<25	<25	<25	<25	<130	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25
2-Chlorophenol	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	BK	430	520	320		310	320	190	390	470	530	570	700	350	160	110	200	34	220	<10	82	39
2-Methylphenol (o-Cresol)	BK	19	21	<240	<940	16	17	<10	20	18	<50	23	28	18	<10	<10	21	<10	17	<10	<10	12
3,4-Methylphenol	BK	36	39	<240	<940	33	36	17	44	39	53	44	54	38	13	18	46	17	32	<10	26	25
4-Chloro-3-methylphenol	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	BK	180	180	<240	<940	<10	150	92	180	220	230	240	310	160	95	120	240	160	230	85	340	380
Acenaphthylene	BK	<9.4	13	<240		<10	<10	<10	<10	<10	<50	<10	12	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyrene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(k)fluoranthene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	BK	140	110	<240	<940	160	130	77	120	140	200	190	210	140	74	120	160	150	160	76	250	260
Chrysene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(a,h)anthracene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	BK	110	99	<240	<940	77	89	59	98	110	140	140	190	120	68	72	140	93	130	66	210	220
Fluoranthene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10
Fluorene	BK	110	100	<240	<940	73	84	55	99	100	140	130	160	120	55	67	130	92	120	64	190	220
Indeno(1,2,3-cd)pyrene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	BK	4,300	6,200	3,000	4,000	3,900	3,200	1,900	3,700	5,400	5,000	5,800	6,700	3,600	2,800	2,900	4,800	2,500	5,100	1,200	5,900	7,100
Pentachlorophenol	BK	2,900	3,800	1,800	<4,700	1,900	2,100	1,300	2,700	2,900	3,700	2,500	<2500	1,700	1,100	1,900	<2500	1,200	2,700	320	2,600	3,100
Phenanthrene	BK	59	55	<240	<940	32	43	32	56	56	74	72	90	68	43	34	73	51	68	42	110	120
Phenol	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	BK	<9.4	<9.6	<240	<940	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs	BK	8,691	11,773	5,120	4,000	6,947	6,553	3,910	7,899	9,984	10,667	10,329	9,134	6,632	4,601	5,744	6,519	4,516	9,252	2,029	10,384	12,205

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All numbers exceeding laboratory limits are in BOLD

< Less than laboratory reporting limit

All data reported in micrograms per liter (µg/L)

ND= Not Detected

All numbers exceeding GWPS highlighted in blue

The sum of the total SVOCs vary based on laboratory detection limits and compound reporting.

*DUP-MW-30/DUP-1 are a duplicate samples collected from MW-7B.

TABLE J-5F- GROUNDWATER ANALYTICAL SUMMARY- SVOCs
 SUPPLEMENTAL PHASE 3 SUMMARY REPORT APRIL 2021
 WILLIAM C. MEREDITH COMPANY
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Well Number		MW-7B2**				MW-8B					
Screened Interval		195-200'				open hole - 153'					
Sample Date		1/29/2013 @84-85'	2/27/2013 @148-150'	2/27/2013 @173-175'	4/5/2013 @195-200'	7/6/2017 @53-58'	7/6/2017 @61-66'	7/6/2017 @66-71'	7/6/2017 @71-76'	7/6/2017 @91-96'	7/6/2017 @148-153'
Test Method	GWPS	8270				8270					
2,3,4,6-Tetrachlorophenol	BK	<10	<10	120	<10	490	380	330	180	590	620
2,4,6-Trichlorophenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	BK	<10	<10	11	<10	460	190	170	92	230	200
2,4-Dinitrophenol	BK	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorophenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	BK	<10	<10	100	<10	1,200	1,300	1,100	410	1,100	920
2-Methylphenol (o-Cresol)	BK	<10	<10	<10	<10	54	55	52	23	60	45
3,4-Methylphenol	BK	<10	<10	17	<10	72	64	58	30	95	69
4 -Chloro-3-methylphenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	BK	<10	<10	21	<10	620	650	540	230	600	420
Acenaphthylene	BK	<10	<10	<10	<10	22	26	27	<10	23	20
Anthracene	BK	<10	<10	<10	<10	42	55	51	17	67	17
Benz(a)anthracene	BK	<10	<10	<10	<10	<10	18	15	<10	25	<10
Benzo(a)pyrene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	BK	<10	<10	<10	<10	<10	<10	<10	<10	10	<10
Benzo(k)fluoranthene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	BK	<10	<10	22	<10	660	450	380	200	420	310
Chrysene	BK	<10	<10	<10	<10	<10	16	14	<10	24	<10
Dibenzo(a,h)anthracene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	BK	<10	<10	18	<10	420	410	330	130	400	200
Fluoranthene	BK	<10	<10	<10	<10	49	140	120	21	180	21
Fluorene	BK	<10	<10	11	<10	320	360	290	110	370	160
Indeno(1,2,3-cd)pyrene	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	BK	<10	45	840	<10	14,000	14,000	12,000	4,300	11,000	11,000
Pentachlorophenol	BK	<25	64	1,100	<25	3,800	4,000	3,400	1,300	5,300	4,900
Phenanthrene	BK	<10	<10	<10	<10	380	550	430	120	620	130
Phenol	BK	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	BK	<10	<10	<10	<10	26	80	70	11	110	11
Total SVOCs	BK	ND	109	2,260	ND	22,615	22,744	19,377	7,174	21,224	19,043

GWPS= Groundwater Protection Standard

BK=Background

NS= Not Sampled

All numbers exceeding laboratory limits are in BOLD

All numbers exceeding GWPS highlighted in blue

< Less than laboratory reporting limit

All data reported in micrograms per liter (µg/L)

ND- Not Detected

The sum of the total SVOCs vary based on laboratory detection limits and compound reporting.

**Samples obtained from intervals during well installation

Table J-6 - Sediment Sampling Results (2014 - 2018)
Supplemental Phase 4 Progress Report
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID		SED-5				SED-6				SED-7				SED-8				SED-9		SED-10	
Sampling Date	Screening Value	3/14/2014	1/21/2015	4/27/2017	11/14/2018	3/14/2014	1/21/2015	4/27/2017*	11/14/2018	3/14/2014	1/21/2015	4/27/2017	11/14/2018	3/14/2014	1/21/2015	4/27/2017	11/14/2018	4/27/2017	11/14/2018	4/27/2017	11/14/2018
SVOCs – Method SW8270D (mg/kg)																					
2-Methylnaphthalene	0.447*	1.5	<0.48	6.1	<0.41	1.1	<0.65	<0.53	<0.41	<0.63	<0.46	<0.41	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	<0.42	<0.39	<0.44
Acenaphthene	0.491*	12.0	0.82	12.0	3.7	17.0	<0.65	34.0	5.2	<0.63	1.2	1.4	0.84	<0.41	<0.41	<0.45	<0.41	<0.43	0.50	0.6	0.85
Acenaphthylene	0.452*	2.0	0.93	<0.4	<0.41	<0.53	1.5	3.8	<0.41	<0.63	<0.46	<0.41	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	<0.42	<0.39	<0.44
Anthracene	0.594*	11.0	2.3	3.3	0.83	24.0	1.7	12.0	1.9	0.67	2.5	1.1	0.51	<0.41	<0.41	<0.45	<0.41	<0.43	0.80	1.1	1.1
Benz(a)anthracene	0.841*	17.0	4.2	2.5	2.3	2.5	1.0	7.8	1.5	1.9	2.9	1.4	1.1	0.57	0.63	0.45	<0.41	0.51	1.9	1.4	1.3
Benzo(a)pyrene	0.965*	7.3	3.4	0.8	1.1	1.0	2.3	21.0	<0.41	2.1	1.2	0.46	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	1.1	0.41	0.47
Benzo(b)fluoranthene	0.979*	11.0	4.6	1.2	2.0	1.7	3.0	40.0	1.0	4.2	2.0	0.82	1.0	0.67	0.88	0.49	0.80	0.53	1.6	0.79	1.2
Benzo(k)fluoranthene	0.981*	3.3	1.4	0.5	0.49	0.5	<0.65	10.0	<0.41	1.2	0.71	<0.41	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	0.68	<0.39	<0.44
Carbazole	0.9**	1.7	0.64	2.7	1.8	22.0	1.0	4.1	0.97	<0.63	0.71	<0.41	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	<0.42	0.46	<0.44
Chrysene	0.844*	17.0	4.7	2.3	2.1	3.6	1.3	14.0	1.3	2.4	3.1	1.3	0.90	0.52	0.68	0.49	0.43	0.63	2.2	1.5	1.1
Dibenzofuran	0.151**	6.0	0.52	9.0	2.1	15.0	<650	22.0	3.2	<0.63	0.79	0.95	0.44	<0.41	<0.41	<0.45	<0.41	<0.43	<0.42	0.64	0.50
Fluoranthene	0.707*	69.0	10.0	14.0	7.7	22.0	1.5	28.0	11	3.5	11	9.0	6.3	2.4	2.5	2.0	0.86	3.2	4.8	8.0	6.3
Fluorene	0.538*	15.0	1.3	12.0	2.9	32.0	<0.65	35.0	5.4	<0.63	1.7	1.9	0.70	<0.41	<0.41	<0.45	<0.41	0.43	0.55	1.6	0.83
Indeno(1,2,3-cd)pyrene	0.115*	2.6	2.8	<0.4	<0.41	0.5	3.2	9.9	<0.41	1.4	0.75	<0.41	<0.42	<0.41	<0.41	<0.45	<0.41	<0.43	<0.42	<0.39	<0.44
Naphthalene	0.385*	1.5	<0.48	6.0	0.60	1.5	<0.65	1.3	<0.41	<0.63	<0.46	<0.41	<0.42	0.46	<0.41	<0.45	<0.41	<0.43	<0.42	<0.39	<0.44
Phenanthrene	0.596*	57.0	6.6	27.0	3.1	24.0	<0.65	16.0	9.8	0.65	5.2	3.8	1.2	0.52	0.89	0.57	<0.41	1.8	2.0	1.7	2.1
Pyrene	0.697*	42.0	6.9	8.7	5.5	12.0	1.2	23.0	5.9	2.7	7.1	5.4	4.0	1.4	1.5	1.4	0.65	2.2	3.2	5.5	3.7
TOTAL SVOCs		276.9	51.1	108.1	36.2	180	17.7	281.9	47.2	20.7	40.9	27.5	17.0	6.5	7.1	5.4	2.7	9.3	19.3	23.7	19.5
Total Metals – Method SW6010C (mg/kg)																					
Aluminum	25000	NA	NA	1640	2090	NA	NA	7410	3050	NA	NA	1870	4690	NA	NA	1780	3430	2070	3750	2740	2650
Barium	20.0	133	86.9	26.5	24.8	95.1	121	49.8	28.5	109	25.4	21.2	39.6	21.1	35.3	33.4	37.6	18.2	16.1	28.1	23.9
Chromium	43.4	78.5	60.8	5.33	<18.6	16.8	56.2	98.5	31.0	67.7	12.7	7.4	120	60.9	17.1	13.2	18.5	7.23	22.8	24.8	<19.7
Cobalt	50.0	9.66	8.46	1.12	<4.64	19.7	14.4	8.59	6.14	103	3.59	4.07	7.38	<3.06	<2.92	1.43	<4.63	1.4	<4.55	4.78	<4.93
Copper	31.6	49.6	31.6	6.73	6.93	20.7	66.2	21.5	6.96	50.8	11.0	7.53	299	9.29	7.32	5.65	11.0	13.8	15.5	6.09	8.19
Lead	35.8	66.1	50.5	7.52	11.5	28.4	124	64.3	7.92	172	15.1	33.9	9.04	10.4	10.1	9.47	20.4	6.74	13.4	9.38	9.49
Nickel	22.7	13.0	9.96	4.03	47.6	8.85	17.6	7.11	<4.59	26.2	<6.68	1.89	6.30	<6.12	<5.84	1.58	<4.63	1.93	6.58	3.91	<4.93
Vanadium	N/A	53.3	44.9	6.77	10.9	26.3	75.6	36.4	13.1	83.3	12.6	6.97	22.8	14.6	12.6	7.72	15.6	8.07	18.3	11.9	11.8
Zinc	121	192	151	47.5	53.8	127	373	363	53.3	336	63.0	33.2	58.6	30.2	24.8	22.8	35.9	18.2	22.5	43.1	46.9
TOTAL METALS		595.16	444.12	1745.5	2245.53	342.85	848.0	8059.2	3196.92	948.0	143.39	1986.16	5252.72	146.49	107.22	1875.25	3569	2145.57	3865.18	2872.06	2750.28

Notes:
Units are in milligrams per kilogram (mg/kg).
Only detected constituents are listed, samples were analyzed for SVOCs, VOCs, and metals.
Please note that samples were analyzed for aluminum (listed above) and mercury (all non-detect) at EPD's request. These metals are not on the Facility's Permit.
* Dibenz(a,h)anthracene (SVOC) was detected in SED-6 on 4-27-17 at 4,600 µg/kg. No other samples contained this constituent.
All VOCs were below laboratory detection limits with the exception of acetone (0.24 mg/kg) in SED-6 on 1-21-15 and 1,2,4-trimethylbenzene (0.0094 mg/kg) in SED-5 on 4/27/17.
Total Xylenes is the sum of m, p, and o-Xylene.
Detections are shown in **bold**.
NA - Constituent was not analyzed
Screening values taken from EPAs "Region 4 Ecological Risk Assessment Supplemental Guidance Interim Draft", 2015, Table 2a, Non-Narcotic Modes of Action, Freshwater, ESV.
RED = value exceeds the Screening Value
* Screening value for PAHs are based on Table 2c, Freshwater Sediment.
** Screening value from Table 2b, narcotic mode of action, freshwater sediment, ESV. No screening value listed on Table 2a for non-narcotic mode of action.

Table J-7A - Temporary Well Soil Sampling Results (September 2015)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TW-12	TW-13	TW-14	TW-15	TW-16	TW-17	TW-18	TW-19
Depth	Ind Soil	6'	5'	3'	3'	6'	2'	7'	3'
Sampling Date		9/24/2015	9/24/2015	9/23/2015	9/23/2015	9/24/2015	9/23/2015	9/23/2015	9/22/2015
SVOCs – Method SW8270D (mg/kg)									
2-Methylnaphthalene	3000	<0.39	<0.42	<0.49	<0.45	<0.39	16.0	<0.4	1.3
Acenaphthene	45000	<0.39	<0.42	0.96	<0.45	<0.39	70.0	<0.4	4.3
Acenaphthylene	N/A	<0.39	<0.42	<0.49	<0.45	<0.39	3.0	<0.4	<0.51
Anthracene	230000	0.48	<0.42	0.51	<0.45	<0.39	340.0	<0.4	22.0
Benzo(a)anthracene	21.0	<0.39	<0.42	0.97	<0.45	<0.39	96.0	<0.4	12.0
Benzo(a)pyrene	2.1	<0.39	<0.42	0.58	<0.45	<0.39	42.0	<0.4	4.2
Benzo(b)fluoranthene	21.0	0.45	<0.42	1.3	<0.45	0.58	75.0	<0.4	7.3
Benzo(k)fluoranthene	210	<0.39	<0.42	<0.49	<0.45	<0.39	22.0	<0.4	2.6
Carbazole	N/A	<0.39	<0.42	<0.49	<0.45	<0.39	90.0	<0.4	1.0
Chrysene	2100	<0.39	<0.42	1.1	<0.45	<0.39	130.0	<0.4	13.0
Dibenz(a,h)anthracene	2.1	<0.39	<0.42	<0.49	<0.45	<0.39	3.4	<0.4	<0.51
Dibenzofuran	1000	<0.39	<0.42	<0.49	<0.45	<0.39	32.0	<0.4	3.4
Fluoranthene	30000	<0.39	<0.42	4.3	<0.45	<0.39	380.0	<0.4	50.0
Fluorene	30000	<0.39	<0.42	<0.49	<0.45	<0.39	110.0	<0.4	13.0
Indeno(1,2,3-cd)pyrene	21.0	<0.39	<0.42	<0.49	<0.45	<0.39	15.0	<0.4	0.95
Naphthalene	17.0	<0.39	<0.42	<0.49	<0.45	<0.39	8.5	<0.4	<0.51
Pentachlorophenol	4.0	3.0	<2.1	<2.5	<2.3	<2.0	<2.3	<2.0	<2.6
Phenanthrene	N/A	<0.39	<0.42	<0.49	<0.45	<0.39	230.0	<0.4	60.0
Pyrene	23000	<0.39	<0.42	2.7	<0.45	<0.39	240.0	<0.4	30.0
TOTAL SVOCs		3.9	BRL	12.4	BRL	0.58	1,902.9	BRL	225.05
Total Metals – Method SW6010C (mg/kg)									
Arsenic	3.0	<5.92	<5.66	<6.68	<6.25	5.03	<5.85	<5.77	<7.68
Barium	220000	110	95.1	145	147	56.0	76.6	42.7	89.5
Chromium	N/A	37.2	44.2	53.0	36.2	37.9	431	15.3	42.0
Cobalt	350	10.9	9.97	12.9	18.1	15.0	6.93	3.69	6.64
Copper	47000	25.6	40.1	35.0	<3.12	37.9	37.1	15.9	26.0
Lead	N/A	63.2	70.6	49.6	10.9	23.9	73.3	11.0	16.8
Nickel	N/A	17.1	15.5	23.0	22.6	11.2	11.6	6.9	11.1
Vanadium	N/A	43.5	71.9	70.6	43.3	113	58.1	34.3	67.4
Zinc	N/A	91.1	82.1	99.4	83.4	50.6	763	24.4	63.6
TOTAL METALS		398.6	429.47	488.5	361.5	350.53	1457.63	154.19	323.04

Notes:

Units are in milligrams per kilogram (mg/kg).

Only detected constituents are listed, samples were analyzed for SVOCs, VOCs, and metals.

All VOCs were below laboratory reporting limits.

Detections are shown in **bold**.

TW-12 and TW-16 were soil borings only, wells were not installed.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only,

clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

Table J-7B - Temporary Well Soil Sampling Results (March 2017)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-1	TMW-1	TMW-2	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	TMW-6
Depth	Ind Soil	0-1'	2'	0-1'	4.5'	0-1'	0-1'	0-1'	0-1'	2'
Sampling Date		3/22/2017	3/22/2017	3/22/2017	3/22/2017	3/22/2017	3/22/2017	3/22/2017	3/22/2017	3/22/2017
VOCs – Method SW8260B (mg/kg)										
Acetone	670000	<0.18	<0.15	0.27	<0.14	<0.28	<0.16	<0.21	0.23	<0.16
SVOCs – Method SW8270D (mg/kg)										
2,3,4,6-Tetrachlorophenol	25000	<0.51	0.83	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
2,4,6-Trichlorophenol	210	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
2,4-Dimethylphenol	16000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
2,4-Dinitrophenol	1600	<2.6	<2.0	<2.2	<2.4	<3.5	<2.0	<2.5	<2.3	<2.6
2-Chlorophenol	5800	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
2-Methylnaphthalene	3000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
2-Methylphenol (o-cresol)	41000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
3,4-Methylphenol (m and p-cresol)*	41000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Acenaphthene	45000	<0.51	0.61	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Acenaphthylene	N/A	0.66	0.74	<0.42	<0.41	<0.68	<0.39	<0.48	0.87	<0.51
Anthracene	230000	1.6	4.9	<0.42	<0.41	<0.68	0.40	1.1	1.6	<0.51
Benz(a)anthracene	21.0	1.6	4.0	<0.42	<0.41	0.78	0.52	1.1	2.0	<0.51
Benzo(a)pyrene	2.1	1.1	2.7	0.42	<0.41	0.76	0.42	0.92	2.2	<0.51
Benzo(b)fluoranthene	21.0	2.2	5.8	0.93	<0.41	1.6	0.83	2.0	5.4	0.71
Benzo(k)fluoranthene	210	0.84	1.3	<0.42	<0.41	<0.68	<0.39	0.58	1.5	<0.51
Carbazole	N/A	0.55	0.75	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Chrysene	2100	1.8	4.5	0.58	<0.41	1.1	0.62	1.2	3.2	<0.51
Dibenz(a,h)anthracene	2.1	<0.51	0.42	<0.42	<0.41	<0.68	<0.39	<0.48	0.48	<0.51
Dibenzofuran	1000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Fluoranthene	30000	2.5	14.0	0.88	<0.41	1.6	1.1	2.3	3.5	<0.51
Fluorene	30000	<0.51	0.62	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Indeno(1,2,3-cd)pyrene	21.0	0.99	1.3	<0.42	<0.41	<0.68	<0.39	0.48	1.2	<0.51
Naphthalene	17.0	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Pentachlorophenol	4.0	10.0	9.4	<2.2	<2.4	4.3	2.2	6.2	<2.3	<2.6
Phenanthrene	N/A	0.51	1.9	<0.42	<0.41	<0.68	0.42	0.93	0.58	<0.51
Phenol	250000	<0.51	<0.4	<0.42	<0.41	<0.68	<0.39	<0.48	<0.45	<0.51
Pyrene	23000	2.3	9.0	0.79	<0.41	1.4	0.89	1.8	3.6	<0.51
TOTAL SVOCs		26.65	62.77	3.600	BRL	11.54	7.4	18.61	26.13	0.71
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7471B (mg/kg)										
Aluminum	1100000	14,700	14,900	23,300	23,100	27,400	11,600	11,800	28,700	20,900
Arsenic	3.0	9.20	10.9	9.19	9.55	13.8	<4.93	5.82	14.5	<5.34
Barium	220000	94.7	79.4	92.0	76.9	164	132	82.9	72.4	51.1
Cadmium	N/A	<2.06	<2.09	<2.44	<2.56	<3.11	<2.47	<2.09	<3.04	<2.67
Chromium	N/A	35.2	38.3	107	32.8	61.9	67.0	32.7	40.1	43.3
Cobalt	350	7.50	6.31	15.0	7.17	31.5	11.5	5.73	9.92	3.96
Copper	47000	55.3	37.6	36.1	48.3	62.5	17.2	27.6	53.6	34.8
Lead	N/A	73.0	84.8	71.3	13.4	80.4	30.5	34.7	108	25.7
Nickel	N/A	11.8	10.0	16.1	16.4	24.2	34.4	9.95	16.8	10.8
Selenium	N/A	<4.12	<4.17	<4.88	<5.11	<6.23	<4.93	<4.17	<6.07	<5.34
Vanadium	N/A	43.0	39.0	62.4	78.5	81.9	40.4	37.1	103	76.0
Zinc	N/A	117	175	86.2	69.9	164	68.5	75.6	66.7	54.2
Mercury	N/A	<0.150	0.644	<0.121	<0.123	<0.195	<0.105	<0.131	<0.116	<0.145
TOTAL METALS		15,146.7	15,381.954	23,795.29	23,452.92	28,084.2	12,001.5	12,112.1	29,185.02	21,199.86

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only.

clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

* RSL for m-cresol is 41,000 mg/kg. RSL for p-cresol is 82,000 mg/kg. Lowest value listed on table.

Table J-7B - Temporary Well Soil Sampling Results (March 2017)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-7	TMW-7	TMW-8	TMW-8	TMW-9	TMW-10	TMW-11	TMW-12
Depth	Ind Soil	0-1'	2'	0-1'	9'	0-1'	0-1'	0-1'	0-1'
Sampling Date		3/23/2017	3/23/2017	3/23/2017	3/23/2017	3/23/2017	3/23/2017	3/23/2017	3/24/2017
VOCs – Method SW8260B (mg/kg)									
Acetone	670000	<0.33	<0.27	<0.22	<0.16	<0.22	0.38	<0.28	0.39
SVOCs – Method SW8270D (mg/kg)									
2,3,4,6-Tetrachlorophenol	25000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	1.8	<0.49
2,4,6-Trichlorophenol	210	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
2,4-Dimethylphenol	16000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
2,4-Dinitrophenol	1600	<3.4	<3.1	<2.3	<2.2	<2.7	<3.3	<3.2	<2.5
2-Chlorophenol	5800	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
2-Methylnaphthalene	3000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
2-Methylphenol (o-cresol)	41000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
3,4-Methylphenol (m and p-cresol)*	41000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
Acenaphthene	45000	<0.66	<0.6	<0.45	<0.42	30.0	3.8	5.2	<0.49
Acenaphthylene	N/A	1.3	<0.6	<0.45	<0.42	3.9	2.5	6.3	<0.49
Anthracene	230000	2.1	<0.6	<0.45	<0.42	9.5	15.0	12.0	0.68
Benz(a)anthracene	21.0	2.6	1.1	<0.45	<0.42	31.0	15.0	6.0	0.71
Benzo(a)pyrene	2.1	2.9	1.2	<0.45	<0.42	58.0	9.7	8.3	0.81
Benzo(b)fluoranthene	21.0	6.3	2.6	<0.45	<0.42	110.0	16.0	15.0	2.1
Benzo(k)fluoranthene	210	2.0	0.79	<0.45	<0.42	24.0	5.2	3.0	<0.49
Carbazole	N/A	<0.66	<0.6	<0.45	<0.42	2.3	2.9	3.7	<0.49
Chrysene	2100	3.7	1.5	<0.45	<0.42	45.0	19.0	7.0	0.87
Dibenz(a,h)anthracene	2.1	<0.66	<0.6	<0.45	<0.42	11.0	1.2	1.8	<0.49
Dibenzofuran	1000	<0.66	<0.6	<0.45	<0.42	2.3	2.4	0.66	<0.49
Fluoranthene	30000	5.5	1.4	<0.45	<0.42	36.0	52.0	13.0	1.4
Fluorene	30000	<0.66	<0.6	<0.45	<0.42	26.0	5.5	3.8	<0.49
Indeno(1,2,3-cd)pyrene	21.0	1.6	<0.6	<0.45	<0.42	31.0	2.5	5.1	<0.49
Naphthalene	17.0	<0.66	<0.6	<0.45	<0.42	1.4	<0.65	0.66	<0.49
Pentachlorophenol	4.0	4.0	<3.1	<2.3	<2.2	<0.53	<0.65	<0.62	<0.49
Phenanthrene	N/A	1.0	0.71	<0.45	<0.42	2.4	25.0	3.0	0.82
Phenol	250000	<0.66	<0.6	<0.45	<0.42	<0.53	<0.65	<0.62	<0.49
Pyrene	23000	4.9	1.6	<0.45	<0.42	28.0	36.0	8.3	1.2
TOTAL SVOCs		37.9	10.9	BRL	BRL	451.8	213.7	104.62	8.59
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7471B (mg/kg)									
Aluminum	1100000	22,200	16,600	32,000	26,200	16,200	13,800	23,200	14,000
Arsenic	3.0	25.9	7.23	9.83	5.14	9.65	<9.07	14.5	7.06
Barium	220000	155	89.0	69.2	80.6	78.0	108	166	107
Cadmium	N/A	<4.92	<2.86	<2.23	<1.93	<3.13	<4.53	<2.63	<2.03
Chromium	N/A	62.6	39.3	37.9	27.4	237	41.0	50.6	50.5
Cobalt	350	16.8	26.9	9.41	3.67	5.84	11.4	9.59	52.7
Copper	47000	76.4	41.5	31.3	35.2	35.0	49.3	60.4	31.6
Lead	N/A	150	106	24.0	13.5	92.6	82.3	145	64.8
Nickel	N/A	20.2	19.2	13.1	13.6	11.4	14.7	16.7	9.48
Selenium	N/A	<9.83	<5.73	<4.46	<3.86	<6.26	<9.07	<5.25	<4.05
Vanadium	N/A	78.7	69.8	85.0	64.0	46.5	47.6	66.2	37.7
Zinc	N/A	179	114	42.0	49.5	588	356	196	49.0
Mercury	N/A	0.239	<0.160	<0.130	<0.112	0.286	<0.184	<0.186	<0.144
TOTAL METALS		22,964.839	17,112.93	32,321.74	26,492.61	17,304.276	14,510.3	23,924.99	14,409.84

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only,

clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

* RSL for m-cresol is 41,000 mg/kg. RSL for p-cresol is 82,000 mg/kg. Lowest value listed on table.

Table J-7B - Temporary Well Soil Sampling Results (March 2017)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-13	TMW-13	TMW-14	TMW-14	TMW-15	TMW-15	TMW-16	TMW-16
Depth	Ind Soil	0-1'	2'	0-1'	2.5'	0-1'	4'	0-1'	3.5'
Sampling Date		3/24/2017	3/24/2017	3/24/2017	3/24/2017	3/24/2017	3/24/2017	3/24/2017	3/24/2017
VOCs – Method SW8260B (mg/kg)									
Acetone	670000	<0.18	<0.16	<0.27	<0.22	0.58	<0.15	<0.15	<0.13
SVOCs – Method SW8270D (mg/kg)									
2,3,4,6-Tetrachlorophenol	25000	<0.43	<0.43	0.77	<0.49	<0.57	<0.41	<0.42	<0.41
2,4,6-Trichlorophenol	210	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
2,4-Dimethylphenol	16000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
2,4-Dinitrophenol	1600	<2.2	<2.2	<3.2	<2.5	<3.0	<2.1	<2.1	<2.1
2-Chlorophenol	5800	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
2-Methylnaphthalene	3000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
2-Methylphenol (o-cresol)	41000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
3,4-Methylphenol (m and p-cresol)*	41000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
Acenaphthene	45000	0.47	1.0	<0.62	2.1	<0.57	<0.41	<0.42	<0.41
Acenaphthylene	N/A	0.52	<0.43	2.8	<0.49	<0.57	<0.41	<0.42	<0.41
Anthracene	230000	1.6	0.60	4.7	0.78	<0.57	<0.41	<0.42	<0.41
Benz(a)anthracene	21.0	2.2	1.1	3.2	0.61	<0.57	<0.41	<0.42	<0.41
Benzo(a)pyrene	2.1	2.3	0.44	3.3	0.97	<0.57	<0.41	<0.42	<0.41
Benzo(b)fluoranthene	21.0	3.1	1.0	5.3	2.9	<0.57	<0.41	<0.42	<0.41
Benzo(k)fluoranthene	210	1.2	<0.43	1.3	<0.49	<0.57	<0.41	<0.42	<0.41
Carbazole	N/A	0.74	<0.43	1.9	<0.49	<0.57	<0.41	<0.42	<0.41
Chrysene	2100	2.3	1.2	3.3	1.2	<0.57	<0.41	<0.42	<0.41
Dibenz(a,h)anthracene	2.1	<0.43	<0.43	0.87	<0.49	<0.57	<0.41	<0.42	<0.41
Dibenzofuran	1000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
Fluoranthene	30000	4.7	4.8	6.7	1.3	<0.57	<0.41	0.56	<0.41
Fluorene	30000	0.48	0.51	<0.62	1.1	<0.57	<0.41	<0.42	<0.41
Indeno(1,2,3-cd)pyrene	21.0	1.6	<0.43	3.8	1.1	<0.57	<0.41	<0.42	<0.41
Naphthalene	17.0	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
Pentachlorophenol	4.0	5.0	<2.2	<3.2	<2.5	<3.0	<2.1	<2.1	<2.1
Phenanthrene	N/A	3.4	<0.43	2.1	<0.49	<0.57	<0.41	<0.42	<0.41
Phenol	250000	<0.43	<0.43	<0.62	<0.49	<0.57	<0.41	<0.42	<0.41
Pyrene	23000	3.6	3.3	5.2	1.2	<0.57	<0.41	0.43	<0.41
TOTAL SVOCs		33.21	13.95	45.24	13.26	BRL	BRL	0.99	BRL
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7471B (mg/kg)									
Aluminum	1100000	12,400	5,240	21,600	18,700	24,000	23,900	19,600	20,900
Arsenic	3.0	8.6	<4.95	17.3	11.8	9.83	<4.72	7.34	5.14
Barium	220000	74.2	52.1	158	87.6	98.8	56	93.3	67.1
Cadmium	N/A	<2.02	<2.48	<3.06	<2.54	<3.29	<2.36	<2.86	<2.10
Chromium	N/A	31.8	31.9	56.6	97.8	34.3	42.3	21.6	36.2
Cobalt	350	7.07	5.5	13.6	10.1	7.18	<2.36	6.16	3.01
Copper	47000	38.8	16.2	73.2	45.1	33.9	20.3	21.2	18.9
Lead	N/A	78.9	35.2	156	131	71.4	14.1	82.4	10.4
Nickel	N/A	9.67	<4.95	16.9	13.3	10.5	9.0	8.46	7.51
Selenium	N/A	<4.04	<4.95	<6.13	<5.07	<6.57	<4.72	<5.72	<4.20
Vanadium	N/A	40.0	21.9	96.1	80.2	63.9	65.6	44.9	60.5
Zinc	N/A	110	60.5	170	156	89.8	45.2	90.6	27.6
Mercury	N/A	<0.127	<0.110	0.186	0.153	<0.148	<0.112	<0.115	<0.119
TOTAL METALS		12,799.04	5,463.3	22,357.886	19,333.053	24,419.61	24,152.5	19,975.96	21,136.36

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only,

clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

Table J-7C - Temporary Well Soil Sampling Results (March 2019)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-17	TMW-17	TMW-18	TMW-18	TMW-19	TMW-19	TMW-20	TMW-21
Depth	Ind Soil	4-5'	14-15'	4-5'	14-15'	4-5'	14-15'	0-2'	0-2'
Sampling Date		2/13/2019	2/13/2019	2/13/2019	2/13/2019	2/13/2019	2/13/2019	2/14/2019	2/14/2019
VOCs – Method SW8260D (mg/kg)									
Acetone	670000	<0.22	<0.17	<0.20	<0.22	<0.20	<0.20	<0.15	<0.19
1,2,4-Trimethylbenzene	1800	<0.011	<0.0083	<0.0098	<0.011	<0.0098	<0.0100	<0.0077	<0.0093
Tetrachloroethene	100	<0.011	<0.0083	<0.0098	<0.011	<0.0098	<0.0100	<0.0077	<0.0093
SVOCs – Method SW8270E (mg/kg)									
2,3,4,6-Tetrachlorophenol	25000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
2,4,6-Trichlorophenol	210	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
2,4-Dimethylphenol	16000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
2,4-Dinitrophenol	1600	<2.1	<2.0	<1.9	<2.1	<1.8	<2.0	<1.9	<2.0
2-Chlorophenol	5800	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
2-Methylnaphthalene	3000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
2-Methylphenol (o-cresol)	41000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
3,4-Methylphenol (m and p-cresol)*	41000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Acenaphthene	45000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Acenaphthylene	N/A	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Anthracene	230000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	0.59	<0.39
Benz(a)anthracene	21.0	0.78	<0.40	<0.38	<0.40	<0.36	<0.39	0.45	<0.39
Benzo(a)pyrene	2.1	0.84	<0.40	<0.38	<0.40	<0.36	<0.39	0.67	<0.39
Benzo(b)fluoranthene	21.0	1.20	<0.40	<0.38	<0.40	<0.36	<0.39	1.30	<0.39
Benzo(k)fluoranthene	210	0.53	<0.40	<0.38	<0.40	<0.36	<0.39	0.49	<0.39
Carbazole	N/A	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Chrysene	2100	0.87	<0.40	<0.38	<0.40	<0.36	<0.39	0.50	<0.39
Dibenz(a,h)anthracene	2.1	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Dibenzofuran	1000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Fluoranthene	30000	1.90	<0.40	<0.38	<0.40	<0.36	<0.39	0.71	<0.39
Fluorene	30000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Indeno(1,2,3-cd)pyrene	21.0	0.47	<0.40	<0.38	<0.40	<0.36	<0.39	0.57	<0.39
Naphthalene	17.0	0.74	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Pentachlorophenol	4.0	<2.1	<2.0	<1.9	<2.1	<1.8	<2.0	<1.9	<2.0
Phenanthrene	N/A	2.20	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Phenol	250000	<0.42	<0.40	<0.38	<0.40	<0.36	<0.39	<0.37	<0.39
Pyrene	23000	1.50	<0.40	<0.38	<0.40	<0.36	<0.39	0.75	<0.39
TOTAL SVOCs		11.03	BRL	BRL	BRL	BRL	BRL	6.03	BRL
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7473 (mg/kg)									
Aluminum	1100000	14,000	23,900	16,500	13,800	26,400	25,200	10,900	19,900
Arsenic	3.0	<76.5	<61.6	<76.2	<65.1	<76.2	<77.5	<61.7	<66.7
Barium	220000	398	257	107	162	227	265	63.3	91.2
Cadmium	N/A	<0.51	<0.41	<0.51	<0.43	<0.51	<0.52	<0.41	<0.44
Chromium	N/A	104	64.5	48.6	47.8	45.4	48.0	32.9	37.2
Cobalt	350	46.4	25.8	34.1	56.0	28.0	17.1	5.93	5.93
Copper	47000	43.0	16.2	57.5	132	2.68	1.4	25.2	21.1
Lead	N/A	46.9	17.5	12.6	33.6	12.1	12.4	53.4	68.5
Nickel	N/A	62.3	42.0	39.3	35.3	35.0	30.1	8.96	9.38
Selenium	N/A	<25.5	<20.5	<25.4	<21.7	<25.4	<25.8	<20.6	<22.2
Vanadium	N/A	159	81.6	80.7	111	62.7	63.1	39.1	61.6
Zinc	N/A	252	162	137	126	104	114	81.6	66.4
Mercury	N/A	0.180	0.120	<0.115	<0.121	<0.108	<0.117	0.122	0.152
TOTAL METALS		15,111.78	24,566.72	17,016.80	14,503.70	26,916.88	25,751.10	11,210.51	20,261.46

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only, clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

Table J-7C - Temporary Well Soil Sampling Results (March 2019)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-22	TMW-22	TMW-23	TMW-23	TMW-24	TMW-24	TMW-25	TMW-25
Depth	Ind Soil	0-1'	3'	0-1'	4'	0-1'	5'	0-1'	5'
Sampling Date		3/25/2019	3/25/2019	3/25/2019	3/25/2019	3/25/2019	3/25/2019	3/25/2019	3/25/2019
VOCs – Method SW8260D (mg/kg)									
Acetone	670000	0.38	<0.21	<0.19	<0.42	<0.17	<0.30	<0.22	<0.38
1,2,4-Trimethylbenzene	1800	<0.011	<0.011	<0.0097	<0.021	<0.0087	<0.015	<0.011	0.20
Tetrachloroethene	100	<0.011	<0.011	<0.0097	<0.021	<0.0087	<0.015	<0.011	<0.019
SVOCs – Method SW8270E (mg/kg)									
2,3,4,6-Tetrachlorophenol	25000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
2,4,6-Trichlorophenol	210	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
2,4-Dimethylphenol	16000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
2,4-Dinitrophenol	1600	<2.4	<2.5	<2.1	<3.4	<2.3	<3.1	<2.6	<3.3
2-Chlorophenol	5800	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
2-Methylnaphthalene	3000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	130
2-Methylphenol (o-cresol)	41000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
3,4-Methylphenol (m and p-cresol)*	41000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
Acenaphthene	45000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	0.89	140
Acenaphthylene	N/A	<0.46	<0.48	<0.42	0.69	<0.45	<0.60	<0.50	2.5
Anthracene	230000	<0.46	<0.48	<0.42	2.50	<0.45	<0.60	4.50	100
Benz(a)anthracene	21.0	<0.46	<0.48	0.44	0.92	<0.45	<0.60	2.50	27.0
Benzo(a)pyrene	2.1	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	1.10	9.0
Benzo(b)fluoranthene	21.0	0.70	<0.48	0.82	1.30	0.69	<0.60	2.80	17.0
Benzo(k)fluoranthene	210	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	1.0	4.0
Carbazole	N/A	<0.46	<0.48	<0.42	1.80	<0.45	<0.60	<0.50	29.0
Chrysene	2100	<0.46	<0.48	0.53	0.90	0.49	<0.60	3.70	27.0
Dibenz(a,h)anthracene	2.1	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	1.1
Dibenzofuran	1000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	4.8
Fluoranthene	30000	<0.46	<0.48	0.88	2.0	0.94	0.70	11.0	230
Fluorene	30000	<0.46	<0.48	<0.42	0.66	<0.45	<0.60	1.60	180
Indeno(1,2,3-cd)pyrene	21.0	<0.46	<0.48	<0.42	0.77	<0.45	<0.60	0.63	3.0
Naphthalene	17.0	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	85.0
Pentachlorophenol	4.0	<2.4	<2.5	<2.1	13.0	<2.3	<3.1	2.90	<3.3
Phenanthrene	N/A	<0.46	<0.48	<0.42	0.66	<0.45	<0.60	6.10	410
Phenol	250000	<0.46	<0.48	<0.42	<0.66	<0.45	<0.60	<0.50	<0.63
Pyrene	23000	<0.46	<0.48	0.68	1.40	0.75	<0.60	7.30	130
TOTAL SVOCs		0.70	BRL	3.35	26.60	2.87	0.70	46.02	1,529.40
TOTAL METALS / TOTAL MERCURY – Method SW6020B / Method SW7471B (mg/kg)									
Aluminum	1100000	22,200	17,500	12,700	31,100	11,900	21,300	20,500	20,600
Arsenic	3.0	<102	<87.2	<90.0	<131	<78.1	<107	<93.7	<134
Barium	220000	106	74.2	90.5	196	89	83.3	138	150
Cadmium	N/A	<0.68	<0.58	1.17	<0.87	<0.52	<0.72	<0.62	<0.90
Chromium	N/A	57.5	42.0	41.7	74.7	41.2	185	64.3	93.7
Cobalt	350	12.2	9.17	8.48	12.3	6.7	6.77	16.9	10.6
Copper	47000	40.6	21.5	39.7	78.5	37.3	34.0	64.2	83.0
Lead	N/A	89.0	24.4	55.2	331	60.7	22.6	97.6	108
Nickel	N/A	14.4	8.42	13.0	26.6	11.4	10.3	19.9	21.3
Selenium	N/A	<34.2	<29.1	<30.0	<43.7	<26.0	<35.8	<31.2	<44.7
Vanadium	N/A	74.5	57.7	46.1	106	53.6	103	88.1	88.1
Zinc	N/A	218	133	103	302	114	126	204	396
Mercury	N/A	<0.139	<0.144	<0.120	0.246	<0.134	<0.731	0.219	0.280
TOTAL METALS		22,812.20	17,870.39	13,098.85	32,227.346	12,313.90	21,870.97	21,193.219	21,550.98

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only, clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

Table J-7C - Temporary Well Soil Sampling Results (March 2019)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-26	TMW-26	TMW-27	TMW-27	TMW-28	TMW-28	TMW-29	TMW-29
Depth	Ind Soil	0-1'	10'	0-1'	4'	0-1'	5'	0-1'	5'
Sampling Date		3/25/2019	3/25/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019
VOCs – Method SW8260B (mg/kg)									
Acetone	670000	<0.22	<0.20	<0.17	<0.20	<0.31	<0.34	<0.18	<0.19
1,2,4-Trimethylbenzene	1800	<0.011	<0.0098	<0.0083	<0.0098	<0.015	<0.017	<0.0092	<0.0093
Tetrachloroethene	100	<0.011	<0.0098	<0.0083	<0.0098	<0.015	<0.017	<0.0092	<0.0093
SVOCs – Method SW8270D (mg/kg)									
2,3,4,6-Tetrachlorophenol	25000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
2,4,6-Trichlorophenol	210	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
2,4-Dimethylphenol	16000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
2,4-Dinitrophenol	1600	<2.7	<2.1	<2.1	<2.5	<2.3	<2.8	<2.0	<2.3
2-Chlorophenol	5800	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
2-Methylnaphthalene	3000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
2-Methylphenol (o-cresol)	41000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
3,4-Methylphenol (m and p-cresol)*	41000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
Acenaphthene	45000	<0.52	<0.41	<0.41	<0.49	<0.45	1.40	<0.39	0.93
Acenaphthylene	N/A	<0.52	<0.41	<0.41	<0.49	<0.45	0.58	<0.39	<0.44
Anthracene	230000	<0.52	<0.41	<0.41	<0.49	<0.45	1.90	<0.39	<0.44
Benz(a)anthracene	21.0	0.87	<0.41	<0.41	<0.49	<0.45	2.70	0.53	<0.44
Benzo(a)pyrene	2.1	0.98	<0.41	<0.41	<0.49	<0.45	5.30	<0.39	<0.44
Benzo(b)fluoranthene	21.0	2.0	<0.41	<0.41	<0.49	<0.45	8.80	0.99	<0.44
Benzo(k)fluoranthene	210	0.79	<0.41	<0.41	<0.49	<0.45	2.40	<0.39	<0.44
Carbazole	N/A	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
Chrysene	2100	1.40	<0.41	<0.41	<0.49	<0.45	4.50	0.80	<0.44
Dibenz(a,h)anthracene	2.1	<0.52	<0.41	<0.41	<0.49	<0.45	1.40	<0.39	<0.44
Dibenzofuran	1000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
Fluoranthene	30000	1.70	<0.41	<0.41	<0.49	<0.45	4.90	1.50	1.70
Fluorene	30000	<0.52	<0.41	<0.41	<0.49	<0.45	1.10	<0.39	1.30
Indeno(1,2,3-cd)pyrene	21.0	0.69	<0.41	<0.41	<0.49	<0.45	4.10	<0.39	<0.44
Naphthalene	17.0	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
Pentachlorophenol	4.0	<2.7	<2.1	<2.1	<2.5	<2.3	<2.8	<2.0	<2.3
Phenanthrene	N/A	<0.52	<0.41	<0.41	<0.49	<0.45	0.60	<0.39	<0.44
Phenol	250000	<0.52	<0.41	<0.41	<0.49	<0.45	<0.55	<0.39	<0.44
Pyrene	23000	2.0	<0.41	<0.41	<0.49	<0.45	4.40	1.10	0.81
TOTAL SVOCs		10.43	BRL	BRL	BRL	BRL	44.08	4.92	4.74
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7471B (mg/kg)									
Aluminum	1100000	18,500	26,500	11,800	30,200	10,400	20,500	13,900	16,600
Arsenic	3.0	<97.3	<72.3	<76.3	<71.6	<86.6	<83.2	<73.0	<56.1
Barium	220000	94.1	225	71.7	97.0	63.5	122	96.2	53.7
Cadmium	N/A	<0.65	<0.48	<0.51	<0.48	<0.58	0.59	<0.49	<0.37
Chromium	N/A	49.8	47.0	31.2	58.7	35.1	543	32.3	110
Cobalt	350	16.8	11.9	8.09	7.63	6.38	9.61	11.8	5.11
Copper	47000	65.2	37.2	35.2	36.9	26.2	52.8	45.7	39.1
Lead	N/A	87.5	19.6	50.0	25.2	45.1	127	143	26.1
Nickel	N/A	24.0	25.6	9.64	11.6	8.79	18.2	12.8	11.3
Selenium	N/A	<32.4	<24.1	<25.4	<23.9	<28.9	<27.7	<24.3	<18.7
Vanadium	N/A	127.0	93.7	63.3	110	63.0	104	76.3	55.9
Zinc	N/A	98.6	99.6	72.3	88.1	54.8	1120	83.6	232
Mercury	N/A	<0.148	<0.122	<0.120	<0.145	<0.130	<0.627	<0.119	<0.134
TOTAL METALS		19,063.00	27,059.60	12,141.43	30,635.13	10,702.87	22,597.20	14,401.70	17,133.21

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only, clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

Table J-7C - Temporary Well Soil Sampling Results (March 2019)
 Supplemental Phase 4 Progress Report
 William C. Meredith Company
 Permit Number: HW-062(D)

Sample ID	RSL	TMW-29	TMW-30	TMW-30	TMW-31	TMW-31	TMW-32	TMW-32	TMW-33	TMW-33
Depth	Ind Soil	7'	0-1'	8'	0-1'	4'	0-1'	4'	0-1'	5'
Sampling Date		3/25/2019	3/25/2019	3/25/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019	3/26/2019
VOCs – Method SW8260B (mg/kg)										
Acetone	670000	<0.16	<0.17	<0.22	<0.23	<0.090	<0.17	<0.21	<0.16	<0.18
1,2,4-Trimethylbenzene	1800	<0.0081	<0.0087	<0.011	<0.011	<0.0045	<0.0083	<0.010	<0.0081	<0.0091
Tetrachloroethene	100	<0.0081	<0.0087	<0.011	<0.011	<0.0045	<0.0083	<0.010	<0.0081	0.023
SVOCs – Method SW8270D (mg/kg)										
2,3,4,6-Tetrachlorophenol	25000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
2,4,6-Trichlorophenol	210	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
2,4-Dimethylphenol	16000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
2,4-Dinitrophenol	1600	<2.1	<2.2	<2.3	<2.3	<2.1	<2.2	<2.3	<2.1	<2.3
2-Chlorophenol	5800	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
2-Methylnaphthalene	3000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
2-Methylphenol (o-cresol)	41000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
3,4-Methylphenol (m and p-cresol)*	41000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
4-Chloro-3-methylphenol (cresol, p-chloro-m-)	82000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Acenaphthene	45000	17.0	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Acenaphthylene	N/A	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Anthracene	230000	6.20	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Benz(a)anthracene	21.0	4.10	<0.43	<0.44	0.77	<0.41	<0.42	<0.44	<0.40	<0.44
Benzo(a)pyrene	2.1	0.89	<0.43	<0.44	1.40	<0.41	<0.42	<0.44	<0.40	<0.44
Benzo(b)fluoranthene	21.0	2.10	<0.43	<0.44	3.20	<0.41	0.43	<0.44	<0.40	<0.44
Benzo(k)fluoranthene	210	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Carbazole	N/A	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Chrysene	2100	4.0	<0.43	<0.44	1.30	<0.41	<0.42	<0.44	<0.40	<0.44
Dibenz(a,h)anthracene	2.1	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Dibenzofuran	1000	3.70	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Fluoranthene	30000	30.0	<0.43	<0.44	1.50	<0.41	<0.42	<0.44	<0.40	<0.44
Fluorene	30000	20.0	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Indeno(1,2,3-cd)pyrene	21.0	<0.40	<0.43	<0.44	1.10	<0.41	<0.42	<0.44	<0.40	<0.44
Naphthalene	17.0	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Pentachlorophenol	4.0	<2.1	<2.2	<2.3	<2.3	<2.1	<2.2	<2.3	<2.1	<2.3
Phenanthrene	N/A	6.10	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Phenol	250000	<0.40	<0.43	<0.44	<0.44	<0.41	<0.42	<0.44	<0.40	<0.44
Pyrene	23000	16.0	<0.43	<0.44	1.60	<0.41	<0.42	<0.44	<0.40	<0.44
TOTAL SVOCs		110.09	BRL	BRL	10.87	BRL	0.43	BRL	BRL	BRL
TOTAL METALS / TOTAL MERCURY – Method SW6010D / Method SW7471B (mg/kg)										
Aluminum	1100000	6,630	22,200	22,100	20,900	15,300	19,600	8,050	14,800	4,680
Arsenic	3.0	<78.8	<78.5	<70.8	<99.4	<92.3	<65.8	<84.5	<60.6	<68.9
Barium	220000	31.5	61.6	78.3	90.2	52.2	102	54.3	118	30.3
Cadmium	N/A	<0.52	<0.52	<0.47	0.73	<0.62	<0.44	<0.56	<0.40	1.76
Chromium	N/A	20.1	45.8	35.7	65.3	29.1	57.8	16.7	48.9	11.0
Cobalt	350	3.18	5.28	4.79	25.8	3.75	16.7	<2.82	12.5	3.57
Copper	47000	13.1	32.6	26.7	28.4	18.3	53.5	8.63	29.5	14.2
Lead	N/A	48.4	110	21.0	33.4	12.5	48.2	6.69	116	5.54
Nickel	N/A	4.64	10.1	14.3	13.0	6.66	19.5	5.12	9.94	5.23
Selenium	N/A	<26.3	<26.2	<23.6	<33.1	<30.8	<21.9	<28.2	<20.2	<23.0
Vanadium	N/A	20.8	115.0	73.4	71.1	53.7	75.8	19.4	67.2	13.6
Zinc	N/A	179	45.5	43.3	293	21.4	133	65.6	59.9	20.0
Mercury	N/A	<0.120	<0.125	<0.127	<0.137	<0.126	0.140	<0.135	<0.116	<0.137
TOTAL METALS		6,950.72	22,625.88	22,397.49	21,520.93	15,497.61	20,106.64	8,226.44	15,261.94	4,785.20

Notes:

Units are in milligrams per kilogram (mg/kg).

Samples were analyzed for site-specific SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

BRL = Below Laboratory Reporting Limits

RSL values for Industrial Soil taken from EPA's June 2017 Regional Screening Levels table. The RSL is included for comparative purposes only.

clean-up standards have not been established.

N/A = no standard

Red = value exceeds the RSL for Industrial Soil.

TABLE 7D - DIOXIN RESULTS (MARCH 2019)
 SUPPLEMENTAL PHASE 4 PROGRESS REPORT
 W.C.MEREDITH COMPANY
 EAST POINT, GA
 PERMIT NUMBER: HW- 062 (D)

SAMPLE I.D. (Depth)	DATE	PENTA CDD	HEXA CDD	HEXA CDF	PENTA CDF	TCDD	TCDF	Total HpCDD	Total HpCDF	OCDD	OCDF
RSLs (ng/kg)		N/A	N/A	N/A	N/A	22	N/A	470	N/A	N/A	N/A
TMW-5 (5 ft-bgs)	3/25/2019	270	7,200	7,900	1,100	85	140	36,000	66,000	130,000	50,000

ng/kg= All data reported in nanograms per kg (1 part per trillion)

Detections are shown in bold

Red = value exceeds the RSL for Industrial Soil.

Table J-8 - Surface Water Sampling Results (2014 - 2018)
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID		SW-5				SW-6				SW-7				SW-8				SW-9		SW-10	
Sampling Date	Screening Value	3/14/2014	1/21/2015	4/27/2017	11/14/2018	3/14/2014	1/21/2015	4/27/2017	11/14/2018	3/14/2014	1/21/2015	4/27/2017	11/14/2018	3/14/2014	1/21/2015	4/27/2017	11/14/2018	4/27/2017	11/14/2018	4/27/2017	11/14/2018
VOCs – Method SW8260B (µg/L)																					
Benzene	160	3.5	3.4	2.2	1.1	1.4	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	410	1.9	1.6	<1.0	<1.0	1.9	1.5	<1.0	<1.0	4.3	4.0	4.5	<1.0	4.4	3.8	2.3	<1.0	1.8	<1.0	4.1	<1.0
Toluene	62.0	4.6	3.5	2.6	1.2	1.7	1.8	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	61.0	4.8	4.6	2.4	1.3	1.6	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	53.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0
Total Xylenes	27.0	11.4	10.5	5.4	<3.0	4.0	5.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
1,3,5-Trimethylbenzene	26.0	3.2	3.1	1.3	<1.0	1.2	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	15.0	9.1	8.3	3.1	2.0	2.9	4.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs		38.5	35	17	5.6	14.7	18.6	1.2	BRL	4.3	4	5.7	BRL	4.4	3.8	2.3	BRL	1.8	BRL	5.3	BRL
SVOCs – Method SW8270D (µg/L)																					
2,3,4,6-Tetrachlorophenol	1.2	16.0	24.0	22.0	<10.0	10.0	16.0	14.0	<10.0	<10.0	<10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2,4-Dimethylphenol	15.0	180	160	180	54	110	140	66.00	16	33.0	39.0	23.0	<10.0	12.0	13.0	<10.0	<10.0	<10.0	<10.0	25	<10.0
2-Methylnaphthalene	4.7	110	140	90.00	33	30.0	63.0	<10	<10.0	<10	<10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Methylphenol	67.0	160	160	140	20	97.0	100	55.0	<10.0	24.0	24.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	11	<10.0
3,4-Methylphenol	53.0*	310	260	190	29	140	140	46.0	<10.0	26.0	27.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Acenaphthene	15.0	180	160	160	47	110	150	72.0	26.0	40.0	54.0	18.0	11	18.0	23.0	<10.0	<10.0	<10.0	<10.0	25	14
Anthracene	0.02	13.0	17.0	13.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbazole	N/A	120	130	140	28	73.0	110	41.0	<10.0	16.0	23.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Dibenzofuran	4.0	100	150	110	28	66.0	97.0	33.0	11.0	21.0	30.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Fluoranthene	0.8	21.0	24.0	18.0	<10.0	15.0	16.0	11.0	<10.0	<10.0	14.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Fluorene	19.0	110	160	110	32	76.0	110	54.0	18.0	28.0	38.0	13.0	<10.0	14.0	17.0	<10.0	<10.0	<10.0	<10.0	18	<10.0
Naphthalene	21.0	570	750	150	150	36.0	130	<10.0	<10.0	<10.0	38.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Pentachlorophenol	15.0	<250	210	<130	54	150	180	110	35.0	58.0	72.0	38.0	53	<25.0	35.0	<25.0	55	<25.0	52	57	56
Phenanthrene	2.3	150	130	130	27	76.0	100	36.0	<10.0	15.0	28.0	<10.0	<10.0	<10.0	11.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Phenol	160	31.0	28.0	18.0	<10.0	14.0	15.0	<10.0	<10.0	<10.0	<10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
TOTAL SVOCs		2,071	2,503	1,471	502	1,003	1,367	538	106	261	387	92	64	44.0	110	BRL	55	BRL	52	136	70
Metals – Method SW6010C (mg/L)																					
Aluminum, total	0.087			0.35	4.83			0.102	3.49			<0.050	3.3			8.8	12.8	12.6	10.8	0.191	3.57
Arsenic, total	0.150	BRL	BRL	BRL	0.0244	BRL	BRL	BRL	0.032	BRL	BRL	BRL	0.017	BRL	BRL	BRL	0.0164	BRL	0.0797	BRL	0.0181
Barium, dissolved	0.22	0.0743				0.0685				0.064				0.0579							
Barium, total	0.22	0.0914	0.0835	0.0872	0.0847	0.0845	0.0806	0.0794	0.0729	0.0735	0.0756	0.0753	0.0739	0.045	0.0652	0.0522	0.139	0.0501	0.0882	0.0723	0.0787
Chromium, total	0.074	BRL	BRL	BRL	0.0329	BRL	BRL	BRL	0.0358	BRL	BRL	BRL	0.0208	BRL	BRL	BRL	0.0365	BRL	0.0156	BRL	0.0224
Cobalt, dissolved	0.019	<0.02				<0.02				<0.02				0.023							
Cobalt, total	0.019	<0.02	<0.02	0.0105	0.00553	<0.02	<0.02	0.0064	<0.005	<0.02	<0.02	<0.005	<0.005	<0.02	<0.02	0.0285	0.00925	0.0427	0.0423	<0.005	<0.005
Copper, total	0.009	<0.02	<0.02	<0.002	0.025	<0.02	<0.02	<0.002	0.0245	<0.02	<0.02	<0.002	0.0184	<0.02	<0.02	0.00299	0.04890	0.00381	0.01890	<0.002	0.0197
Lead, total	0.0025	<0.02	<0.02	<0.001	0.0298	<0.02	<0.02	<0.001	0.0211	<0.02	<0.02	<0.001	0.0255	<0.02	<0.02	0.00129	0.08860	0.00237	0.03160	0.00161	0.02780
Nickel, total	0.052	<0.02	<0.02	<0.005	<0.005	<0.02	<0.02	<0.005	<0.005	<0.02	<0.02	<0.005	<0.005	<0.02	<0.02	0.016	0.011	0.0211	0.0212	<0.005	<0.005
Vanadium, total	0.027	BRL	BRL	BRL	0.0138	BRL	BRL	BRL	0.0102	BRL	BRL	BRL	0.0109	BRL	BRL	BRL	0.0437	BRL	0.0171	BRL	0.0116
Zinc, total	0.12	0.0324	0.0221	0.0332	0.119	0.0219	<0.02	0.0116	0.101	<0.02	0.0305	<0.010	0.0741	<0.02	0.0253	0.0189	0.136	0.0273	0.0837	<0.010	0.078
TOTAL METALS		0.1981	0.1056	0.4809	5.1651	0.1749	0.0806	0.1994	3.7875	0.1375	0.1061	0.0753	3.5406	0.1259	0.0905	8.91988	13.32935	12.74738	11.19830	0.26491	3.82630

Notes:

VOCs/SVOCs are in micrograms per liter (µg/L), metals are in milligrams per liter (mg/L).

Only detected constituents are listed, samples were analyzed for SVOCs, VOCs, and metals.

Please note that samples were analyzed for aluminum (listed above) and mercury (non-detect) at EPD's request. These metals are not on the Facility's Permit.

Total Xylenes is the sum of m, p, and o-Xylene.

Detections are shown in bold.

BRL = Below laboratory reporting limits (Arsenic, Chromium, and Vanadium were not detected prior to the 11-14-18 sampling event)

Screening values taken from EPAs "Region 4 Ecological Risk Assessment Supplemental Guidance Interim Draft", 2015, Table 1a, Freshwater Screening Values, Chronic.

Please note, screening values for metals were assumed to be the same for dissolved and total metals.

* The screening value for 3-Methylphenol is 62.0 ug/L and the screening value for 4-Methylphenol is 53.0 ug/L. The lowest value is listed on the table.

N/A = no standard

RED = value exceeds the Screening Value

Table J-9A - Temporary Well Groundwater Sampling Results (2015 - 2016)
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	MCL	TW-13		TW-14		TW-15		TW-17		TW-18		TW-19	
Sampling Date		9/29/15	1/26/16	9/29/15	1/26/16	9/29/15	1/26/16	9/29/15	1/26/16	9/29/15	1/26/16	9/29/15	1/26/16
VOCs – Method SW8260B (µg/L)													
1,1-Dichloroethene	7.0	<1	3.7	<1	<1	<1	<1	<1	3.3	<1	<1	<1	<1
Benzene	5.0	<1	<1	<1	<1	<1	<1	1.0	1.1	<1	<1	<1	<1
1,2-Dichloroethane	5.0	9.9	31.0	<1	<1	1.3	<1	14.0	16.0	<1	<1	<1	<1
Trichloroethene	5.0	<1	2.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	5.0	<1	6.9	<1	<1	<1	<1	3.3	2.2	<1	<1	<1	<1
TOTAL VOCs		9.9	43.8	0	0	1.3	0	18.3	22.6	0	0	0	0
SVOCs – Method SW8270D (µg/L)													
2-Methylnaphthalene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	17.0	<10
Acenaphthene	N/A	<10	<10	38	73.0	<10	<10	29.0	18.0	<10	<10	44.0	18.0
Acenaphthylene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	N/A	<10	<10	<10	<10	<10	<10	15.0	12.0	<10	<10	16.0	<10
Benz(a)anthracene	N/A	<10	<10	<10	<10	<10	<10	12.0	10.0	<10	<10	<10	<10
Benzo(b)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	12.0	<10	<10	<10	<10	<10
Dibenzofuran	N/A	<10	32.0	<10	<10	<10	<10	<10	<10	<10	<10	23.0	<10
Fluoranthene	N/A	<10	<10	<10	<10	<10	<10	78.0	57.0	<10	<10	39.0	<10
Fluorene	N/A	<10	<10	26.0	49.0	<10	<10	28.0	19.0	<10	<10	57.0	22.0
Naphthalene	N/A	<10	340	<10	<10	43.0	<10	70.0	<10	<10	<10	<10	<10
Pentachlorophenol	1.0	40.0	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Phenanthrene	N/A	<10	<10	12.0	<10	<10	<10	52.0	35.0	<10	<10	100	23.0
Pyrene	N/A	<10	<10	<10	<10	<10	<10	46.0	36.0	<10	<10	21.0	<10
TOTAL SVOCs		40	372	76	122	43	BRL	342	187	BRL	BRL	317	63

Notes:

Units are in micrograms per liter (µg/l).

Samples were analyzed for site-specific VOCs and SVOCs. Metals were not analyzed.

Only detected constituents are listed.

Detections are shown in **bold**.

NS = Not Sampled

TW-12 and TW-16 were soil borings only, wells were not installed.

BRL = Below Laboratory Reporting Limit

MCL = Maximum Contaminant Level taken from EPA's June 2017 Regional Screening Levels table. The MCL is included for comparative purposes only, clean-up standards have not been established

Red = Value exceeds the MCL

Table J-9B -Temporary Well Groundwater Sampling Results (March 2017)

William C. Meredith Company

Permit Number: HW-062(D)

Sample ID	MCL	TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	TMW-7	DUP-1*	TMW-8
Sampling Date		3/29/2017	3/29/2017	3/29/2017	3/29/2017	3/29/2017	3/28/2017	3/28/2017	3/28/2017	3/28/2017
VOCS – Method SW8260B (ug/L)										
1,1-Dichloroethene	7.0	<1	<1	1.6	<1	<1	<1	2.7	3.6	<1
Acetone	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Butanone	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1-Trichloroethane	200	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5.0	<1	<1	4.4	2.9	3.0	<1	<1	<1	<1
1,2-Dichloroethane	5.0	<1	<1	14	6.1	<1	<1	19	26	<1
Trichloroethene	5.0	<1	<1	<1	<1	<1	<1	1.4	1.8	<1
Toluene	1000	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	5.0	<1	<1	2.8	<1	<1	<1	7.4	9.0	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1
m,p-Xylene	10000*	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10000*	<1	<1	3.5	1.2	<1	<1	<1	<1	<1
Styrene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	N/A	<1	<1	2.0	<1	<1	<1	<1	<1	<1
TOTAL VOCS		BRL	BRL	28.3	10.2	3.0	BRL	30.5	40.4	BRL
SVOCs – Method SW8270D (ug/L)										
2,3,4,6-Tetrachlorophenol	N/A	<10	<10	18	14	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	N/A	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	N/A	<10	<10	<10	15	51	<10	28	24	<10
2-Methylphenol (o-cresol)	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	N/A	33	<10	<10	15	33	<10	220	220	<10
Acenaphthylene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	N/A	<10	<10	<10	<10	<10	<10	16	13	<10
Benz(a)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(k)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	N/A	<10	<10	<10	<10	<10	<10	55	54	<10
Chrysene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenz(a,h)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	N/A	<10	<10	15	11	23	<10	120	110	<10
Fluoranthene	N/A	<10	<10	<10	<10	<10	<10	36	29	<10
Fluorene	N/A	<10	<10	<10	18	30	<10	160	140	<10
Indeno(1,2,3-cd)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	N/A	<10	19	1300	160	39	<10	22	18	<10
Pentachlorophenol	1.0	<25	<25	220	110	<25	<25	<25	<25	<25
Phenanthrene	N/A	<10	<10	<10	18	32	<10	190	200	<10
Phenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	N/A	<10	<10	<10	<10	<10	<10	17	13	<10
TOTAL SVOCs		33	19	1553	361	208	BRL	864	821	BRL
TOTAL METALS / TOTAL MERCURY - Method SW6010D / Method SW7471B (mg/L)										
Aluminum	N/A	<0.2	1.08	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arsenic	0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Barium	2.0	0.146	0.0397	0.0415	0.0934	0.0848	0.0262	0.0563	0.0728	<0.02
Cadmium	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	N/A	<0.02	0.0223	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	1.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead	0.015	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel	N/A	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Selenium	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	N/A	<0.02	0.0519	0.0814	<0.02	<0.02	0.312	0.0822	0.0845	<0.02
Mercury	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00022	<0.0002
TOTAL METALS		0.146	1.1939	0.1229	0.0934	0.0848	0.3382	0.1385	0.1575	BRL

Notes:

VOCS and SVOCs are in micrograms per liter (ug/L). Metals are in milligrams per liter (mg/L).

Samples were analyzed for site-specific VOCs, SVOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

NS = Not Sampled

BRL = Below Laboratory Reporting Limit

* DUP-1 collected from TMW-7

MCL = Maximum Contaminant Level taken from EPA's June 2017 Regional Screening Levels table. The MCL is included for comparative purposes only.

clean-up standards have not been established

Red = Value exceeds the MCL

* MCL is for total xylenes

Table J-9B - Temporary Well Groundwater Sampling Results (March 2017)
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	MCL	TMW-9	TMW-10	TMW-11	TMW-12	TMW-13	TMW-14	TMW-15	TMW-16
Sampling Date		3/29/2017	3/29/2017	3/29/2017	3/28/2017	3/28/2017	3/28/2017	3/27/2017	3/27/2017
VOCs – Method SW8260B (ug/L)									
1,1-Dichloroethene	7.0	6.0	1.0	<1	2.6	<1	<1	1.1	<1
Acetone	N/A	<50	<50	<50	<50	<50	<50	<50	<50
2-Butanone	N/A	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1-Trichloroethane	200	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5.0	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	5.0	23	9.1	2.8	6.7	4.7	<1	5.6	1.7
Trichloroethene	5.0	1.2	<1	<1	<1	<1	<1	1.3	<1
Toluene	1000	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	5.0	2.1	1.5	<1	2.5	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1
m,p-Xylene	10000*	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	10000*	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	N/A	3.1	<1	<1	1.2	<1	<1	<1	<1
1,2,4-Trimethylbenzene	N/A	3.9	<1	<1	1.1	<1	<1	<1	<1
TOTAL VOCs		39.3	11.6	2.8	14.1	4.7	BRL	8.0	1.7
SVOCs – Method SW8270D (ug/L)									
2,3,4,6-Tetrachlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	N/A	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	N/A	140	<10	34	<10	<10	<10	<10	<10
2-Methylphenol (o-cresol)	N/A	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	N/A	260	<10	210	66	280	23	<10	<10
Acenaphthylene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	N/A	<10	<10	12	<10	<10	<10	<10	<10
Benz(a)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(k)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	N/A	83	<10	10	<10	<10	<10	<10	<10
Chrysene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Dibenz(a,h)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	N/A	98	<10	120	<10	67	<10	<10	<10
Fluoranthene	N/A	<10	<10	26	46	<10	<10	<10	<10
Fluorene	N/A	120	<10	140	<10	110	<10	<10	<10
Indeno(1,2,3-cd)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	N/A	800	100	12	<10	<10	<10	<10	<10
Pentachlorophenol	1.0	<25	<25	<25	<25	<25	<25	<25	<25
Phenanthrene	N/A	90	<10	120	<10	55	<10	<10	<10
Phenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	N/A	<10	<10	13	25	<10	<10	<10	<10
TOTAL SVOCs		1591	100	697	137	512	23	BRL	BRL
TOTAL METALS / TOTAL MERCURY - Method SW6010D / Method SW7471B (mg/L)									
Aluminum	N/A	<0.2	<0.2	<0.2	119	0.626	<0.2	0.307	0.581
Arsenic	0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Barium	2.0	0.067	0.0701	0.105	0.0414	0.0734	0.124	0.0481	0.0991
Cadmium	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	0.1	<0.01	<0.01	<0.01	0.0146	0.0106	<0.01	<0.01	<0.01
Cobalt	N/A	<0.02	<0.02	<0.02	0.292	<0.02	<0.02	<0.02	<0.02
Copper	1.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead	0.015	<0.01	<0.01	<0.01	<0.01	0.0196	<0.01	<0.01	<0.01
Nickel	N/A	<0.02	<0.02	<0.02	0.119	<0.02	<0.02	<0.02	<0.02
Selenium	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	N/A	0.146	<0.02	<0.02	0.202	0.11	0.0263	<0.02	<0.02
Mercury	0.002	0.00042	<0.0002	<0.0002	<0.0002	0.00022	<0.0002	0.00025	0.00023
TOTAL METALS		0.21342	0.0701	0.105	119.669	0.83982	0.1503	0.3554	0.6803

Notes:

VOCs and SVOCs are in micrograms per liter (ug/l). Metals are in milligrams per liter (mg/L).

Samples were analyzed for site-specific VOCs, SVOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

NS = Not Sampled

BRL = Below Laboratory Reporting Limit

MCL = Maximum Contaminant Level taken from EPA's June 2017 Regional Screening Levels table. The MCL is included for comparative purposes only, clean-up standards have not been established

Red = Value exceeds the MCL

* MCL is for total xylenes

Table J-9C - Temporary Well Groundwater Sampling Results (April 2019)

William C. Meredith Company

Permit Number: HW-062(D)

Sample ID	MCL	TMW-17	TMW-18	TMW-19	TMW-20	TMW-21	TMW-22	TMW-23	TMW-24
Sampling Date		4/18/2019	4/18/2019	4/18/2019	4/18/2019	4/18/2019	4/22/2019	4/22/2019	4/22/2019
VOCs – Method SW8260D (ug/L)									
1,1-Dichloroethene	7.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0
Acetone	N/A	<50	<50	<50	<50	71.0	<50	<50	<50
2-Butanone	N/A	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	5.0	<1.0	<1.0	<1.0	<1.0	8.4	<1.0	<1.0	<1.0
1,2-Dichloroethane	5.0	<1.0	<1.0	<1.0	<1.0	38.0	<1.0	<1.0	<1.0
Trichloroethene	5.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	12.0	<1.0	<1.0	<1.0
Tetrachloroethene	5.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	9.2	<1.0	<1.0	<1.0
m,p-Xylene	10000*	<2.0	<2.0	<2.0	<2.0	19.0	<2.0	<2.0	<2.0
o-Xylene	10000*	<1.0	<1.0	<1.0	<1.0	13.0	<1.0	<1.0	<1.0
Styrene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	N/A	<1.0	<1.0	<1.0	<1.0	5.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	N/A	<1.0	<1.0	<1.0	<1.0	13.0	<1.0	<1.0	<1.0
TOTAL VOCS		BRL	BRL	BRL	BRL	196.7	BRL	BRL	BRL
SVOCS – Method SW8270E (ug/L)									
2,3,4,6-Tetrachlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	N/A	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	N/A	<10	<10	<10	<10	79.0	<10	<10	<10
2-Methylphenol (o-cresol)	N/A	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Methylphenol	N/A	<10	<10	<10	<10	<10	<10	21.0	19.0
4-Chloro-3-methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	N/A	<10	<10	<10	<10	<10	15.0	<10	<10
Acenaphthylene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benz(a)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(k)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Chrysene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Dibenz(a,h)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	N/A	<10	<10	<10	<10	36.0	<10	<10	<10
Fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Fluorene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	N/A	<10	<10	<10	<10	2000	21.0	15.0	<10
Pentachlorophenol	1.0	<25	<25	<25	<25	270	<25	<25	<25
Phenanthrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Phenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10
TOTAL SVOCS		BRL	BRL	BRL	BRL	2385	36.0	36.0	19.0
TOTAL METALS / TOTAL MERCURY - Method SW6020B / Method SW7470A (mg/L)									
Aluminum	N/A	0.0832	<0.0500	0.580	0.152	42.7	1.75	0.529	0.288
Arsenic	0.01	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00572	0.00816
Barium	2.0	0.0517	0.132	0.203	0.0833	0.391	0.173	0.0765	0.114
Cadmium	0.005	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700
Chromium	0.1	<0.00500	<0.00500	<0.00500	<0.00500	0.0805	<0.00500	<0.00500	<0.00500
Cobalt	N/A	0.0505	0.188	0.0791	0.0792	0.025	0.00507	<0.00500	0.00684
Copper	1.3	<0.00200	0.00341	<0.00200	<0.00200	0.0471	0.00211	<0.00200	<0.00200
Lead	0.015	<0.00100	<0.00100	<0.00100	<0.00100	0.155	0.00259	0.00508	0.00214
Nickel	N/A	0.00986	0.051	0.00668	0.0108	0.0273	<0.00500	<0.00500	<0.00500
Selenium	0.05	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Vanadium	N/A	<0.00500	<0.00500	<0.00500	<0.00500	0.144	0.00718	<0.00500	<0.00500
Zinc	N/A	0.0677	0.0128	0.0284	<0.0100	0.0903	0.0382	0.0321	0.0147
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
TOTAL METALS		0.17976	0.3872	0.317	0.325	43.66020	0.2282	0.6484	0.4338

Notes:

VOCs and SVOCS are in micrograms per liter (ug/L). Metals are in milligrams per liter (mg/L).

Samples were analyzed for site-specific VOCs, SVOCS, and metals.

Dissolved metals were also analyzed at TMW-21, TMW-22, and TMW-30 in April 2019. Only Barium and Lead were detected above laboratory reporting limits.

Detections are shown in **bold**.

NS = Not Sampled

BRL = Below Laboratory Reporting Limit

MCL = Maximum Contaminant Level taken from EPA's June 2017 Regional Screening Levels table. The MCL is included for comparative purposes only,

clean-up standards have not been established

Red = Value exceeds the MCL

Table J-9C - Temporary Well Groundwater Sampling Results (April 2019)
William C. Meredith Company
Permit Number: HW-062(D)

* MCL is for total xylenes

Table J-9C - Temporary Well Groundwater Sampling Results (April 2019)
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	MCL	TMW-25	TMW-26	TMW-27	TMW-28	TMW-29	TMW-30	TMW-31	TMW-32	TMW-33
Sampling Date		4/22/2019	4/22/2019	4/22/2019	4/22/2019	4/23/2019	4/22/2019	4/23/2019	4/23/2019	4/23/2019
VOCs – Method SW8260D (ug/L)										
1,1-Dichloroethene	7.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Butanone	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	5.0	5.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5.0	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	2.9	<1.0
Trichloroethene	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m,p-Xylene	10000*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	10000*	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	N/A	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	N/A	5.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs		18.9	BRL	BRL	BRL	BRL	BRL	1.3	2.9	BRL
SVOCs – Method SW8270E (ug/L)										
2,3,4,6-Tetrachlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	N/A	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorophenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	N/A	27.0	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol (o-cresol)	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	N/A	17.0	<10	<10	<10	46	<10	<10	<10	<10
Acenaphthylene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benz(a)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(k)fluoranthene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	N/A	29.0	<10	<10	<10	<10	<10	<10	<10	<10
Chrysene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenz(a,h)anthracene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	N/A	36.0	<10	<10	<10	18	<10	<10	<10	<10
Fluoranthene	N/A	<10	<10	<10	<10	28	<10	<10	<10	<10
Fluorene	N/A	41.0	<10	<10	<10	38	<10	<10	<10	<10
Indeno(1,2,3-cd)pyrene	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	N/A	910	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1.0	<25	<25	<25	<25	<25	<25	<25	<25	<25
Phenanthrene	N/A	15.0	<10	<10	<10	52	<10	<10	<10	<10
Phenol	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	N/A	<10	<10	<10	<10	16	<10	<10	<10	<10
TOTAL SVOCS		1075.0	BRL	BRL	BRL	198	BRL	BRL	BRL	BRL
TOTAL METALS / TOTAL MERCURY - Method SW6020B / Method SW7470A (mg/L)										
Aluminum	N/A	0.0916	1.54	1.30	1.43	0.127	3.07	1.86	3.59	30.3
Arsenic	0.01	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00522	<0.00500
Barium	2.0	0.0705	0.0499	0.0406	0.113	0.109	0.017	0.0333	0.274	0.036
Cadmium	0.005	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	<0.000700	0.00836
Chromium	0.1	<0.00500	<0.00500	<0.00500	0.00856	<0.00500	0.00571	0.00563	<0.00500	<0.00500
Cobalt	N/A	<0.00500	<0.00500	<0.00500	0.0054	<0.00500	<0.00500	0.00943	0.0676	0.447
Copper	1.3	<0.00200	0.00337	0.00209	0.00287	<0.00200	0.00411	0.00327	<0.00200	0.0273
Lead	0.015	0.00253	0.00312	0.00270	0.00448	0.0010	0.00808	0.0112	0.00128	0.0119
Nickel	N/A	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0243	0.0902
Selenium	0.05	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00518
Vanadium	N/A	<0.00500	0.00809	0.00582	0.00739	<0.00500	0.0147	0.00762	<0.00500	0.00814
Zinc	N/A	<0.0100	0.025	0.0143	0.0366	0.0306	0.0125	0.032	0.200	0.0778
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
TOTAL METALS		0.07303	0.0895	0.066	1.608	0.26760	0.0621	1.9625	4.1624	31.0119

Notes:

VOCs and SVOCs are in micrograms per liter (ug/L). Metals are in milligrams per liter (mg/L).

Samples were analyzed for site-specific VOCs, SVOCs, and metals.

Please note that samples were analyzed for aluminum and mercury (listed above) at EPD's request. These metals are not on the Facility's Permit.

Detections are shown in **bold**.

NS = Not Sampled

BRL = Below Laboratory Reporting Limit

MCL = Maximum Contaminant Level taken from EPA's June 2017 Regional Screening Levels table. The MCL is included for comparative purposes only, clean-up standards have not been established

Red = Value exceeds the MCL

* MCL is for total xylenes

Table J-10A - HWMU Temporary Well Soil Sampling Results - April 2017
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	HWMU-TW-1		HWMU-TW-2		HWMU-TW-3	
Depth	16'	24'	5-6'	24'	4'	29'
	4/6/2017	4/6/2017	4/6/2017	4/6/2017	4/6/2017	4/6/2017
VOCs – Method SW8260B (mg/kg)						
1,1-Dichloroethene	<0.011	<0.008	<0.011	<0.0093	<5.4	<4.9
Acetone	<0.22	<0.16	<0.22	0.42	<110	<98
2-Butanone	<0.11	<0.08	<0.11	<0.093	<54	<49
1,1,1-Trichloroethane	<0.011	<0.008	<0.011	<0.0093	<5.4	<4.9
Benzene	<0.011	0.02	<0.011	0.015	<5.4	<4.9
1,2-Dichloroethane	<0.011	<0.008	<0.011	<0.0093	<5.4	<4.9
Trichloroethene	<0.011	<0.008	<0.011	<0.0093	<5.4	<4.9
Toluene	<0.011	0.21	<0.011	0.13	<5.4	<4.9
Tetrachloroethene	<0.011	<0.008	<0.011	<0.0093	<5.4	<4.9
Ethylbenzene	0.013	1.6	<0.011	0.76	<5.4	<4.9
m,p-Xylene	0.031	4.6	<0.011	0.68	8.1	9.1
o-Xylene	0.015	2.1	<0.011	0.37	<5.4	<4.9
Styrene	<0.011	0.21	<0.011	0.21	<5.4	<4.9
1,3,5-Trimethylbenzene	0.04	5.4	<0.011	<0.0093	<5.4	6.1
1,2,4-Trimethylbenzene	0.086	11.0	<0.011	0.34	8.2	11.0
TOTAL VOCS	0.185	25.14	0.0	2.925	16.3	26.2
SVOCs – Method SW8270D (mg/kg)						
2,3,4,6-Tetrachlorophenol	17.0	95.0	3.5	29.0	19.0	25.0
2,4,6-Trichlorophenol	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
2,4-Dimethylphenol	<0.43	<4.2	<0.45	<4.9	7.7	<4.2
2,4-Dinitrophenol	<2.2	<22	<2.3	<25	<21	<22
2-Chlorophenol	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
2-Methylnaphthalene	13.0	280	<0.45	260	600	570
2-Methylphenol	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
3,4-Methylphenol	<0.43	<4.2	<0.45	<4.9	7.2	<4.2
4-Chloro-3-methylphenol	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
Acenaphthene	17.0	280	0.81	310	580	540
Acenaphthylene	<0.43	8.5	<0.45	11.0	18.0	16.0
Anthracene	8.8	220	1.1	120	810	210
Benz(a)anthracene	3.9	57.0	<0.45	66.0	140	110
Benzo(a)pyrene	1.1	17.0	<0.45	19.0	39.0	30.0
Benzo(b)fluoranthene	1.9	28.0	<0.45	32.0	64.0	53.0
Benzo(k)fluoranthene	0.67	9.6	<0.45	11.0	21.0	15.0
Carbazole	13.0	140	0.61	79.0	360	97.0
Chrysene	3.4	49.0	<0.45	58.0	130	98.0
Dibenz(a,h)anthracene	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
Dibenzofuran	13.0	210	0.69	240	550	410
Fluoranthene	23.0	350	1.8	420	850	730
Fluorene	17.0	280	0.97	290	740	540
Indeno(1,2,3-cd)pyrene	<0.43	<4.2	<0.45	<4.9	9.2	7.5
Naphthalene	51.0	1000	0.46	610	880	1800
Pentachlorophenol	9.0	<220	73.0	<250	<210	260
Phenanthrene	45.0	730	3.0	770	1800	1500
Phenol	<0.43	<4.2	<0.45	<4.9	<4.0	<4.2
Pyrene	14.0	200	1.1	240	500	380
TOTAL SVOCs	251.77	3954.1	87.04	3565.0	8125.1	7391.5

Notes:

Detections are shown in **bold**.

Results are in milligrams per kilogram (mg/kg).

TABLE J-10B - GROUNDWATER ELEVATION TABLE
 UPDATED IMPOUNDMENT INVESTIGATION SUMMARY REPORT
 WILLIAM C. MEREDITH COMPANY
 EAST POINT, GA
 PERMIT NUMBER: HW-062(D)

Well No.	HWMU-1*			HWMU-2*			HWMU-3*		
Diameter (Inch)	2			2			2		
Well Depth (Ft)	34.00			33.00			34.50		
Screen Intv (Ft)	24-34			23-33			24.5-34.5		
TOC Elev (Ft)	Not Surveyed			Not Surveyed			Not Surveyed		
DATE	DTW	DTNAPL	NAPL	DTW	DTNAPL	NAPL	DTW	DTNAPL	NAPL
04/14/17	21.85	ND	ND	21.50	21.49	0.01	21.93	ND	ND
05/17/17	21.80	ND	ND	27.40	24.00	3.40	22.30	21.90	0.40
07/06/17	21.35	ND	ND	30.80	23.31	7.49	21.66	21.46	0.20
04/04/18	23.31	ND	ND	33.00	24.85	8.15	28.00	23.88	4.12
03/28/19	21.25	ND	ND	28.00	22.76	5.24	26.30	21.80	4.50
03/31/21	21.90	ND	ND	31.00	23.46	7.54	29.50	22.45	7.05
04/19/22	22.00	ND	ND	30.00	23.59	6.41	27.00	22.60	4.40
04/05/23	22.62	ND	ND	31.65	24.22	7.43	33.00	23.15	9.85
AVERAGE	22.01	ND	ND	29.17	23.46	5.71	26.21	22.46	4.36

NOTES:

All Measurements = Feet

DTW = Depth to groundwater measured using an electronic interface probe

NAPL = Non-aqueous phase liquids (thickness approximated)

DTNAPL = Depth to groundwater measured using electronic interface probe

ND = NAPL not detected

*HWMU-1, -2, -3 were installed in 2017 as part of corrective action activities.

Table J-10C - Groundwater and Product Characterization Sampling Results - July 2017
William C. Meredith Company
Permit Number: HW-062(D)

Sample ID	HWMU-1 (TW-1)	HWMU-2 (TW-2)
	7/6/2017	7/6/2017
VOCs – Method SW8260B (ug/L)		
1,1-Dichloroethene	<10	NA
Acetone	510	NA
2-Butanone	<500	NA
1,1,1-Trichloroethane	<10	NA
Benzene	64	NA
1,2-Dichloroethane	<10	NA
Trichloroethene	<10	NA
Toluene	130	NA
Tetrachloroethene	<10	NA
Ethylbenzene	27	NA
m,p-Xylene	68	NA
o-Xylene	32	NA
Styrene	11	NA
1,3,5-Trimethylbenzene	11	NA
1,2,4-Trimethylbenzene	29	NA
TOTAL VOCs	882	0
SVOCs – Method SW8270D - SW3510C (ug/L) / SW3550C (mg/Kg)		
2,3,4,6-Tetrachlorophenol	580	<1000
2,4,6-Trichlorophenol	<50	<1000
2,4-Dimethylphenol	2600	<1000
2,4-Dinitrophenol	<130	<5000
2-Chlorophenol	<50	<1000
2-Methylnaphthalene	1400	15000
2-Methylphenol	4200	<1000
3,4-Methylphenol	9100	<1000
4-Chloro-3-methylphenol	<50	<1000
Acenaphthene	1000	13000
Acenaphthylene	<50	<1000
Anthracene	160	7800
Benz(a)anthracene	76	3000
Benzo(a)pyrene	<50	<1000
Benzo(b)fluoranthene	<50	<1000
Benzo(k)fluoranthene	<50	<1000
Carbazole	730	2700
Chrysene	64	2900
Dibenz(a,h)anthracene	<50	<1000
Dibenzofuran	550	11000
Fluoranthene	480	20000
Fluorene	540	13000
Indeno(1,2,3-cd)pyrene	<50	<1000
Naphthalene	18000	30000
Pentachlorophenol	450	20000
Phenanthrene	1400	41000
Phenol	2200	<1000
Pyrene	280	11000
TOTAL SVOCs	43810	190400
Extractable Petroleum Hydrocarbons - Method SW8015C (mg/Kg)		
Oil Range Organics	NA	450000
Total Petroleum Hydrocarbons - Method SW8015C (mg/Kg)		
Diesel Range Organics	NA	980000

Notes:

HWMU-2 contained NAPL and was analyzed via SW3550C, results reported in mg/kg
VOCs and SVOCs in HWMU-1 are reported in micrograms per liter (ug/l).

Only detected constituents are listed, samples were analyzed for SVOCs and VOCs.

Detections are shown in **bold**.

NA = Constituent not analyzed